Chevron database #1
revised 4/15/05

	A	B	C	D	E	F	G	H
1	**USGS 7.5' QUAD**	**LOC #**	**SUB**	**GENERAL LOCATION**	**SLIDE #**	**MISCELLANEOUS**	**MISC**	**ZONE/STAGE/SERIES/AGE**
2	Carpenteria	1	1	SE corner of quad	18-K			early Miocene Relizian Stage
3	Carpenteria	1	2	SE corner of quad	18-K			early Miocene Relizian Stage
4	Carpenteria	1	3	SE corner of quad	18-K			early Miocene Relizian Stage
5	Carpenteria	1	4	SE corner of quad	18-K			middle Miocene Luisian Stage
6	Carpenteria	1	5	SE corner of quad	18-K			middle Miocene Luisian Stage
7	Carpenteria	1	6	SE corner of quad	18-K			middle Miocene Luisian Stage
8	Carpenteria	1	7	SE corner of quad	18-K			middle Miocene Luisian Stage
9	Carpenteria	1	8	SE corner of quad	18-K			middle Miocene Luisian Stage
10	Carpenteria	1	9	SE corner of quad	18-K			middle Miocene Luisian Stage
11	Carpenteria	1	10	SE corner of quad	18-K			middle Miocene Luisian Stage
12	White Ledge Peak	2	1	Rincon Ck mouth	no slide	strat column		early Miocene upper Saucesian Stage
13	White Ledge Peak	2	2	Rincon Ck mouth	no slide	strat column		early Miocene upper Saucesian Stage
14	White Ledge Peak	2	3	Rincon Ck mouth	no slide	strat column		early Miocene upper Saucesian Stage
15	White Ledge Peak	2	4	Rincon Ck mouth	no slide	strat column		early Miocene upper Saucesian Stage
16	White Ledge Peak	2	5	Rincon Ck mouth	no slide	strat column		early Miocene upper Saucesian Stage
17	White Ledge Peak	2	6	Rincon Ck mouth	no slide	strat column		early Miocene upper Saucesian Stage
18	White Ledge Peak	2	7	Rincon Ck mouth	no slide	strat column		early Miocene lower Relizian Stage
19	White Ledge Peak	2	8	Rincon Ck mouth	no slide	strat column		early Miocene lower Relizian Stage
20	White Ledge Peak	2	9	Rincon Ck mouth	no slide	strat column		early Miocene lower Relizian Stage
21	White Ledge Peak	2	10	Rincon Ck mouth	no slide	strat column		early Miocene lower Relizian Stage
22	White Ledge Peak	2	11	Rincon Ck mouth	no slide	strat column		middle Miocene lower Luisian Stage
23	White Ledge Peak	2	12	Rincon Ck mouth	no slide	strat column		middle Miocene lower Luisian Stage
24	White Ledge Peak	2	13	Rincon Ck mouth	no slide	strat column		middle Miocene lower Luisian Stage
25	White Ledge Peak	3	1	SW corner of quad	no slide			late Miocene Delmontian? Stage
26	White Ledge Peak	3	3	SW corner of quad	no slide			late Miocene Delmontian? Stage
27	White Ledge Peak	3	4	SW corner of quad	no slide			late Miocene Delmontian? Stage
28	White Ledge Peak	3	5	SW corner of quad	no slide			late Miocene Delmontian? Stage
29	White Ledge Peak	3	6	SW corner of quad	no slide			late Miocene Delmontian? Stage
30	White Ledge Peak	3	7	SW corner of quad	no slide			late Miocene Delmontian? Stage
31	White Ledge Peak	3	8	SW corner of quad	no slide			late Miocene Delmontian? Stage
32	White Ledge Peak	3	9	SW corner of quad	no slide			late Miocene Delmontian? Stage
33	White Ledge Peak	3	10	SW corner of quad	no slide			middle and late Miocene Upper Mohnian Stage
34	White Ledge Peak	3	11	SW corner of quad	no slide			middle and late Miocene Upper Mohnian Stage
35	White Ledge Peak	3	12	SW corner of quad	no slide			middle and late Miocene Upper Mohnian Stage
36	White Ledge Peak	3	13	SW corner of quad	no slide			middle and late Miocene Upper Mohnian Stage
37	White Ledge Peak	3	14	SW corner of quad	no slide			middle and late Miocene Upper Mohnian Stage
38	White Ledge Peak	3	15	SW corner of quad	no slide			middle and late Miocene Upper Mohnian Stage
39	White Ledge Peak	3	16	SW corner of quad	no slide			middle and late Miocene middle Mohnian Stage
40	White Ledge Peak	3	17	SW corner of quad	no slide			middle and late Miocene middle Mohnian Stage
41	White Ledge Peak	3	18	SW corner of quad	no slide			middle and late Miocene middle Mohnian Stage
42	White Ledge Peak	3	19	SW corner of quad	no slide			middle and late Miocene middle Mohnian Stage
43	White Ledge Peak	3	20	SW corner of quad	no slide			middle and late Miocene middle Mohnian Stage
44	White Ledge Peak	3	21	SW corner of quad	no slide			middle and late Miocene middle Mohnian Stage
45	White Ledge Peak	3	22	SW corner of quad	no slide			middle and late Miocene middle Mohnian Stage
46	White Ledge Peak	3	23	SW corner of quad	no slide			middle and late Miocene middle Mohnian Stage
47	White Ledge Peak	3	24	SW corner of quad	no slide			middle and late Miocene middle Mohnian Stage
48	White Ledge Peak	3	25	SW corner of quad	no slide			middle and late Miocene middle Mohnian Stage
49	White Ledge Peak	3	26	SW corner of quad	no slide			middle and late Miocene middle Mohnian Stage
50	White Ledge Peak	3	27	SW corner of quad	no slide			middle and late Miocene lower Mohnian Stage
51	White Ledge Peak	3	28	SW corner of quad	no slide			middle and late Miocene lower Mohnian Stage
52	White Ledge Peak	3	29	SW corner of quad	no slide			middle and late Miocene Mohnian Stage
53	White Ledge Peak	3	30	SW corner of quad	no slide			middle and late Miocene Mohnian Stage
54	White Ledge Peak	3	31	SW corner of quad	no slide			middle and late Miocene Mohnian Stage
55	White Ledge Peak	3	32	SW corner of quad	no slide			middle and late Miocene Mohnian Stage
56	White Ledge Peak	3	33	SW corner of quad	no slide			middle and late Miocene Mohnian Stage
57	White Ledge Peak	3	36	SW corner of quad	no slide			middle Miocene Luisian Stage
58	White Ledge Peak	3	37	SW corner of quad	no slide			middle Miocene Luisian Stage
59	White Ledge Peak	3	38	SW corner of quad	no slide			middle Miocene Luisian Stage
60	White Ledge Peak	3	39	SW corner of quad	no slide			middle Miocene Luisian Stage
61	White Ledge Peak	3	40	SW corner of quad	no slide			middle Miocene Luisian Stage
62	White Ledge Peak	3	41	SW corner of quad	no slide			middle Miocene Luisian Stage
63	White Ledge Peak	3	42	SW corner of quad	6-M			middle Miocene lower Luisian Stage
64	White Ledge Peak	3	43	SW corner of quad	6-M			middle Miocene Luisian Stage
65	White Ledge Peak	3	44	SW corner of quad	6-M			middle Miocene Luisian Stage
66	White Ledge Peak	3	45	SW corner of quad	6-M			middle Miocene Luisian? Stage
67	White Ledge Peak	3	47	SW corner of quad	6-M			middle Miocene Luisian? Stage
68	Matilija	4	1	Ventura Avenue	18-K			early Miocene Saucesian Stage
69	Matilija	4	2	Ventura Avenue	18-K			early Miocene Saucesian Stage
70	Matilija	4	3	Ventura Avenue	18-K			early Miocene Saucesian Stage
71	Matilija	4	4	Ventura Avenue	18-K			early Miocene Saucesian Stage
72	Matilija	4	5	Ventura Avenue	18-K			early Miocene Saucesian Stage
73	Thousand Oaks	6	2	Bus Canyon	5-L			Cretaceous arenaceous foraminifers
74	Thousand Oaks	6	3	Bus Canyon	5-L			Cretaceous arenaceous foraminifers
75	Thousand Oaks	6	4	Bus Canyon	5-L			Cretaceous arenaceous foraminifers

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
76	Thousand Oaks	6	9	Bus Canyon	5-L	strat column		Eocene
77	Thousand Oaks	6	10	Bus Canyon	5-L			Eocene
78	Thousand Oaks	6	11	Bus Canyon	5-L			Eocene
79	Thousand Oaks	6	12	Bus Canyon	5-L			Eocene
80	Thousand Oaks	6	13	Bus Canyon	5-L			Eocene
81	Thousand Oaks	6	14	Bus Canyon	5-L			Eocene
82	Thousand Oaks	6	15	Bus Canyon	5-L			Eocene
83	Thousand Oaks	6	16	Bus Canyon	5-L			Eocene
84	Thousand Oaks	6	17	Bus Canyon	5-L			Eocene
85	Thousand Oaks	6	19	Bus Canyon	5-L			Eocene
86	Thousand Oaks	6	20	Bus Canyon	5-L			Eocene
87	Thousand Oaks	6	21	Bus Canyon	5-L			Eocene
88	Thousand Oaks	6	22	Bus Canyon	5-L			Eocene
89	Thousand Oaks	6	23	Bus Canyon	5-L			Eocene
90	Thousand Oaks	6	24	Bus Canyon	5-L			Eocene
91	Thousand Oaks	6	25	Bus Canyon	5-L			Eocene
92	Thousand Oaks	6	26	Bus Canyon	5-L			Eocene
93	Thousand Oaks	6	27	Bus Canyon	5-L			Eocene
94	Thousand Oaks	6	28	Bus Canyon	5-L			Eocene
95	Thousand Oaks	6	29	Bus Canyon	5-L			Eocene
96	Thousand Oaks	6	30	Bus Canyon	5-L			Eocene
97	Thousand Oaks	6	31	Bus Canyon	5-L			Eocene
98	Thousand Oaks	6	32	Bus Canyon	5-L			Eocene
99	Thousand Oaks	6	33	Bus Canyon	5-L			Eocene
100	Thousand Oaks	6	34	Bus Canyon	5-L			Eocene
101	Thousand Oaks	6	35	Bus Canyon	5-L			Eocene
102	Thousand Oaks	6	36	Bus Canyon	5-L			Eocene
103	Thousand Oaks	6	37	Bus Canyon	5-L			Eocene
104	Thousand Oaks	6	38	Bus Canyon	5-L			Eocene
105	Thousand Oaks	6	39	Bus Canyon	5-L			Eocene
106	Thousand Oaks	6	40	Bus Canyon	5-L			Eocene
107	Thousand Oaks	6	41	Bus Canyon	5-L			Eocene
108	Thousand Oaks	6	42	Bus Canyon	5-L			Eocene
109	Thousand Oaks	6	43	Bus Canyon	5-L			Eocene
110	Thousand Oaks	6	44	Bus Canyon	5-L			Eocene
111	Thousand Oaks	6	45	Bus Canyon	5-L			Eocene
112	Thousand Oaks	6	46	Bus Canyon	5-L			Eocene
113	Thousand Oaks	6	47	Bus Canyon	5-L			Eocene
114	Thousand Oaks	6	48	Bus Canyon	5-L			Eocene
115	Thousand Oaks	6	49	Bus Canyon	5-L			Eocene
116	Thousand Oaks	6	50	Bus Canyon	5-L			Eocene
117	Thousand Oaks	6	51	Bus Canyon	5-L			Eocene
118	Thousand Oaks	6	52	Bus Canyon	5-L			Eocene
119	Thousand Oaks	6	53	Bus Canyon	5-L			Eocene
120	Thousand Oaks	6	54	Bus Canyon	5-L			Eocene
121	Thousand Oaks	6	55	Bus Canyon	5-L			Eocene
122	Thousand Oaks	6	56	Bus Canyon	5-L			Eocene
123	Thousand Oaks	6	57	Bus Canyon	5-L			Eocene
124	Thousand Oaks	6	58	Bus Canyon	5-L			Eocene
125	Thousand Oaks	6	59	Bus Canyon	5-L			Eocene
126	Thousand Oaks	6	60	Bus Canyon	5-L			Eocene
127	Thousand Oaks	6	61	Bus Canyon	5-M			Eocene
128	Thousand Oaks	6	62	Bus Canyon	5-M			Eocene
129	Thousand Oaks	6	63	Bus Canyon	5-M			Eocene
130	Thousand Oaks	6	64	Bus Canyon	5-M			Eocene
131	Thousand Oaks	6	65	Bus Canyon	5-M			Eocene
132	Thousand Oaks	6	66	Bus Canyon	5-M			Eocene
133	Thousand Oaks	6	67	Bus Canyon	5-M			Eocene
134	Thousand Oaks	6	68	Bus Canyon	5-M			Eocene
135	Thousand Oaks	6	69	Bus Canyon	5-M			Eocene
136	Thousand Oaks	6	70	Bus Canyon	5-M			Eocene
137	Thousand Oaks	6	71	Bus Canyon	5-M			Eocene
138	Thousand Oaks	6	72	Bus Canyon	5-M			Eocene
139	Thousand Oaks	6	73	Bus Canyon	5-M			Eocene
140	Thousand Oaks	6	74	Bus Canyon	5-M			Eocene
141	Thousand Oaks	6	75	Bus Canyon	5-M			Eocene
142	Thousand Oaks	6	76	Bus Canyon	5-M			Eocene
143	Thousand Oaks	6	77	Bus Canyon	5-M			Eocene
144	Thousand Oaks	6	78	Bus Canyon	5-M			Eocene
145	Thousand Oaks	6	79	Bus Canyon	5-M			Eocene
146	Thousand Oaks	6	81	Bus Canyon	5-M			Eocene
147	Thousand Oaks	6	82	Bus Canyon	5-M			Eocene
148	Thousand Oaks	6	83	Bus Canyon	5-M			Eocene
149	Thousand Oaks	6	84	Bus Canyon	5-M			Eocene

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
150	Thousand Oaks	6	85	Bus Canyon	5-M			Eocene
151	Thousand Oaks	6	86	Bus Canyon	5-M			Eocene
152	Thousand Oaks	6	87	Bus Canyon	5-M			Eocene
153	Thousand Oaks	6	88	Bus Canyon	5-M			Eocene
154	Thousand Oaks	6	89	Bus Canyon	5-M			Eocene
155	Thousand Oaks	6	90	Bus Canyon	5-M			Eocene
156	Thousand Oaks	6	91	Bus Canyon	5-M			Eocene
157	Thousand Oaks	6	92	Bus Canyon	5-M			Eocene
158	Thousand Oaks	6	93	Bus Canyon	5-M			Eocene
159	Thousand Oaks	6	94	Bus Canyon	5-M			Eocene
160	Thousand Oaks	6	95	Bus Canyon	5-M			Eocene
161	Thousand Oaks	6	96	Bus Canyon	5-M			Eocene
162	Thousand Oaks	6	97	Bus Canyon	5-M			Eocene
163	Thousand Oaks	6	98	Bus Canyon	5-M			Eocene
164	Thousand Oaks	6	99	Bus Canyon	5-M			Eocene
165	Thousand Oaks	6	100	Bus Canyon	5-M			Eocene
166	Thousand Oaks	6	101	Bus Canyon	5-M			Eocene
167	Thousand Oaks	6	102	Bus Canyon	5-M			Eocene
168	Thousand Oaks	6	103	Bus Canyon	5-M			Eocene
169	Thousand Oaks	6	104	Bus Canyon	5-M			Eocene
170	Thousand Oaks	6	105	Bus Canyon	5-M			Eocene
171	Thousand Oaks	6	106	Bus Canyon	5-M			Eocene
172	Thousand Oaks	6	107	Bus Canyon	5-M			Eocene
173	Thousand Oaks	6	108	Bus Canyon	5-M			Eocene
174	Thousand Oaks	6	109	Bus Canyon	5-M			Eocene
175	Thousand Oaks	6	110	Bus Canyon	5-M			Eocene
176	Thousand Oaks	6	111	Bus Canyon	5-M			Eocene
177	Thousand Oaks	6	112	Bus Canyon	5-M			Eocene
178	Thousand Oaks	6	113	Bus Canyon	5-M			Eocene
179	Thousand Oaks	6	114	Bus Canyon	5-M			Eocene
180	Thousand Oaks	6	115	Bus Canyon	5-N			Eocene
181	Thousand Oaks	6	116	Bus Canyon	5-N			Eocene
182	Thousand Oaks	6	117	Bus Canyon	5-N			Eocene
183	Thousand Oaks	6	118	Bus Canyon	5-N			Eocene
184	Thousand Oaks	6	119	Bus Canyon	5-N			Eocene
185	Thousand Oaks	6	120	Bus Canyon	5-N			Eocene
186	Thousand Oaks	6	121	Bus Canyon	5-N			Eocene
187	Thousand Oaks	6	122	Bus Canyon	5-N			Eocene
188	Thousand Oaks	6	123	Bus Canyon	5-N			Eocene
189	Thousand Oaks	6	124	Bus Canyon	5-N			Eocene
190	Thousand Oaks	6	125	Bus Canyon	5-N			Eocene
191	Thousand Oaks	6	126	Bus Canyon	5-N			Eocene
192	Pitas Point	7	4	Las Sauces Creek	5-B			Pliocene
193	Pitas Point	7	5	Las Sauces Creek	5-B			Pliocene
194	Pitas Point	7	6	Las Sauces Creek	5-B			Pliocene
195	Pitas Point	7	7	Las Sauces Creek	5-B			Pliocene
196	Pitas Point	7	8	Las Sauces Creek	5-B			Pliocene
197	Pitas Point	7	9	Las Sauces Creek	5-B			Pliocene
198	Pitas Point	7	10	Las Sauces Creek	5-B			Pliocene
199	Pitas Point	7	11A	Las Sauces Creek	5-B			Pliocene
200	Pitas Point	7	11B	Las Sauces Creek	5-B			Pliocene
201	Pitas Point	7	13	Las Sauces Creek	5-B			Pliocene
202	Pitas Point	7	14	Las Sauces Creek	5-B			Pliocene
203	Pitas Point	7	15	Las Sauces Creek	5-B			Pliocene
204	Pitas Point	7	16	Las Sauces Creek	5-B			Pliocene
205	Pitas Point	7	17	Las Sauces Creek	5-B			Pliocene
206	Pitas Point	7	18	Las Sauces Creek	5-B			Pliocene
207	Pitas Point	7	19	Las Sauces Creek	5-B			Pliocene
208	Pitas Point	7	20	Las Sauces Creek	5-B			Pliocene
209	Pitas Point	7	21	Las Sauces Creek	5-B			Pliocene
210	Pitas Point	7	22	Las Sauces Creek	5-B			Pliocene
211	Pitas Point	7	23	Las Sauces Creek	5-B			Pliocene
212	Pitas Point	7	24	Las Sauces Creek	5-B			Pliocene
213	Ventura	9	5	WC part of quad	5-A			Miocene
214	Ventura	9	6	WC part of quad	5-A			Miocene or Pliocene
215	Ventura	9	16	WC part of quad	5-A			Miocene
216	Dana Point	10		NW part of quad	24-A	old SJ Capist 62K		Pliocene
217	Dana Point	11		NW part of quad	24-A	old SJ Capist 62K		Pliocene?
218	Huasna Peak	14	1	center of quad	68-A	Nipomo 15'	strat column	possibly middle Miocene Luisian Stage
219	Huasna Peak	14	2	center of quad	68-A	Nipomo 15'		possibly middle Miocene Luisian Stage
220	Huasna Peak	14	4	center of quad	68-A	Nipomo 15'		possibly middle Miocene Luisian Stage
221	Huasna Peak	14	5	center of quad	68-A	Nipomo 15'		possibly middle Miocene Luisian Stage
222	Huasna Peak	14	6	center of quad	68-A	Nipomo 15'		possibly middle Miocene Luisian Stage
223	Huasna Peak	14	7	center of quad	68-A	Nipomo 15'		middle and late Miocene Mohnian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
224	Huasna Peak	14	8	center of quad	68-A	Nipomo 15'		middle and late Miocene Mohnian Stage
225	Huasna Peak	14	9	center of quad	68-A	Nipomo 15'		middle and late Miocene Mohnian Stage
226	Huasna Peak	14	10	center of quad	68-A	Nipomo 15'		middle and late Miocene Mohnian Stage
227	Huasna Peak	14	14	center of quad	68-A	Nipomo 15'		middle and late Miocene Mohnian Stage
228	Dana Point	15		NW part of quad	24-A	old SJ Capist 62K		Pliocene
229	Dana Point	16		NW part of quad	24-A	old SJ Capist 62K		Pliocene
230	Dana Point	17		NW part of quad	24-A	old SJ Capist 62K		Pliocene
231	Huasna Peak	17	2	Vaquero Flat	68-A	Nipomo 15'		Oligocene Zemorrian Stage
232	Huasna Peak	17	3	Vaquero Flat	68-A	Nipomo 15'		Oligocene Zemorrian Stage
233	Huasna Peak	17	4	Vaquero Flat	68-A	Nipomo 15'		Oligocene Zemorrian Stage
234	Huasna Peak	17	5	Vaquero Flat	68-A	Nipomo 15'		Oligocene Zemorrian Stage
235	Huasna Peak	17	6	Vaquero Flat	68-A	Nipomo 15'		Oligocene Zemorrian Stage
236	Huasna Peak	17	7	Vaquero Flat	68-A	Nipomo 15'		Oligocene Zemorrian Stage
237	Huasna Peak	17	8	Vaquero Flat	68-A	Nipomo 15'		Oligocene Zemorrian Stage
238	Huasna Peak	17	10	Vaquero Flat	68-A	Nipomo 15'		Oligocene Zemorrian Stage
239	Huasna Peak	17	12	Vaquero Flat	68-A	Nipomo 15'		Oligocene Zemorrian Stage
240	Huasna Peak	17	13	Vaquero Flat	68-A	Nipomo 15'		Oligocene Zemorrian Stage
241	Huasna Peak	17	14	Vaquero Flat	68-A	Nipomo 15'		Oligocene Zemorrian Stage
242	Huasna Peak	17	15	Vaquero Flat	68-A	Nipomo 15'		Oligocene Zemorrian Stage
243	Huasna Peak	17	16	Vaquero Flat	68-A	Nipomo 15'		Oligocene Zemorrian Stage
244	Huasna Peak	17	17	Vaquero Flat	68-A	Nipomo 15'		Oligocene Zemorrian Stage
245	Huasna Peak	17	18	Vaquero Flat	68-A	Nipomo 15'		Oligocene Zemorrian Stage
246	Huasna Peak	17	19	Vaquero Flat	68-A	Nipomo 15'		Oligocene Zemorrian Stage
247	Huasna Peak	17	20	Vaquero Flat	68-A	Nipomo 15'		Oligocene Zemorrian Stage
248	Huasna Peak	17	21	Vaquero Flat	68-A	Nipomo 15'		Oligocene Zemorrian Stage
249	Huasna Peak	17	27	Vaquero Flat	68-A	Nipomo 15'		Oligocene Zemorrian Stage
250	Dana Point	18		NW part of quad	24-A	old SJ Capist 62K		Pliocene
251	Huasna Peak	18	11	Porter Ranch	68-B	Nipomo 15'		late Miocene
252	Huasna Peak	18	12	Porter Ranch	68-B	Nipomo 15'		late Miocene
253	Huasna Peak	18	19	Porter Ranch	68-B	Nipomo 15'		Miocene
254	Dana Point	19		NW part of quad	24-A	old SJ Capist 62K		Pliocene
255	Dana Point	20		NW part of quad	24-A	old SJ Capist 62K		Pliocene
256	Dana Point	21		NW part of quad	24-A	old SJ Capist 62K		Pliocene
257	Point Dume	21	1	EC part of quad	2-L	Solstice Canyon		early or middle Miocene Relizian or Luisian Stage
258	Point Dume	21	2	EC part of quad	2-L	Solstice Canyon		middle Miocene Luisian Stage
259	Point Dume	21	2RS	EC part of quad	2-L	Solstice Canyon		middle Miocene Luisian Stage
260	Point Dume	21	3	EC part of quad	2-L	Solstice Canyon		middle Miocene Luisian Stage
261	Point Dume	21	4	EC part of quad	2-L	Solstice Canyon		middle Miocene Luisian Stage
262	Point Dume	21	7	EC part of quad	2-L	Solstice Canyon		middle Miocene Luisian Stage
263	Point Dume	21	11	EC part of quad	49-L	Solstice Canyon		middle Miocene Luisian Stage
264	Dana Point	22		SE part of quad	24-A	old SJ Capist 62K		Pliocene
265	Dana Point	23		SE part of quad	24-A	old SJ Capist 62K		Pliocene
266	Watsonville East	23		Chamberlin Ranch?	no slide	Discocylina		Eocene
267	Dana Point	24		SE part of quad	24-A	old SJ Capist 62K		Pliocene
268	Dana Point	25		SE part of quad	24-A	old SJ Capist 62K		Pliocene
269	Dana Point	26		SE part of quad	24-A	old SJ Capist 62K		Pliocene
270	Dana Point	30		SE part of quad	24-A	old SJ Capist 62K		middle and late Miocene Mohnian Stage
271	Dana Point	32		SC part of quad	24-A	old SJ Capist 62K		middle and late Miocene Mohnian? Stage
272	Los Angeles	33		Repetto Hills	125-H			Pliocene
273	Los Angeles	33	slide 1	Repetto Hills	127-M			Pliocene
274	Los Angeles	33	slide 2	Repetto Hills	127-M			Pliocene
275	Los Angeles	33	slide 3	Repetto Hills	127-M			Pliocene
276	Los Angeles	33	slide 4	Repetto Hills	127-M			Pliocene
277	Los Angeles	33	slide 5	Repetto Hills	127-M			Pliocene
278	Los Angeles	33	1	Repetto Hills	8-H			Pliocene
279	Los Angeles	33	2	Repetto Hills	8-H			Pliocene
280	Los Angeles	33	3	Repetto Hills	8-H			Pliocene
281	Los Angeles	33	4	Repetto Hills	8-H			Pliocene
282	Los Angeles	33	5	Repetto Hills	8-H			Pliocene
283	Los Angeles	33	6	Repetto Hills	8-H			Pliocene
284	Los Angeles	33	7	Repetto Hills	8-H			Pliocene
285	Los Angeles	33	8	Repetto Hills	8-H			Pliocene
286	Los Angeles	33	9	Repetto Hills	8-H			Pliocene
287	Los Angeles	33	10	Repetto Hills	8-H			Pliocene
288	Los Angeles	33	11	Repetto Hills	8-G			Pliocene
289	Los Angeles	33	12	Repetto Hills	8-G			Pliocene
290	Los Angeles	33	13	Repetto Hills	8-G			Pliocene
291	Los Angeles	33	14	Repetto Hills	8-G			Pliocene
292	Los Angeles	33	15	Repetto Hills	8-G			Pliocene
293	Los Angeles	33	16	Repetto Hills	8-G			Pliocene
294	Los Angeles	33	17	Repetto Hills	8-G			Pliocene
295	Los Angeles	33	18	Repetto Hills	8-G			Pliocene
296	Los Angeles	33	19	Repetto Hills	8-G			Pliocene
297	Los Angeles	33	20	Repetto Hills	8-G			Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
298	Los Angeles	33	21	Repetto Hills	8-G			Pliocene
299	Los Angeles	33	22	Repetto Hills	8-G			Pliocene
300	Los Angeles	33	23	Repetto Hills	8-G			Pliocene
301	Los Angeles	33	24	Repetto Hills	8-G			Pliocene
302	Los Angeles	33	25	Repetto Hills	8-G			Pliocene
303	Los Angeles	33	26	Repetto Hills	8-G			Pliocene
304	Los Angeles	33	27	Repetto Hills	8-G			Pliocene
305	Los Angeles	33	28	Repetto Hills	8-G			Pliocene
306	Los Angeles	33	29	Repetto Hills	8-G			Pliocene
307	Los Angeles	33	30	Repetto Hills	8-G			Pliocene
308	Los Angeles	33	31	Repetto Hills	8-G			Pliocene
309	Los Angeles	33	32	Repetto Hills	8-G			Pliocene
310	Los Angeles	33	33	Repetto Hills	8-G			Pliocene
311	Los Angeles	33	34	Repetto Hills	8-G			Pliocene
312	Los Angeles	33	35	Repetto Hills	8-G			Pliocene
313	Los Angeles	33	36	Repetto Hills	8-G			Pliocene
314	Los Angeles	33	37	Repetto Hills	8-G			Pliocene
315	Los Angeles	33	38	Repetto Hills	8-G			Pliocene
316	Los Angeles	33	39	Repetto Hills	8-G			Pliocene
317	Los Angeles	33	40	Repetto Hills	8-G			Pliocene
318	Los Angeles	33	41	Repetto Hills	8-G			Pliocene
319	Los Angeles	33	42	Repetto Hills	8-G			Pliocene
320	Los Angeles	33	43	Repetto Hills	8-G			Pliocene
321	Los Angeles	33	44	Repetto Hills	8-G			Pliocene
322	Los Angeles	33	45	Repetto Hills	8-G			Pliocene
323	Los Angeles	33	46	Repetto Hills	8-G			Pliocene
324	Los Angeles	33	47	Repetto Hills	8-G			Pliocene
325	Los Angeles	33	48	Repetto Hills	8-G			Pliocene
326	Los Angeles	33	49	Repetto Hills	8-G			Pliocene
327	Los Angeles	33	50	Repetto Hills	8-G			Pliocene
328	Los Angeles	33	51	Repetto Hills	8-G			Pliocene
329	Los Angeles	33	52	Repetto Hills	8-G			Pliocene
330	Los Angeles	33	53	Repetto Hills	8-G			Pliocene
331	Los Angeles	33	54	Repetto Hills	8-G			Pliocene
332	Los Angeles	33	55	Repetto Hills	8-G			Pliocene
333	Los Angeles	33	56	Repetto Hills	8-G			Pliocene
334	Los Angeles	33	57	Repetto Hills	8-G			Pliocene
335	Los Angeles	33	58	Repetto Hills	8-G			Pliocene
336	Los Angeles	33	59	Repetto Hills	8-G			Pliocene
337	Los Angeles	33	60	Repetto Hills	8-G			Pliocene
338	Los Angeles	33	61	Repetto Hills	8-G			Pliocene
339	Los Angeles	33	62	Repetto Hills	8-G			Pliocene
340	Los Angeles	33	63	Repetto Hills	8-G			Pliocene
341	Los Angeles	33	64	Repetto Hills	8-G			Pliocene
342	Los Angeles	33	65	Repetto Hills	8-F			Pliocene
343	Los Angeles	33	66	Repetto Hills	8-F			Pliocene
344	Los Angeles	33	67	Repetto Hills	8-F			Pliocene
345	Los Angeles	33	68	Repetto Hills	8-F			Pliocene
346	Los Angeles	33	69	Repetto Hills	8-F			Pliocene
347	Los Angeles	33	70	Repetto Hills	8-F			Pliocene
348	Los Angeles	33	71	Repetto Hills	8-F			Pliocene
349	Los Angeles	33	72	Repetto Hills	8-F			Pliocene
350	Los Angeles	33	73	Repetto Hills	8-F			Pliocene
351	Los Angeles	33	74	Repetto Hills	8-F			Pliocene
352	Los Angeles	33	75	Repetto Hills	8-F			Pliocene
353	Los Angeles	33	76	Repetto Hills	8-F			Pliocene
354	Los Angeles	33	77	Repetto Hills	8-F			Pliocene
355	Los Angeles	33	78	Repetto Hills	8-F			Pliocene
356	Los Angeles	33	79	Repetto Hills	8-F			Pliocene
357	Los Angeles	33	80	Repetto Hills	8-F			Pliocene
358	Los Angeles	33	81	Repetto Hills	8-F			Pliocene
359	Los Angeles	33	82	Repetto Hills	8-F			Pliocene
360	Los Angeles	33	83	Repetto Hills	8-F			Pliocene
361	Los Angeles	33	84	Repetto Hills	8-F			Pliocene
362	Los Angeles	33	85	Repetto Hills	8-F			Pliocene
363	Los Angeles	33	86	Repetto Hills	8-F			Pliocene
364	Los Angeles	33	87	Repetto Hills	8-F			Pliocene
365	Los Angeles	33	88	Repetto Hills	8-F			Pliocene
366	Los Angeles	33	89	Repetto Hills	8-F			Pliocene
367	Los Angeles	33	90	Repetto Hills	8-F			Pliocene
368	Los Angeles	33	91	Repetto Hills	8-F			Pliocene
369	Los Angeles	33	92	Repetto Hills	8-F			Pliocene
370	Los Angeles	33	93	Repetto Hills	8-F			Pliocene
371	Los Angeles	33	94	Repetto Hills	8-F			Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
372	Los Angeles	33	95	Repetto Hills	8-F			Pliocene
373	Los Angeles	33	96	Repetto Hills	8-F			Pliocene
374	Los Angeles	33	97	Repetto Hills	8-F			Pliocene
375	Los Angeles	33	98	Repetto Hills	8-F			Pliocene
376	Los Angeles	33	99	Repetto Hills	8-F			Pliocene
377	Los Angeles	33	100	Repetto Hills	8-F			Pliocene
378	Los Angeles	33	101	Repetto Hills	8-F			Pliocene
379	Los Angeles	33	102	Repetto Hills	8-F			Pliocene
380	Los Angeles	33	103	Repetto Hills	8-F			Pliocene
381	Los Angeles	33	104		8-F			Pliocene
382	Los Angeles	33	105	Repetto Hills	8-F			Pliocene
383	Los Angeles	33	106	Repetto Hills	8-F			Pliocene
384	Los Angeles	33	107	Repetto Hills	8-F			Pliocene
385	Los Angeles	33	108	Repetto Hills	8-F			Pliocene
386	Los Angeles	33	109	Repetto Hills	8-F			Pliocene
387	Los Angeles	33	110	Repetto Hills	8-F			Pliocene
388	Los Angeles	33	111	Repetto Hills	8-F			Pliocene
389	Los Angeles	33	112	Repetto Hills	8-F			Pliocene
390	Los Angeles	33	113	Repetto Hills	8-F			Pliocene
391	Los Angeles	33	114	Repetto Hills	8-F			Pliocene
392	Los Angeles	33	115	Repetto Hills	8-F			Pliocene
393	Los Angeles	33	116	Repetto Hills	8-F			Pliocene
394	Los Angeles	33	117	Repetto Hills	8-F			Pliocene
395	Los Angeles	33	118	Repetto Hills	8-F			Pliocene
396	Los Angeles	33	119	Repetto Hills	8-E			Pliocene
397	Los Angeles	33	120	Repetto Hills	8-E			Pliocene
398	Los Angeles	33	121	Repetto Hills	8-E			Pliocene
399	Los Angeles	33	122	Repetto Hills	8-E			Pliocene
400	Los Angeles	33	123	Repetto Hills	8-E			Pliocene
401	Los Angeles	33	124	Repetto Hills	8-E			Pliocene
402	Los Angeles	33	125	Repetto Hills	8-E			Pliocene
403	Los Angeles	33	126	Repetto Hills	8-E			Pliocene
404	Los Angeles	33	127	Repetto Hills	8-E			Pliocene
405	Los Angeles	33	128	Repetto Hills	8-E			Pliocene
406	Los Angeles	33	129	Repetto Hills	8-E			Pliocene
407	Los Angeles	33	130	Repetto Hills	8-E			Pliocene
408	Los Angeles	33	131	Repetto Hills	8-E			Pliocene
409	Los Angeles	33	132	Repetto Hills	8-E			Pliocene
410	Los Angeles	33	133	Repetto Hills	8-E			Pliocene
411	Los Angeles	33	134	Repetto Hills	8-E			Pliocene
412	Los Angeles	33	135	Repetto Hills	8-E			Pliocene
413	Los Angeles	33	136	Repetto Hills	8-E			Pliocene
414	Los Angeles	33	137	Repetto Hills	8-E			Pliocene
415	Los Angeles	33	138	Repetto Hills	8-E			Pliocene
416	Los Angeles	33	139	Repetto Hills	8-E			Pliocene
417	Los Angeles	33	140	Repetto Hills	8-E			Pliocene
418	Los Angeles	33	141	Repetto Hills	8-E			Pliocene
419	Los Angeles	33	142	Repetto Hills	8-E			Pliocene
420	Los Angeles	33	143	Repetto Hills	8-E			Pliocene
421	Los Angeles	33	144	Repetto Hills	8-E			Pliocene
422	Los Angeles	33	145	Repetto Hills	8-E			Pliocene
423	Los Angeles	33	146	Repetto Hills	8-E			Pliocene
424	Los Angeles	33	147	Repetto Hills	8-E			Pliocene
425	Los Angeles	33	148	Repetto Hills	8-E			Pliocene
426	Los Angeles	33	149	Repetto Hills	8-E			Pliocene
427	Los Angeles	33	150	Repetto Hills	8-E			Pliocene
428	Los Angeles	33	151	Repetto Hills	8-E			Pliocene
429	Los Angeles	33	152	Repetto Hills	8-E			Pliocene
430	Los Angeles	33	153	Repetto Hills	8-E			Pliocene
431	Los Angeles	33	154	Repetto Hills	8-E			Pliocene
432	Los Angeles	33	155	Repetto Hills	8-E			Pliocene
433	Los Angeles	33	156	Repetto Hills	8-E			Pliocene
434	Los Angeles	33	157	Repetto Hills	8-E			Pliocene
435	Los Angeles	33	158	Repetto Hills	8-E			Pliocene
436	Los Angeles	33	159	Repetto Hills	8-E			Pliocene
437	Los Angeles	33	160	Repetto Hills	8-E			Pliocene
438	Los Angeles	33	161	Repetto Hills	8-E			Pliocene
439	Los Angeles	33	162	Repetto Hills	8-E			Pliocene
440	Los Angeles	33	163	Repetto Hills	8-E			Pliocene
441	Los Angeles	33	164	Repetto Hills	8-E			Pliocene
442	Los Angeles	33	165	Repetto Hills	8-E			Pliocene
443	Los Angeles	33	166	Repetto Hills	8-E			Pliocene
444	Los Angeles	33	167	Repetto Hills	8-E			Pliocene
445	Los Angeles	33	168	Repetto Hills	8-E			Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
446	Los Angeles	33	169	Repetto Hills	8-E			Pliocene
447	Los Angeles	33	170	Repetto Hills	8-E			Pliocene
448	Los Angeles	33	171	Repetto Hills	8-E			Pliocene
449	Los Angeles	33	172	Repetto Hills	8-E			Pliocene
450	Los Angeles	33	173	Repetto Hills	8-D			Pliocene
451	Los Angeles	33	174	Repetto Hills	8-D			Pliocene
452	Los Angeles	33	175	Repetto Hills	8-D			Pliocene
453	Los Angeles	33	176	Repetto Hills	8-D			Pliocene
454	Los Angeles	33	177	Repetto Hills	8-D			Pliocene
455	Los Angeles	33	178	Repetto Hills	8-D			Pliocene
456	Los Angeles	33	179	Repetto Hills	8-D			Pliocene
457	Los Angeles	33	180	Repetto Hills	8-D			Pliocene
458	Los Angeles	33	181	Repetto Hills	8-D			Pliocene
459	Los Angeles	33	182	Repetto Hills	8-D			Pliocene
460	Los Angeles	33	183	Repetto Hills	8-D			Pliocene
461	Los Angeles	33	184	Repetto Hills	8-D			Pliocene
462	Los Angeles	33	185	Repetto Hills	8-D			Pliocene
463	Los Angeles	33	186	Repetto Hills	8-D			Pliocene
464	Los Angeles	33	187	Repetto Hills	8-D			Pliocene
465	Los Angeles	33	188	Repetto Hills	8-D			Pliocene
466	Los Angeles	33	189	Repetto Hills	8-D			Pliocene
467	Los Angeles	33	190	Repetto Hills	8-D			Pliocene
468	Los Angeles	33	191	Repetto Hills	8-D			Pliocene
469	Los Angeles	33	192	Repetto Hills	8-D			Pliocene
470	Los Angeles	33	193	Repetto Hills	8-D			Pliocene
471	Los Angeles	33	194	Repetto Hills	8-D			Pliocene
472	Los Angeles	33	195	Repetto Hills	8-D			Pliocene
473	Los Angeles	33	196	Repetto Hills	8-D			Pliocene
474	Los Angeles	33	197	Repetto Hills	8-D			Pliocene
475	Los Angeles	33	198	Repetto Hills	8-D			Pliocene
476	Los Angeles	33	199	Repetto Hills	8-D			Pliocene
477	Los Angeles	33	200	Repetto Hills	8-D			Pliocene
478	Los Angeles	33	201	Repetto Hills	8-D			Pliocene
479	Los Angeles	33	202	Repetto Hills	8-D			Pliocene
480	Los Angeles	33	203	Repetto Hills	8-D			Pliocene
481	Los Angeles	33	204	Repetto Hills	8-D			Pliocene
482	Los Angeles	33	205	Repetto Hills	8-D			Pliocene
483	Los Angeles	33	206	Repetto Hills	8-D			Pliocene
484	Los Angeles	33	207	Repetto Hills	8-D			Pliocene
485	Los Angeles	33	208	Repetto Hills	8-D			Pliocene
486	Los Angeles	33	209	Repetto Hills	8-D			Pliocene
487	Los Angeles	33	210	Repetto Hills	8-D			Pliocene
488	Los Angeles	33	211	Repetto Hills	8-D			Pliocene
489	Los Angeles	33	212	Repetto Hills	8-D			Pliocene
490	Los Angeles	33	213	Repetto Hills	8-D			Pliocene
491	Los Angeles	33	214	Repetto Hills	8-D			Pliocene
492	Los Angeles	33	215	Repetto Hills	8-D			Pliocene
493	Los Angeles	33	216	Repetto Hills	8-D			Pliocene
494	Los Angeles	33	217	Repetto Hills	8-D			Pliocene
495	Los Angeles	33	218	Repetto Hills	8-D			Pliocene
496	Los Angeles	33	219	Repetto Hills	8-D			Pliocene
497	Los Angeles	33	220	Repetto Hills	8-D			Pliocene
498	Los Angeles	33	221	Repetto Hills	8-D			Pliocene
499	Los Angeles	33	222	Repetto Hills	8-D			Pliocene
500	Los Angeles	33	223	Repetto Hills	8-D			Pliocene
501	Los Angeles	33	224	Repetto Hills	8-D			Pliocene
502	Los Angeles	33	225	Repetto Hills	8-D			Pliocene
503	Los Angeles	33	226	Repetto Hills	8-D			Pliocene
504	Los Angeles	33	227	Repetto Hills	8-D			Pliocene
505	Los Angeles	33	228	Repetto Hills	8-D			Pliocene
506	Los Angeles	33	229	Repetto Hills	8-C			Pliocene
507	Los Angeles	33	230	Repetto Hills	8-C			Pliocene
508	Los Angeles	33	231	Repetto Hills	8-C			Pliocene
509	Los Angeles	33	232	Repetto Hills	8-C			Pliocene
510	Los Angeles	33	233	Repetto Hills	8-C			Pliocene
511	Los Angeles	33	234	Repetto Hills	8-C			Pliocene
512	Los Angeles	33	235	Repetto Hills	8-C			Pliocene
513	Piru	35	1	SW part of quad	23-N			early Miocene Saucesian Stage
514	Piru	35	3	SW part of quad	23-N			early Miocene Saucesian Stage
515	Piru	35	4	SW part of quad	23-N			early Miocene Saucesian Stage
516	Piru	35	5	SW part of quad	23-N			early Miocene Saucesian Stage
517	Piru	35	9	SW part of quad	23-N			early Miocene upper Saucesian Stage
518	Dana Point	43		NW part of quad	24-B	old SJ Capist 62K		middle and late Miocene Mohnian? Stage
519	Elmira	44		Peabody Road	no slide			Late Cretaceous E Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
520	Elmira	45		Peabody Road	no slide			Cretaceous
521	Huasna Peak	51	Y1	SW part of quad	68-C	Nipomo 15'	see cards for	Miocene
522	Huasna Peak	51	Y3	SW part of quad	68-C	Nipomo 15'	list of forams	late Miocene
523	Huasna Peak	51	Y4	SW part of quad	68-C	Nipomo 15'		late Miocene
524	Huasna Peak	51	Y5	SW part of quad	68-C	Nipomo 15'		middle and late Miocene Lower Mohnian Stage
525	Huasna Peak	51	Y6	SW part of quad	68-C	Nipomo 15'		middle and late Miocene Lower Mohnian Stage
526	Huasna Peak	51	Y9	SW part of quad	68-C	Nipomo 15'		middle and late Miocene Lower Mohnian Stage
527	Huasna Peak	51	Y11	SW part of quad	68-C	Nipomo 15'		middle and late Miocene Lower Mohnian Stage
528	Huasna Peak	51	Y12	SW part of quad	68-C	Nipomo 15'		middle and late Miocene Lower Mohnian Stage
529	Huasna Peak	51	Y13	SW part of quad	68-C	Nipomo 15'		middle and late Miocene Lower Mohnian Stage
530	Huasna Peak	51	Y14	SW part of quad	68-C	Nipomo 15'		middle and late Miocene Lower Mohnian Stage
531	Huasna Peak	51	Y15	SW part of quad	68-C	Nipomo 15'		middle and late Miocene Lower Mohnian Stage
532	Huasna Peak	51	Y16	SW part of quad	68-C	Nipomo 15'		middle and late Miocene Lower Mohnian Stage
533	Huasna Peak	51	Y17	SW part of quad	68-C	Nipomo 15'		middle and late Miocene Lower Mohnian Stage
534	Huasna Peak	51	Y18	SW part of quad	68-C	Nipomo 15'		middle and late Miocene Lower Mohnian Stage
535	Huasna Peak	51	Y19	SW part of quad	68-C	Nipomo 15'		middle and late Miocene Lower Mohnian Stage
536	Huasna Peak	51	Y22	SW part of quad	68-C	Nipomo 15'		middle and late Miocene Lower Mohnian Stage
537	Las Yeguas Ranch	55	A	Media Agua Creek	57-H	Mallory collector	Temblor	Miocene
538	Las Yeguas Ranch	55	A1	Media Agua Creek	57-H	type foram slides	strat column	Eocene
539	Las Yeguas Ranch	55	A2	Media Agua Creek	57-H	and NP ages. Also	strat column	middle Eocene Discoaster martini Zone
540	Las Yeguas Ranch	55	A3	Media Agua Creek	57-H	have NP check	strat column	middle Eocene Discoaster martini Zone
541	Las Yeguas Ranch	55	A4	Media Agua Creek	57-H	list.	strat column	middle Eocene Discoaster martini Zone
542	Las Yeguas Ranch	55	A5	Media Agua Creek	57-H		strat column	middle Eocene Discoaster martini Zone
543	Las Yeguas Ranch	55	A6	Media Agua Creek	57-H		strat column	middle Eocene Discoaster martini Zone
544	Las Yeguas Ranch	55	A7	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
545	Las Yeguas Ranch	55	A8	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
546	Las Yeguas Ranch	55	A9	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
547	Las Yeguas Ranch	55	A10	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
548	Las Yeguas Ranch	55	A11	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
549	Las Yeguas Ranch	55	A12	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
550	Las Yeguas Ranch	55	A13	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
551	Las Yeguas Ranch	55	A14	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
552	Las Yeguas Ranch	55	A15	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
553	Las Yeguas Ranch	55	A16	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
554	Las Yeguas Ranch	55	B2	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
555	Las Yeguas Ranch	55	B3	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
556	Las Yeguas Ranch	55	B4	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
557	Las Yeguas Ranch	55	B5	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
558	Las Yeguas Ranch	55	B6	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
559	Las Yeguas Ranch	55	B7	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
560	Las Yeguas Ranch	55	B8	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
561	Las Yeguas Ranch	55	B9	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
562	Las Yeguas Ranch	55	B10	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
563	Las Yeguas Ranch	55	B11	Media Agua Creek	57-H		strat column	middle Eocene Chiphragmalithus quadratus Zone
564	Las Yeguas Ranch	55	B12	Media Agua Creek	57-H	NP age	strat column	middle Eocene Nannotetrina quadrata Zone (type)
565	Las Yeguas Ranch	55	B13	Media Agua Creek	57-H	NP age	strat column	middle Eocene Nannotetrina quadrata Zone (type)
566	Las Yeguas Ranch	55	B14	Media Agua Creek	57-H	NP age	strat column	middle Eocene Nannotetrina quadrata Zone (type)
567	Las Yeguas Ranch	55	B15	Media Agua Creek	57-H	NP age	strat column	middle Eocene Nannotetrina quadrata Zone (type)
568	Las Yeguas Ranch	55	B16	Media Agua Creek	57-H	NP age	strat column	middle Eocene Nannotetrina quadrata Zone (type)
569	Las Yeguas Ranch	55	B17	Media Agua Creek	57-H	NP age	strat column	middle Eocene Nannotetrina quadrata Zone (type)
570	Las Yeguas Ranch	55	B18	Media Agua Creek	57-H	NP age	strat column	middle Eocene Nannotetrina quadrata Zone (type)
571	Las Yeguas Ranch	55	B19	Media Agua Creek	57-H	NP age	strat column	middle Eocene Nannotetrina quadrata Zone (type)
572	Las Yeguas Ranch	55	B20	Media Agua Creek	57-H	NP age	strat column	middle Eocene Nannotetrina quadrata Zone (type)
573	Las Yeguas Ranch	55	B21	Media Agua Creek	57-H	NP age	strat column	middle Eocene Nannotetrina quadrata Zone (type)
574	Las Yeguas Ranch	55	B22	Media Agua Creek	57-H	NP age	strat column	middle Eocene Nannotetrina quadrata Zone (type)
575	Las Yeguas Ranch	55	B23	Media Agua Creek	57-H	NP age	strat column	middle Eocene Nannotetrina quadrata Zone (type)
576	Las Yeguas Ranch	55	B24	Media Agua Creek	57-H	NP age	strat column	middle Eocene Nannotetrina quadrata Zone (type)
577	Las Yeguas Ranch	55	B25	Media Agua Creek	57-H	NP age	strat column	middle Eocene Rhabdosphaera inflata Zone
578	Las Yeguas Ranch	55	C1	Media Agua Creek	57-H	type for zone	strat column	early and middle Eocene Discoaster sublodoensis Zone
579	Las Yeguas Ranch	55	C2	Media Agua Creek	57-H	type for zone	strat column	early and middle Eocene Discoaster sublodoensis Zone
580	Las Yeguas Ranch	55	C3	Media Agua Creek	57-H	type for zone	strat column	early and middle Eocene Discoaster sublodoensis Zone
581	Las Yeguas Ranch	55	C4	Media Agua Creek	57-H	type for zone	strat column	early and middle Eocene Discoaster sublodoensis Zone
582	Las Yeguas Ranch	55	C5	Media Agua Creek	57-H	type for zone	strat column	early and middle Eocene Discoaster sublodoensis Zone
583	Las Yeguas Ranch	55	C6	Media Agua Creek	57-H	type for zone	strat column	early and middle Eocene Discoaster sublodoensis Zone
584	Las Yeguas Ranch	55	C7	Media Agua Creek	57-H	type for zone	strat column	early and middle Eocene Discoaster sublodoensis Zone
585	Las Yeguas Ranch	55	C8	Media Agua Creek	57-H	type for zone	strat column	early and middle Eocene Discoaster sublodoensis Zone
586	Las Yeguas Ranch	55	C9	Media Agua Creek	57-H	type for zone	strat column	early and middle Eocene Discoaster sublodoensis Zone
587	Las Yeguas Ranch	55	C10	Media Agua Creek	57-H	type for zone	strat column	early and middle Eocene Discoaster sublodoensis Zone
588	Las Yeguas Ranch	55	C11	Media Agua Creek	57-H	type for zone	strat column	early and middle Eocene Discoaster sublodoensis Zone
589	Las Yeguas Ranch	55	C12	Media Agua Creek	57-H	type for zone	strat column	early and middle Eocene Discoaster sublodoensis Zone
590	Las Yeguas Ranch	55	C13	Media Agua Creek	57-H	NP age	strat column	early Eocene Discoaster lodoensis Zone
591	Las Yeguas Ranch	55	C14	Media Agua Creek	57-H	NP age	strat column	early Eocene Discoaster lodoensis Zone
592	Las Yeguas Ranch	55	C15	Media Agua Creek	57-H	NP age	strat column	early Eocene Discoaster lodoensis Zone
593	Las Yeguas Ranch	55	C16	Media Agua Creek	57-H	NP age	strat column	early Eocene Discoaster lodoensis Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
594	Las Yeguas Ranch	55	C16-3	Media Agua Creek	57-H	NP age	strat column	early Eocene Discoaster lodoensis Zone
595	Las Yeguas Ranch	55	C16-4	Media Agua Creek	57-H	NP age	strat column	early Eocene Discoaster lodoensis Zone
596	Las Yeguas Ranch	55	16.5	Media Agua Creek	57-I	NP age	strat column	early Eocene Discoaster lodoensis Zone
597	Las Yeguas Ranch	55	16.6	Media Agua Creek	57-I	NP age	approx locatn	early Eocene Discoaster lodoensis Zone
598	Las Yeguas Ranch	55	16.7	Media Agua Creek	57-I	NP age	approx locatn	early Eocene Discoaster lodoensis Zone
599	Las Yeguas Ranch	55	17	Media Agua Creek	57-I	NP age	approx locatn	early Eocene Discoaster lodoensis Zone
600	Las Yeguas Ranch	55	18	Media Agua Creek	57-I	NP age	approx locatn	early Eocene Discoaster lodoensis Zone
601	Las Yeguas Ranch	55	19	Media Agua Creek	57-I	NP age	approx locatn	early Eocene Discoaster lodoensis Zone
602	Las Yeguas Ranch	55	20	Media Agua Creek	57-I	NP age	approx locatn	early Eocene Discoaster lodoensis Zone
603	Las Yeguas Ranch	55	21	Media Agua Creek	57-I	NP age	approx locatn	early Eocene Discoaster lodoensis Zone
604	Las Yeguas Ranch	55	22	Media Agua Creek	57-I	NP age	approx locatn	early Eocene Discoaster lodoensis Zone
605	Las Yeguas Ranch	55	23	Media Agua Creek	57-I	NP age	approx locatn	early Eocene Discoaster lodoensis Zone
606	Las Yeguas Ranch	55	24	Media Agua Creek	57-I	NP age	approx locatn	early Eocene Discoaster lodoensis Zone
607	Las Yeguas Ranch	55	25	Media Agua Creek	57-I	NP age	approx locatn	early Eocene Discoaster lodoensis Zone
608	Las Yeguas Ranch	55	26	Media Agua Creek	57-I	NP age	approx locatn	early Eocene Discoaster lodoensis Zone
609	Las Yeguas Ranch	55	27	Media Agua Creek	57-I	NP age	approx locatn	early Eocene Discoaster lodoensis Zone
610	Las Yeguas Ranch	55	28	Media Agua Creek	57-I	NP age	approx locatn	early Eocene Discoaster lodoensis Zone
611	Las Yeguas Ranch	55	29	Media Agua Creek	57-I	NP age	approx locatn	early Eocene Discoaster lodoensis Zone
612	Las Yeguas Ranch	55	30	Media Agua Creek	57-I	NP age	approx locatn	early Eocene Discoaster tribr. Zone
613	Las Yeguas Ranch	55	31	Media Agua Creek	57-I	NP age	approx locatn	early Eocene Discoaster tribr. Zone
614	Las Yeguas Ranch	55	32	Media Agua Creek	57-I	NP age	approx locatn	early Eocene Discoaster tribr. Zone
615	Las Yeguas Ranch	55	33	Media Agua Creek	57-I	NP age	approx locatn	early Eocene Discoaster tribr. Zone
616	Las Yeguas Ranch	55	34	Media Agua Creek	57-I	NP age	approx locatn	late Paleocene
617	Las Yeguas Ranch	55	35	Media Agua Creek	57-I	NP age	approx locatn	late Paleocene
618	Las Yeguas Ranch	55	36	Media Agua Creek	57-I	NP age	approx locatn	late Paleocene
619	Las Yeguas Ranch	55	37	Media Agua Creek	57-I	NP age	approx locatn	late Paleocene
620	Las Yeguas Ranch	55	38	Media Agua Creek	57-I	NP age	approx locatn	late Paleocene
621	Red Canyon	62	1	NC part of quad	37-D	Copa de Oro Pass		Eocene
622	Red Canyon	62	2	NC part of quad	37-D	Copa de Oro Pass		Eocene
623	Red Canyon	62	3	NC part of quad	37-D	Copa de Oro Pass		Eocene
624	Red Canyon	62	4	NC part of quad	37-D	Copa de Oro Pass		Eocene
625	Red Canyon	62	5	NC part of quad	37-D	Copa de Oro Pass		Eocene
626	Red Canyon	62	6	NC part of quad	37-D	Copa de Oro Pass		Eocene
627	Red Canyon	62	7	NC part of quad	37-D	Copa de Oro Pass		Eocene
628	Red Canyon	62	8	NC part of quad	37-D	Copa de Oro Pass		Eocene
629	Red Canyon	62	9	NC part of quad	37-D	Copa de Oro Pass		Eocene
630	Red Canyon	62	10	NC part of quad	37-D	Copa de Oro Pass		Eocene
631	Red Canyon	62	11	NC part of quad	37-D	Copa de Oro Pass		Eocene
632	Red Canyon	62	12	NC part of quad	37-D	Copa de Oro Pass		Eocene
633	Red Canyon	62	13	NC part of quad	37-D	Copa de Oro Pass		Eocene
634	Red Canyon	62	14	NC part of quad	37-D	Copa de Oro Pass		Eocene
635	Red Canyon	62	17	NC part of quad	37-D	Copa de Oro Pass		Eocene
636	Red Canyon	62	18	NC part of quad	37-D	Copa de Oro Pass		Eocene
637	Red Canyon	62	20	NC part of quad	37-D	Copa de Oro Pass		Eocene
638	Red Canyon	62	21	NC part of quad	37-D	Copa de Oro Pass		Eocene
639	Red Canyon	62	22	NC part of quad	37-D	Copa de Oro Pass		Eocene
640	Red Canyon	62	23	NC part of quad	37-D	Copa de Oro Pass		Eocene
641	Red Canyon	62	24	NC part of quad	37-D	Copa de Oro Pass		Eocene
642	Red Canyon	62	25	NC part of quad	37-D	Copa de Oro Pass		Eocene
643	Red Canyon	62	26	NC part of quad	37-D	Copa de Oro Pass		Eocene
644	Red Canyon	62	27	NC part of quad	42-N	Copa de Oro Pass		Eocene
645	Red Canyon	62	28	NC part of quad	37-D	Copa de Oro Pass		Eocene
646	Red Canyon	62	29	NC part of quad	37-D	Copa de Oro Pass		Eocene
647	Red Canyon	62	30	NC part of quad	37-D	Copa de Oro Pass		Eocene
648	Red Canyon	62	31	NC part of quad	37-D	Copa de Oro Pass		Eocene
649	Red Canyon	62	33	NC part of quad	37-D	Copa de Oro Pass		Eocene
650	Red Canyon	62	34	NC part of quad	37-D	Copa de Oro Pass		Eocene
651	Red Canyon	62	35	NC part of quad	42-N	Copa de Oro Pass		Eocene
652	Red Canyon	62	36	NC part of quad	42-N	Copa de Oro Pass		Eocene
653	Red Canyon	62	38	NC part of quad	42-N	Copa de Oro Pass		Eocene
654	Red Canyon	62	39	NC part of quad	42-N	Copa de Oro Pass		Eocene
655	Red Canyon	62	40	NC part of quad	42-N	Copa de Oro Pass		Eocene
656	Red Canyon	62	41	NC part of quad	42-N	Copa de Oro Pass		Eocene
657	Red Canyon	62	42	NC part of quad	42-N	Copa de Oro Pass		Eocene
658	Red Canyon	62	43	NC part of quad	42-N	Copa de Oro Pass		Eocene
659	Red Canyon	62	44	NC part of quad	42-N	Copa de Oro Pass		Eocene
660	Red Canyon	62	46	NC part of quad	42-N	Copa de Oro Pass		Eocene
661	Red Canyon	62	49	NC part of quad	42-N	Copa de Oro Pass		Eocene
662	Red Canyon	62	53	NC part of quad	42-N	Copa de Oro Pass		Eocene
663	Red Canyon	62	55	NC part of quad	42-N	Copa de Oro Pass		Eocene
664	Red Canyon	62	57	NC part of quad	42-N	Copa de Oro Pass		Eocene
665	Red Canyon	62	59	NC part of quad	42-N	Copa de Oro Pass		Eocene
666	Red Canyon	62	60	NC part of quad	42-N	Copa de Oro Pass		Eocene
667	Red Canyon	62	61	NC part of quad	42-N	Copa de Oro Pass		Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
668	Red Canyon	62	63	NC part of quad	42-N	Copa de Oro Pass		Eocene
669	Red Canyon	62	65	NC part of quad	42-N	Copa de Oro Pass		Eocene
670	Red Canyon	62	66	NC part of quad	42-N	Copa de Oro Pass		Eocene
671	Red Canyon	62	68	NC part of quad	42-N	Copa de Oro Pass		Eocene
672	Red Canyon	62	70	NC part of quad	42-N	Copa de Oro Pass		Eocene
673	Red Canyon	62	72	NC part of quad	42-N	Copa de Oro Pass		Eocene
674	Red Canyon	62	74	NC part of quad	43-A	Copa de Oro Pass		Eocene
675	Red Canyon	62	79	NC part of quad	43-A	Copa de Oro Pass		Eocene
676	Red Canyon	62	85	NC part of quad	43-A	Copa de Oro Pass		Eocene
677	Red Canyon	62	87	NC part of quad	43-A	Copa de Oro Pass		Eocene
678	Red Canyon	62	94	NC part of quad	43-A	Copa de Oro Pass		Eocene
679	Red Canyon	62	97	NC part of quad	43-A	Copa de Oro Pass		Eocene
680	Red Canyon	62	101	NC part of quad	43-A	Copa de Oro Pass		Eocene
681	Red Canyon	62	105	NC part of quad	43-A	Copa de Oro Pass		Eocene
682	Red Canyon	62	106	NC part of quad	43-A	Copa de Oro Pass		Eocene
683	Red Canyon	62	108	NC part of quad	43-A	Copa de Oro Pass		Eocene
684	Red Canyon	62	110	NC part of quad	43-A	Copa de Oro Pass		Eocene
685	Red Canyon	62	111	NC part of quad	43-A	Copa de Oro Pass		Eocene
686	Red Canyon	62	113	NC part of quad	43-A	Copa de Oro Pass		Eocene
687	Red Canyon	62	114	NC part of quad	43-A	Copa de Oro Pass		Eocene
688	Red Canyon	62	115	NC part of quad	43-A	Copa de Oro Pass		Eocene
689	Red Canyon	62	116	NC part of quad	43-A	Copa de Oro Pass		Eocene
690	Red Canyon	62	123	NC part of quad	43-A	Copa de Oro Pass		Eocene
691	Red Canyon	62	125	NC part of quad	43-A	Copa de Oro Pass		Eocene
692	Red Canyon	62	120	NC part of quad	43-A	Copa de Oro Pass		Eocene
693	Red Canyon	62	121	NC part of quad	43-A	Copa de Oro Pass		Eocene
694	Red Canyon	62	122	NC part of quad	43-A	Copa de Oro Pass		Eocene
695	Borrego Mountain SE	64	2	N of Split Mtn	85-K	strat column	has NP	late Miocene or Pliocene NP
696	Borrego Mountain SE	64	16	N of Split Mtn	85-K	strat column	has NP	late Miocene or Pliocene NP
697	Borrego Mountain SE	64	17	N of Split Mtn	85-K	strat column	has NP	late Miocene or Pliocene NP
698	Borrego Mountain SE	64	18	N of Split Mtn	85-K	strat column	has NP	late Miocene or Pliocene NP
699	Borrego Mountain SE	64	19	N of Split Mtn	85-K	strat column	has NP	late Miocene or Pliocene NP
700	Borrego Mountain SE	64	20	N of Split Mtn	85-K	strat column	has NP	late Miocene or Pliocene NP
701	Borrego Mountain SE	65	A	N of Split Mtn	85-K	strat column	has NP	late Miocene or Pliocene NP
702	Borrego Mountain SE	65	B	N of Split Mtn	85-K	strat column	has NP	late Miocene or Pliocene NP
703	Borrego Mountain SE	65	C	N of Split Mtn	85-K	strat column	has NP	late Miocene or Pliocene NP
704	Borrego Mountain SE	65	D	N of Split Mtn	85-K	strat column	has NP	late Miocene or Pliocene NP
705	Pitas Point	66	1	Javon Canyon	5-C			Pliocene
706	Pitas Point	66	2	Javon Canyon	5-C			Pliocene
707	Pitas Point	66	2	Javon Canyon	5-C			Pliocene
708	Pitas Point	66	3	Javon Canyon	5-C			Pliocene
709	Pitas Point	66	4	Javon Canyon	5-C			Pliocene
710	Pitas Point	66	5	Javon Canyon	5-C			Pliocene
711	Pitas Point	66	6	Javon Canyon	5-C			Pliocene
712	Pitas Point	66	7	Javon Canyon	5-C			Pliocene
713	Pitas Point	66	8	Javon Canyon	5-C			Pliocene
714	Pitas Point	66	9	Javon Canyon	5-C			Pliocene
715	Pitas Point	66	10	Javon Canyon	5-C			Pliocene
716	Pitas Point	66	11	Javon Canyon	5-C			Pliocene
717	Pitas Point	66	12	Javon Canyon	5-C			Pliocene
718	Pitas Point	66	13	Javon Canyon	5-C			Pliocene
719	Pitas Point	66	14	Javon Canyon	5-C			Pliocene
720	Pitas Point	66	15	Javon Canyon	5-C			Pliocene
721	Pitas Point	66	17	Javon Canyon	5-C			Pliocene
722	Pitas Point	66	18	Javon Canyon	5-C			Pliocene
723	Pitas Point	66	19	Javon Canyon	5-C			Pliocene
724	Pitas Point	66	20	Javon Canyon	5-C			Pliocene
725	Pitas Point	66	21	Javon Canyon	5-C			Pliocene
726	Pitas Point	66	22	Javon Canyon	5-C			Pliocene
727	Pitas Point	66	24	Javon Canyon	5-C			Pliocene
728	Pitas Point	66	25	Javon Canyon	5-C			Pliocene
729	Pitas Point	66	26	Javon Canyon	5-C			Pliocene
730	Pitas Point	67	1	Javon Canyon	5-C	16/3N/24W	not on map	Pliocene
731	Pitas Point	67	2	Javon Canyon	5-C	16/3N/24W	not on map	Pliocene
732	Pitas Point	67	3	Javon Canyon	5-C	16/3N/24W	not on map	Pliocene
733	Pitas Point	67	4	Javon Canyon	5-C	16/3N/24W	not on map	Pliocene
734	Pitas Point	67	5	Javon Canyon	5-C	16/3N/24W	not on map	Pliocene
735	Pitas Point	67	6	Javon Canyon	5-C	16/3N/24W	not on map	Pliocene
736	Pitas Point	67	7	Javon Canyon	5-C	16/3N/24W	not on map	Pliocene
737	Ventura	68	1	WC part of quad	1-C			Pliocene
738	Ventura	68	2	WC part of quad	1-C			Pliocene
739	Ventura	68	3	WC part of quad	1-C			Pliocene
740	Ventura	68	4	WC part of quad	1-C			Pliocene
741	Ventura	68	5	WC part of quad	1-C			Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
742	Ventura	68	6	WC part of quad	1-C			Pliocene
743	Ventura	68	7	WC part of quad	1-C			Pliocene
744	Ventura	68	8	WC part of quad	1-C			Pliocene
745	Ventura	68	9	WC part of quad	1-C			Pliocene
746	Ventura	68	10	WC part of quad	1-C			Pliocene
747	Ventura	68	11	WC part of quad	1-C			Pliocene
748	Ventura	68	12	WC part of quad	1-C			Pliocene
749	Ventura	68	13	WC part of quad	1-C			Pliocene
750	Ventura	68	14	WC part of quad	1-C			Pliocene
751	Ventura	68	15	WC part of quad	1-C			Pliocene
752	Ventura	68	16	WC part of quad	1-C			Pliocene
753	Simi Valley West	69	10	center of quad	7-B	old Simi Quad		middle Miocene Luisian Stage
754	Simi Valley West	69	11	center of quad	7-B	old Simi Quad		middle Miocene Luisian Stage
755	Simi Valley West	69	12	center of quad	7-B	old Simi Quad		middle Miocene Luisian Stage
756	Simi Valley West	69	13	center of quad	7-B	old Simi Quad		middle Miocene Luisian Stage
757	Simi Valley West	69	14	center of quad	7-B	old Simi Quad		middle Miocene Luisian Stage
758	Canoga Park	70		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
759	Simi Valley West	70	1	NW part of quad	5-G	old Simi Quad		Miocene
760	Simi Valley West	70	2	NW part of quad	5-G	old Simi Quad		middle and late Miocene Mohnian Stage
761	Simi Valley West	70	3	NW part of quad	5-G	old Simi Quad		Miocene
762	Simi Valley West	70	4	NW part of quad	5-G	old Simi Quad		middle and late Miocene Mohnian Stage
763	Simi Valley West	70	5	NW part of quad	5-G	old Simi Quad		middle and late Miocene Mohnian Stage
764	Canoga Park	71		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
765	Simi Valley West	71	1	NE corner of quad	8-I	strat column		middle and late Miocene Mohnian Stage
766	Simi Valley West	71	2	NE corner of quad	8-I	old Simi Quad		middle and late Miocene Mohnian Stage
767	Simi Valley West	71	3	NE corner of quad	8-I	old Simi Quad		Pliocene
768	Simi Valley West	71	4	NE corner of quad	8-I	old Simi Quad		Pliocene
769	Simi Valley West	71	5	NE corner of quad	8-I	old Simi Quad		Pliocene
770	Simi Valley West	71	6	NE corner of quad	8-I	old Simi Quad		Pliocene
771	Simi Valley West	71	7	NE corner of quad	8-I	old Simi Quad		Pliocene
772	Simi Valley West	71	8	NE corner of quad	8-I	old Simi Quad		Pliocene
773	Simi Valley West	71	9	NE corner of quad	8-I	old Simi Quad		Pleistocene
774	Simi Valley West	71	10	NE corner of quad	8-I	old Simi Quad		Pleistocene
775	Simi Valley West	71	11	NE corner of quad	8-I	old Simi Quad		Pleistocene
776	Simi Valley West	71	12	NE corner of quad	8-I	old Simi Quad		Pleistocene
777	Simi Valley West	71	13	NE corner of quad	8-I	old Simi Quad		Pleistocene
778	Simi Valley West	71	14	NE corner of quad	8-I	old Simi Quad		Pleistocene
779	Simi Valley West	71	15	NE corner of quad	8-I	old Simi Quad		Pleistocene
780	Simi Valley West	71	16	NE corner of quad	8-I	old Simi Quad		Pleistocene
781	Canoga Park	72		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
782	Chimineas Ranch	72	4	Saltos Canyon	47-D	Caliente Mtn 15'	age from map	early Miocene Saucesian Stage
783	Chimineas Ranch	72	5	Saltos Canyon	47-D	Caliente Mtn 15'	age from map	early Miocene Saucesian Stage
784	Chimineas Ranch	72	6	Saltos Canyon	47-D	Caliente Mtn 15'	age from map	early Miocene Saucesian Stage
785	Chimineas Ranch	72	7	Saltos Canyon	47-D	Caliente Mtn 15'	age from map	early Miocene Saucesian Stage
786	Chimineas Ranch	72	8	Saltos Canyon	47-D	Caliente Mtn 15'	age from map	early Miocene Saucesian Stage
787	Moorpark	72	4B	Bixby Road	no slide	strat column		Pliocene
788	Moorpark	72	6	Bixby Road	no slide	strat column		Pliocene
789	Moorpark	72	1	Bixby Road	no slide	strat column		Pliocene
790	Moorpark	72	2	Bixby Road	no slide	strat column		Pliocene
791	Moorpark	72	3	Bixby Road	no slide	strat column		Pliocene
792	Moorpark	72	4	Bixby Road	no slide	strat column	abun planktics	Pliocene
793	Moorpark	72	5	Bixby Road	no slide	strat column	abun planktics	Pliocene
794	Moorpark	72	6	Bixby Road	no slide	strat column	abun planktics	Pliocene
795	Moorpark	73	1	Grimes Canyon	8-H		Saugus Fm	Pliocene or Pleistocene
796	Moorpark	73	2	Grimes Canyon	8-H		Saugus Fm	Pliocene or Pleistocene
797	Moorpark	73	3	Grimes Canyon	8-H		Saugus Fm	Pliocene or Pleistocene
798	Moorpark	73	1	Grimes Canyon	8-H			Pleistocene
799	Moorpark	73	2	Grimes Canyon	8-H			Pleistocene
800	Caliente Mountain	74	5	WC part of quad	D-6	Caliente Mtn 15'		no paleo report
801	Carpenteria	74	1AA5	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
802	Carpenteria	74	1AA10	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
803	Carpenteria	74	1AA15	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
804	Carpenteria	74	1B20	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
805	Carpenteria	74	1B15	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
806	Carpenteria	74	1A10	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
807	Carpenteria	74		Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
808	Carpenteria	74		Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
809	Carpenteria	74	2B15	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
810	Carpenteria	74	2B10	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
811	Carpenteria	74	2B5	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
812	Carpenteria	74	2A15	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
813	Carpenteria	74	2A10	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
814	Carpenteria	74	2A5	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
815	Carpenteria	74		Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
816	Carpenteria	74	1C10	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
817	Carpenteria	74	1C15	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
818	Carpenteria	74	1B13	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
819	Carpenteria	74	3A15	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
820	Carpenteria	74	3A10	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
821	Carpenteria	74	3A5	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
822	Carpenteria	74	3A20	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
823	Carpenteria	74	3	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
824	Carpenteria	74	4A25	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
825	Carpenteria	74	3C15	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
826	Carpenteria	74	3C10	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
827	Carpenteria	74	3C5	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
828	Carpenteria	74	3B15	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
829	Carpenteria	74	3B10	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
830	Carpenteria	74	3B5	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
831	Carpenteria	74	4A20	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
832	Carpenteria	74	4A15	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
833	Carpenteria	74	4A10	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
834	Carpenteria	74	4A5	Picay Creek	44-F	auger	strat column	Oligocene Zemorrian Stage
835	Carpenteria	74	4	Picay Creek	44-F	auger	strat column	early Miocene Saucesian Stage
836	Carpenteria	74	4	Picay Creek	44-F	auger	strat column	early Miocene Saucesian Stage
837	Carpenteria	74	5A25	Picay Creek	44-F	auger	strat column	early Miocene Saucesian Stage
838	Carpenteria	74	5A20	Picay Creek	44-F	auger	strat column	early Miocene Saucesian Stage
839	Carpenteria	74	5A15	Picay Creek	44-F	auger	strat column	early Miocene Saucesian Stage
840	Carpenteria	74	5A10	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
841	Carpenteria	74	37035	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
842	Carpenteria	74	36647	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
843	Carpenteria	74	36678	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
844	Carpenteria	74	7A-25	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
845	Carpenteria	74	7A-20	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
846	Carpenteria	74	7A-13	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
847	Carpenteria	74	7A-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
848	Carpenteria	74	36708	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
849	Carpenteria	74	36739	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
850	Carpenteria	74	15919	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
851	Carpenteria	74	36770	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
852	Carpenteria	74	37200	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
853	Carpenteria	74	15A5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
854	Carpenteria	74	15-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
855	Carpenteria	74	19-0	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
856	Carpenteria	74	26-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
857	Carpenteria	74	27-0	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
858	Carpenteria	74	27-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
859	Carpenteria	74	28-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
860	Carpenteria	74	28-10	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
861	Carpenteria	74	29-0	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
862	Carpenteria	74	30-10	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
863	Carpenteria	74	31-0	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
864	Carpenteria	74	31-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
865	Carpenteria	74	31-15	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
866	Carpenteria	74	31-10	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
867	Carpenteria	74	31-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
868	Carpenteria	74	38-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
869	Carpenteria	74	38-10	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
870	Carpenteria	74	39-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
871	Carpenteria	74	39-10	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
872	Carpenteria	74	40-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
873	Carpenteria	74	40-10	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
874	Carpenteria	74	41-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
875	Carpenteria	74	41-10	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
876	Carpenteria	74	41-15	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
877	Carpenteria	74	42-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
878	Carpenteria	74	42-16	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
879	Carpenteria	74	43-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
880	Carpenteria	74	43-10	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
881	Carpenteria	74	44-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
882	Carpenteria	74	44-10	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
883	Carpenteria	74	45-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
884	Carpenteria	74	45-10	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
885	Carpenteria	74	46-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
886	Carpenteria	74	46-10	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
887	Carpenteria	74	47-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
888	Carpenteria	74	49-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
889	Carpenteria	74	50-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
890	Carpenteria	74	51-5	Picay Creek	44-G	auger	strat column	early Miocene Saucesian Stage
891	Santa Barbara	76	1	auger, Lauro Cyn	44-A	see loc # 74		Oligocene Zemorrian Stage
892	Santa Barbara	76	3	auger, Lauro Cyn	44-A	strat column		Oligocene Zemorrian Stage
893	Santa Barbara	76	4	auger, Lauro Cyn	44-A	strat column		Oligocene Zemorrian Stage
894	Santa Barbara	76	219	auger, Lauro Cyn	44-A	strat column		Oligocene Zemorrian Stage
895	Santa Barbara	76	220	auger, Lauro Cyn	44-A	strat column		Oligocene Zemorrian Stage
896	Santa Barbara	76	222	auger, Lauro Cyn	44-A	strat column		Oligocene Zemorrian Stage
897	Santa Barbara	76	5	auger, Lauro Cyn	44-A	strat column		Oligocene Zemorrian Stage
898	Santa Barbara	76	7	auger, Lauro Cyn	44-A	strat column		early Miocene Saucesian Stage
899	Santa Barbara	76	8	auger, Lauro Cyn	44-A	strat column		early Miocene Saucesian Stage
900	Santa Barbara	76	29-5	auger, Lauro Cyn	44-A	strat column		early Miocene Saucesian Stage
901	Santa Barbara	76	5-Sep	auger, Lauro Cyn	44-A	strat column		early Miocene Saucesian Stage
902	Santa Barbara	76	32-18	auger, Lauro Cyn	44-A	strat column		early Miocene Saucesian Stage
903	Santa Barbara	76	32-10	auger, Lauro Cyn	44-A	strat column		early Miocene Saucesian Stage
904	Santa Barbara	76	32-5	auger, Lauro Cyn	44-A	strat column		early Miocene Saucesian Stage
905	Santa Barbara	76	34-5	auger, Lauro Cyn	44-A	strat column		early Miocene Saucesian Stage
906	Santa Barbara	76	33-5	auger, Lauro Cyn	44-A	strat column		early Miocene Saucesian Stage
907	Santa Barbara	76	32-23	auger, Lauro Cyn	44-A	strat column		early Miocene Saucesian Stage
908	Santa Barbara	76	56-10	auger, Lauro Cyn	44-A	strat column		early Miocene Saucesian Stage
909	Santa Barbara	76	36-15	auger, Lauro Cyn	44-A	strat column		early Miocene Saucesian Stage
910	Santa Barbara	76	35-5	auger, Lauro Cyn	44-A	strat column		early Miocene Saucesian Stage
911	Santa Barbara	76	64-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
912	Santa Barbara	76	63-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
913	Santa Barbara	76	65-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
914	Santa Barbara	76	65-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
915	Santa Barbara	76	64-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
916	Santa Barbara	76	67-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
917	Santa Barbara	76	66-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
918	Santa Barbara	76	66-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
919	Santa Barbara	76	69-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
920	Santa Barbara	76	68-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
921	Santa Barbara	76	67-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
922	Santa Barbara	76	72-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
923	Santa Barbara	76	72-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
924	Santa Barbara	76	71-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
925	Santa Barbara	76	75-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
926	Santa Barbara	76	73-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
927	Santa Barbara	76	73-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
928	Santa Barbara	76	75-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
929	Santa Barbara	76	75-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
930	Santa Barbara	76	74-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
931	Santa Barbara	76	77-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
932	Santa Barbara	76	76-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
933	Santa Barbara	76	76-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
934	Santa Barbara	76	78-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
935	Santa Barbara	76	78-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
936	Santa Barbara	76	77-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
937	Santa Barbara	76	80-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
938	Santa Barbara	76	79-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
939	Santa Barbara	76	79-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
940	Santa Barbara	76	82-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
941	Santa Barbara	76	81-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
942	Santa Barbara	76	80-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
943	Santa Barbara	76	83-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
944	Santa Barbara	76	83-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
945	Santa Barbara	76	83-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
946	Santa Barbara	76	85-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
947	Santa Barbara	76	84-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
948	Santa Barbara	76	84-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
949	Santa Barbara	76	86-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
950	Santa Barbara	76	86-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
951	Santa Barbara	76	85-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
952	Santa Barbara	76	88-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
953	Santa Barbara	76	87-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
954	Santa Barbara	76	87-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
955	Santa Barbara	76	89-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
956	Santa Barbara	76	89-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
957	Santa Barbara	76	88-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
958	Santa Barbara	76	91-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
959	Santa Barbara	76	90-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
960	Santa Barbara	76	90-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
961	Santa Barbara	76	92-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
962	Santa Barbara	76	92-10	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage
963	Santa Barbara	76	91-5	auger, Lauro Cyn	44-B	strat column		early Miocene Saucesian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
964	Santa Barbara	76	94-10	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
965	Santa Barbara	76	93-10	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
966	Santa Barbara	76	93-5	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
967	Santa Barbara	76	96-5	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
968	Santa Barbara	76	95-5	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
969	Santa Barbara	76	94-5	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
970	Santa Barbara	76	98-10	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
971	Santa Barbara	76	97-10	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
972	Santa Barbara	76	99-10	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
973	Santa Barbara	76	98-5	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
974	Santa Barbara	76	99-5	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
975	Santa Barbara	76	99-10	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
976	Santa Barbara	76	100-5	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
977	Santa Barbara	76	100-10	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
978	Santa Barbara	76	101-10	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
979	Santa Barbara	76	100-5	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
980	Santa Barbara	76	102-5	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
981	Santa Barbara	76	101-5	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
982	Santa Barbara	76	103-5	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
983	Santa Barbara	76	102-10	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
984	Santa Barbara	76	103-10	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
985	Santa Barbara	76	103-5	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
986	Santa Barbara	76	104-5	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
987	Santa Barbara	76	106-3	auger, Lauro Cyn	44-H	strat column		early Miocene Saucesian Stage
988	Santa Barbara	76	105-13	auger, Lauro Cyn	44-H	strat column		early Miocene Saucesian Stage
989	Santa Barbara	76	105-8	auger, Lauro Cyn	44-H	strat column		early Miocene Saucesian Stage
990	Santa Barbara	76	107	auger, Lauro Cyn	44-H	strat column		early Miocene Saucesian Stage
991	Santa Barbara	76	106-13	auger, Lauro Cyn	44-H	strat column		early Miocene Saucesian Stage
992	Santa Barbara	76	106-8	auger, Lauro Cyn	44-H	strat column		early Miocene Saucesian Stage
993	Santa Barbara	76	110	auger, Lauro Cyn	44-H	strat column		early Miocene Saucesian Stage
994	Santa Barbara	76	109	auger, Lauro Cyn	44-H	strat column		early Miocene Saucesian Stage
995	Santa Barbara	76	108	auger, Lauro Cyn	44-H	strat column		early Miocene Saucesian Stage
996	Santa Barbara	76	111-3	auger, Lauro Cyn	44-H	strat column		early Miocene Saucesian Stage
997	Santa Barbara	76	111-8	auger, Lauro Cyn	44-H	strat column		early Miocene Saucesian Stage
998	Santa Barbara	76	112-3	auger, Lauro Cyn	44-H	strat column		early Miocene Saucesian Stage
999	Santa Barbara	76	112-8	auger, Lauro Cyn	44-H	strat column		early Miocene Saucesian Stage
1000	Santa Barbara	76	112-13	auger, Lauro Cyn	44-H	strat column		early Miocene Saucesian Stage
1001	Santa Barbara	76	113-3	auger, Lauro Cyn	44-H	strat column		early Miocene Saucesian Stage
1002	Santa Barbara	76	113-8	auger, Lauro Cyn	44-H	strat column		early Miocene Saucesian Stage
1003	Santa Barbara	76	113-13	auger, Lauro Cyn	44-H	strat column		early Miocene Saucesian Stage
1004	Santa Barbara	76	114-3	auger, Lauro Cyn	44-I	strat column		early Miocene Saucesian Stage
1005	Santa Barbara	76	114-8	auger, Lauro Cyn	44-I	strat column		early Miocene Saucesian Stage
1006	Santa Barbara	76	114-13	auger, Lauro Cyn	44-I	strat column		early Miocene Saucesian Stage
1007	Santa Barbara	76	3	auger, Lauro Cyn	128-H	strat column		early Miocene Saucesian Stage
1008	Santa Barbara	76	4	auger, Lauro Cyn	128-H	strat column		early Miocene Saucesian Stage
1009	Santa Barbara	76	32	auger, Lauro Cyn	128-H	strat column		early Miocene Saucesian Stage
1010	Santa Barbara	76	32	auger, Lauro Cyn	128-H	strat column		early Miocene Saucesian Stage
1011	Santa Barbara	76	33	auger, Lauro Cyn	128-H	strat column		early Miocene Saucesian Stage
1012	Santa Barbara	76	34	auger, Lauro Cyn	128-H	strat column		early Miocene Saucesian Stage
1013	Santa Barbara	76	35	auger, Lauro Cyn	128-H	strat column		early Miocene Saucesian Stage
1014	Santa Barbara	76	36	auger, Lauro Cyn	118-H	strat column		early Miocene Saucesian Stage
1015	Santa Barbara	76	75	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1016	Santa Barbara	76	76	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1017	Santa Barbara	76	77	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1018	Santa Barbara	76	78	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1019	Santa Barbara	76	79	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1020	Santa Barbara	76	80	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1021	Santa Barbara	76	81	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1022	Santa Barbara	76	82	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1023	Santa Barbara	76	83	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1024	Santa Barbara	76	84	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1025	Santa Barbara	76	85	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1026	Santa Barbara	76	86	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1027	Santa Barbara	76	87	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1028	Santa Barbara	76	88	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1029	Santa Barbara	76	89	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1030	Santa Barbara	76	90	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1031	Santa Barbara	76	91	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1032	Santa Barbara	76	92	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1033	Santa Barbara	76	93	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1034	Santa Barbara	76	95	auger, Lauro Cyn	118-H	strat column		early Miocene Saucesian Stage
1035	Santa Barbara	76	96	auger, Lauro Cyn	118-H	strat column		early Miocene Saucesian Stage
1036	Santa Barbara	76	97	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1037	Santa Barbara	76	99	auger, Lauro Cyn	118-H	strat column		early Miocene Saucesian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
1038	Santa Barbara	76	100	auger, Lauro Cyn	118-H	strat column		early Miocene Saucesian Stage
1039	Santa Barbara	76	101	auger, Lauro Cyn	118-H	strat column		early Miocene Saucesian Stage
1040	Santa Barbara	76	102	auger, Lauro Cyn	118-H	strat column		early Miocene Saucesian Stage
1041	Santa Barbara	76	103	auger, Lauro Cyn	118-H	strat column		early Miocene Saucesian Stage
1042	Santa Barbara	76	104	auger, Lauro Cyn	118-H	strat column		early Miocene Saucesian Stage
1043	Santa Barbara	76	104	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1044	Santa Barbara	76	105	auger, Lauro Cyn	118-H	strat column		early Miocene Saucesian Stage
1045	Santa Barbara	76	106	auger, Lauro Cyn	128-I	strat column		early Miocene Saucesian Stage
1046	Santa Barbara	76	106	auger, Lauro Cyn	118-J	strat column		early Miocene Saucesian Stage
1047	Santa Barbara	76	107	auger, Lauro Cyn	118-J	strat column		early Miocene Saucesian Stage
1048	Santa Barbara	76	108	auger, Lauro Cyn	118-J	strat column		early Miocene Saucesian Stage
1049	Santa Barbara	76	109	auger, Lauro Cyn	118-J	strat column		early Miocene Saucesian Stage
1050	Santa Barbara	76	111	auger, Lauro Cyn	118-J	strat column		early Miocene Saucesian Stage
1051	Santa Barbara	76	111	auger, Lauro Cyn	118-H	strat column		early Miocene Saucesian Stage
1052	Santa Barbara	76	112	auger, Lauro Cyn	118-J	strat column		early Miocene Saucesian Stage
1053	Santa Barbara	76	113	auger, Lauro Cyn	118-H	strat column		early Miocene Saucesian Stage
1054	Santa Barbara	76	114	auger, Lauro Cyn	118-H	strat column		early Miocene Saucesian Stage
1055	Caliente Mountain	77	1	not on map	52-D	Caliente Mtn 15'	strat column	early Miocene Saucesian Stage
1056	Caliente Mountain	77	2	not on map	52-D	Caliente Mtn 15'	and check list	early Miocene Saucesian Stage
1057	Caliente Mountain	77	3	not on map	52-D	Caliente Mtn 15'	strat column	early Miocene Saucesian Stage
1058	Caliente Mountain	77	4	not on map	52-D	Caliente Mtn 15'	strat column	early Miocene Saucesian Stage
1059	Caliente Mountain	77	5	not on map	52-D	Caliente Mtn 15'	strat column	early Miocene Relizian Stage
1060	Caliente Mountain	77	6	not on map	52-D	Caliente Mtn 15'	strat column	early Miocene Relizian Stage
1061	Caliente Mountain	77	7	not on map	52-D	Caliente Mtn 15'	strat column	early Miocene Relizian Stage
1062	Caliente Mountain	77	8	not on map	52-D	Caliente Mtn 15'	strat column	early Miocene Relizian Stage
1063	Caliente Mountain	77	9	not on map	52-D	Caliente Mtn 15'	strat column	early Miocene Relizian Stage
1064	Caliente Mountain	77	1	not on map	52-F	Caliente Mtn 15'	strat column	early Miocene Relizian Stage
1065	Caliente Mountain	77	2	not on map	52-F	Caliente Mtn 15'	strat column	early Miocene Relizian Stage
1066	Caliente Mountain	77	3	not on map	52-F	Caliente Mtn 15'	strat column	early Miocene Relizian Stage
1067	Caliente Mountain	77	4	not on map	52-F	Caliente Mtn 15'	strat column	early Miocene Relizian Stage
1068	Caliente Mountain	77	6	not on map	52-F	Caliente Mtn 15'	strat column	early Miocene Relizian Stage
1069	Caliente Mountain	77	8	not on map	52-F	Caliente Mtn 15'	strat column	early Miocene Relizian Stage
1070	Caliente Mountain	77	9	not on map	52-F	Caliente Mtn 15'	strat column	early Miocene Relizian Stage
1071	Caliente Mountain	77	10	not on map	52-F	Caliente Mtn 15'	strat column	early Miocene Relizian Stage
1072	Caliente Mountain	77	15	not on map	52-F	Caliente Mtn 15'	strat column	early Miocene Relizian Stage
1073	Caliente Mountain	77	16	not on map	52-F	Caliente Mtn 15'	strat column	early Miocene Relizian Stage
1074	Caliente Mountain	77	17	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1075	Caliente Mountain	77	18	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1076	Caliente Mountain	77	19	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1077	Caliente Mountain	77	20	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1078	Caliente Mountain	77	21	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1079	Caliente Mountain	77	22	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1080	Caliente Mountain	77	23	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1081	Caliente Mountain	77	24	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1082	Caliente Mountain	77	25	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1083	Caliente Mountain	77	26	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1084	Caliente Mountain	77	27	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1085	Caliente Mountain	77	28	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1086	Caliente Mountain	77	29	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1087	Caliente Mountain	77	30	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1088	Caliente Mountain	77	31	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1089	Caliente Mountain	77	32	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1090	Caliente Mountain	77	33	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1091	Caliente Mountain	77	34	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1092	Caliente Mountain	77	35	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1093	Caliente Mountain	77	36	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1094	Caliente Mountain	77	37	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1095	Caliente Mountain	77	38	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1096	Caliente Mountain	77	39	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene lower Luisian Stage
1097	Caliente Mountain	77	40	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene upper Luisian Stage
1098	Caliente Mountain	77	41	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene upper Luisian Stage
1099	Caliente Mountain	77	42	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene upper Luisian Stage
1100	Caliente Mountain	77	43	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene upper Luisian Stage
1101	Caliente Mountain	77	44	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene upper Luisian Stage
1102	Caliente Mountain	77	45	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene upper Luisian Stage
1103	Caliente Mountain	77	47	not on map	52-F	Caliente Mtn 15'	strat column	middle Miocene upper Luisian Stage
1104	Canoga Park	77		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1105	Santa Barbara	77	3	auger, Lauro Cyn	44-C	see loc # 74		early Miocene Saucesian Stage
1106	Santa Barbara	77	4	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
1107	Santa Barbara	77	4	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
1108	Santa Barbara	77	5	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
1109	Santa Barbara	77	5	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
1110	Santa Barbara	77	6	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
1111	Santa Barbara	77	6	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
1112	Santa Barbara	77	7	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
1113	Santa Barbara	77	7	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
1114	Santa Barbara	77	8	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
1115	Santa Barbara	77	8	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
1116	Santa Barbara	77	9	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
1117	Santa Barbara	77	9	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
1118	Santa Barbara	77	10	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
1119	Santa Barbara	77	10	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
1120	Santa Barbara	77	11	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
1121	Santa Barbara	77	12	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
1122	Santa Barbara	77	12	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
1123	Santa Barbara	77	13-5	auger, Lauro Cyn	44-C	strat column		early Miocene Saucesian Stage
1124	Santa Barbara	77	13-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1125	Santa Barbara	77	14-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1126	Santa Barbara	77	14-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1127	Santa Barbara	77	15-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1128	Santa Barbara	77	15-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1129	Santa Barbara	77	17-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1130	Santa Barbara	77	18-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1131	Santa Barbara	77	18-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1132	Santa Barbara	77	19-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1133	Santa Barbara	77	20-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1134	Santa Barbara	77	20-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1135	Santa Barbara	77	22-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1136	Santa Barbara	77	22-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1137	Santa Barbara	77	23-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1138	Santa Barbara	77	23-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1139	Santa Barbara	77	24-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1140	Santa Barbara	77	25-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1141	Santa Barbara	77	25-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1142	Santa Barbara	77	26-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1143	Santa Barbara	77	26-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1144	Santa Barbara	77	27-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1145	Santa Barbara	77	27-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1146	Santa Barbara	77	28-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1147	Santa Barbara	77	28-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1148	Santa Barbara	77	29-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1149	Santa Barbara	77	29-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1150	Santa Barbara	77	30-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1151	Santa Barbara	77	30-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1152	Santa Barbara	77	31-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1153	Santa Barbara	77	31-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1154	Santa Barbara	77	32-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1155	Santa Barbara	77	32-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1156	Santa Barbara	77	34-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1157	Santa Barbara	77	35-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1158	Santa Barbara	77	35-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1159	Santa Barbara	77	36-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1160	Santa Barbara	77	36-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1161	Santa Barbara	77	37-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1162	Santa Barbara	77	38-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1163	Santa Barbara	77	38-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1164	Santa Barbara	77	39-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1165	Santa Barbara	77	39-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1166	Santa Barbara	77	40-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1167	Santa Barbara	77	40-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1168	Santa Barbara	77	41-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1169	Santa Barbara	77	41-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1170	Santa Barbara	77	42-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1171	Santa Barbara	77	42-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1172	Santa Barbara	77	43-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1173	Santa Barbara	77	43-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1174	Santa Barbara	77	44-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1175	Santa Barbara	77	45-5	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1176	Santa Barbara	77	45-8	auger, Lauro Cyn	44-D	strat column		early Miocene Saucesian Stage
1177	Santa Barbara	77	46-5	auger, Lauro Cyn	44-E	strat column		early Miocene Saucesian Stage
1178	Santa Barbara	77	47-5	auger, Lauro Cyn	44-E	strat column		early Miocene Saucesian Stage
1179	Santa Barbara	77	48-8	auger, Lauro Cyn	44-E	strat column		early Miocene Saucesian Stage
1180	Santa Barbara	77	49-5	auger, Lauro Cyn	44-E	strat column		early Miocene Saucesian Stage
1181	Santa Barbara	77	49-8	auger, Lauro Cyn	44-E	strat column		early Miocene Saucesian Stage
1182	Santa Barbara	77	50-5	auger, Lauro Cyn	44-E	strat column		early Miocene Saucesian Stage
1183	Santa Barbara	77	51-5	auger, Lauro Cyn	44-E	strat column		early Miocene Saucesian Stage
1184	Santa Barbara	77	51-8	auger, Lauro Cyn	44-E	strat column		early Miocene Saucesian Stage
1185	Santa Barbara	77	98	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
1186	Santa Barbara	77	99	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1187	Santa Barbara	77	100	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1188	Santa Barbara	77	101	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1189	Santa Barbara	77	102	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1190	Santa Barbara	77	103	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1191	Santa Barbara	77	104	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1192	Santa Barbara	77	105	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1193	Santa Barbara	77	106	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1194	Santa Barbara	77	107	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1195	Santa Barbara	77	108	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1196	Santa Barbara	77	109	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1197	Santa Barbara	77	110	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1198	Santa Barbara	77	111	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1199	Santa Barbara	77	112	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1200	Santa Barbara	77	113	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1201	Santa Barbara	77	114	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1202	Santa Barbara	77	115	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1203	Santa Barbara	77	116	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1204	Santa Barbara	77	117	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1205	Santa Barbara	77	118	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1206	Santa Barbara	77	119	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1207	Santa Barbara	77	120	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1208	Santa Barbara	77	121	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1209	Santa Barbara	77	122	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1210	Santa Barbara	77	123	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1211	Santa Barbara	77	124	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1212	Santa Barbara	77	125	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1213	Santa Barbara	77	126	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1214	Santa Barbara	77	127	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1215	Santa Barbara	77	128	auger, Lauro Cyn	44-E	strat column		Oligocene Zemorrian Stage
1216	Santa Barbara	77	129	auger, Lauro Cyn	44-E	strat column		early Miocene Saucesian Stage
1217	Santa Barbara	77	130	auger, Lauro Cyn	44-E	strat column		early Miocene Saucesian Stage
1218	Santa Barbara	77	131	auger, Lauro Cyn	44-E	strat column		early Miocene Saucesian Stage
1219	Santa Barbara	77	132	auger, Lauro Cyn	44-E	strat column		early Miocene Saucesian Stage
1220	Santa Barbara	77	133	auger, Lauro Cyn	44-E	strat column		early Miocene Saucesian Stage
1221	Santa Barbara	77	134	auger, Lauro Cyn	44-E	strat column		early Miocene Saucesian Stage
1222	Santa Barbara	77	135	auger, Lauro Cyn	44-E	strat column		early Miocene Saucesian Stage
1223	Santa Barbara	77	136	auger, Lauro Cyn	44-F	strat column		early Miocene Saucesian Stage
1224	Santa Barbara	77	138	auger, Lauro Cyn	44-F	strat column		early Miocene Saucesian Stage
1225	Santa Barbara	77	139	auger, Lauro Cyn	44-F	strat column		early Miocene Saucesian Stage
1226	Santa Barbara	77	144	auger, Lauro Cyn	44-F	strat column		early Miocene Saucesian Stage
1227	Santa Barbara	77	145	auger, Lauro Cyn	44-F	strat column		early Miocene Saucesian Stage
1228	Santa Barbara	77	146	auger, Lauro Cyn	44-F	strat column		early Miocene Saucesian Stage
1229	Santa Barbara	77	151	auger, Lauro Cyn	44-F	strat column		early Miocene Saucesian Stage
1230	Santa Barbara	77	153	auger, Lauro Cyn	44-F	strat column		early Miocene Saucesian Stage
1231	Santa Barbara	77	154	auger, Lauro Cyn	44-F	strat column		early Miocene Saucesian Stage
1232	Santa Barbara	77	155	auger, Lauro Cyn	44-F	strat column		early Miocene Saucesian Stage
1233	Santa Barbara	77	156	auger, Lauro Cyn	44-F	strat column		early Miocene Saucesian Stage
1234	Canoga Park	78		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1235	Goleta	78	1	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1236	Goleta	78	2	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1237	Goleta	78	3	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1238	Goleta	78	4	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1239	Goleta	78	5	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1240	Goleta	78	6	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1241	Goleta	78	7	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1242	Goleta	78	8	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1243	Goleta	78	9	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1244	Goleta	78	10	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1245	Goleta	78	11	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1246	Goleta	78	12	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1247	Goleta	78	13	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1248	Goleta	78	14	La Patera Rancho	no slide	section faulted		early Miocene Saucesian Stage
1249	Goleta	78	15	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1250	Goleta	78	16	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1251	Goleta	78	17	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1252	Goleta	78	18	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1253	Goleta	78	19	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1254	Goleta	78	20	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1255	Goleta	78	21	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1256	Goleta	78	22	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1257	Goleta	78	23	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1258	Goleta	78	24	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1259	Goleta	78	25	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
1260	Goleta	78	26	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1261	Goleta	78	27	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1262	Goleta	78	28	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1263	Goleta	78	29	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1264	Goleta	78	30	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1265	Goleta	78	31	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1266	Goleta	78	32	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1267	Goleta	78	33	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1268	Goleta	78	34	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1269	Goleta	78	35	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1270	Goleta	78	36	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1271	Goleta	78	37	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1272	Goleta	78	38	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1273	Goleta	78	39	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1274	Goleta	78	40	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1275	Goleta	78	41	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1276	Goleta	78	42	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1277	Goleta	78	43	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1278	Goleta	78	44	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1279	Goleta	78	45	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1280	Goleta	78	46	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1281	Goleta	78	47	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1282	Goleta	78	48	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1283	Goleta	78	49	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1284	Goleta	78	50	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1285	Goleta	78	51	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1286	Goleta	78	52	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1287	Goleta	78	53	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1288	Goleta	78	54	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1289	Goleta	78	55	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1290	Goleta	78	56	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1291	Goleta	78	57	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1292	Goleta	78	58	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1293	Goleta	78	59	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1294	Goleta	78	60	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1295	Goleta	78	61	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1296	Goleta	78	62	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1297	Goleta	78	63	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1298	Goleta	78	64	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1299	Goleta	78	65	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1300	Goleta	78	66	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1301	Goleta	78	67	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1302	Goleta	78	68	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1303	Goleta	78	69	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1304	Goleta	78	70	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1305	Goleta	78	71	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1306	Goleta	78	72	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1307	Goleta	78	73	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1308	Goleta	78	74	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1309	Goleta	78	75	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1310	Goleta	78	76	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1311	Goleta	78	77	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1312	Goleta	78	78	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1313	Goleta	78	79	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1314	Goleta	78	80	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1315	Goleta	78	81	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1316	Goleta	78	82	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1317	Goleta	78	83	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1318	Goleta	78	84	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1319	Goleta	78	85	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1320	Goleta	78	86	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1321	Goleta	78	87	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1322	Goleta	78	88	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1323	Goleta	78	89	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1324	Goleta	78	90	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1325	Goleta	78	91	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1326	Goleta	78	92	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1327	Goleta	78	93	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1328	Goleta	78	94	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1329	Goleta	78	95	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1330	Goleta	78	96	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1331	Goleta	78	97	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1332	Goleta	78	98	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1333	Goleta	78	99	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
1334	Goleta	78	100	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1335	Goleta	78	101	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1336	Goleta	78	102	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1337	Goleta	78	103	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1338	Goleta	78	104	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1339	Goleta	78	105	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1340	Goleta	78	106	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1341	Goleta	78	107	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1342	Goleta	78	108	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1343	Goleta	78	109	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1344	Goleta	78	110	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1345	Goleta	78	111	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1346	Goleta	78	112	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1347	Goleta	78	113	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1348	Goleta	78	114	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1349	Goleta	78	115	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1350	Goleta	78	116	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1351	Goleta	78	117	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1352	Goleta	78	118	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1353	Goleta	78	119	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1354	Goleta	78	120	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1355	Goleta	78	121	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1356	Goleta	78	122	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1357	Goleta	78	123	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1358	Goleta	78	124	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1359	Goleta	78	125	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1360	Goleta	78	126	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1361	Goleta	78	127	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1362	Goleta	78	128	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1363	Goleta	78	129	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1364	Goleta	78	130	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1365	Goleta	78	131	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1366	Goleta	78	132	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1367	Goleta	78	133	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1368	Goleta	78	134	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1369	Goleta	78	135	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1370	Goleta	78	136	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1371	Goleta	78	137	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1372	Goleta	78	138	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1373	Goleta	78	138	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1374	Goleta	78	140	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1375	Goleta	78	141	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1376	Goleta	78	142	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1377	Goleta	78	143	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1378	Goleta	78	201	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1379	Goleta	78	202	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1380	Goleta	78	203	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1381	Goleta	78	204	La Patera Rancho	no slide	strat column and	check list	early Miocene Saucesian Stage
1382	Goleta	78	205	La Patera Rancho	no slide	strat column and	check list	Oligocene Zemorrian Stage
1383	Maricopa	81	50	Elkhorn Plain	67-C	strat column		Oligocene Zemorrian Stage
1384	Maricopa	81	54	Elkhorn Plain	67-C	strat column		Oligocene Zemorrian or early Miocene Saucesian Stage
1385	Maricopa	81	56	Elkhorn Plain	67-C	strat column		Oligocene Zemorrian or early Miocene Saucesian Stage
1386	Maricopa	81	60	Elkhorn Plain	67-C	strat column		Oligocene Zemorrian or early Miocene Saucesian Stage
1387	Maricopa	81	66	Elkhorn Plain	67-C	strat column		Oligocene Zemorrian or early Miocene Saucesian Stage
1388	Canoga Park	84		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1389	Tajiguas	84	50	Capitan State Bch	no slide	have strat column	and check list	middle and late Miocene upper Mohnian Stage
1390	Tajiguas	84	68	Capitan State Bch	no slide			middle and late Miocene upper Mohnian Stage
1391	Tajiguas	84	69	Capitan State Bch	no slide			middle and late Miocene Mohnian Stage
1392	Tajiguas	84	90	Capitan State Bch	no slide			middle and late Miocene Mohnian Stage
1393	Tajiguas	84	91	Capitan State Bch	no slide			middle and late Miocene lower Mohnian Stage
1394	Tajiguas	84	100	Capitan State Bch	no slide			middle and late Miocene lower Mohnian Stage
1395	Tajiguas	84	101	Capitan State Bch	no slide			middle Miocene Luisian Stage
1396	Tajiguas	84	110	Capitan State Bch	no slide			middle Miocene Luisian Stage
1397	Tajiguas	84	111	Capitan State Bch	no slide			early Miocene Relizian Stage
1398	Tajiguas	84	123	Capitan State Bch	no slide			early Miocene Relizian Stage
1399	Tajiguas	84	124	Capitan State Bch	no slide			early Miocene Saucesian Stage
1400	Tajiguas	84	271	Capitan State Bch	no slide			early Miocene Saucesian Stage
1401	Tajiguas	84	274	Capitan State Bch	no slide			Oligocene Zemorrian Stage
1402	Tajiguas	84	278	Capitan State Bch	no slide			Oligocene Zemorrian Stage
1403	Canoga Park	85		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1404	Lebec	86	8	SE part of quad	no slide			Miocene
1405	Canoga Park	87		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1406	Dana Point	87		Deep Canyon	24-B	old SJ Capist 62K		later Miocene
1407	Fillmore	87	1	SW part of quad	no slide		nonmarine	Pliocene and/or Pleistocene

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
1408	Fillmore	87	9B	SW part of quad	no slide		nonmarine	Pliocene and/or Pleistocene
1409	Fillmore	87	9C	SW part of quad	no slide		marine	Pliocene and/or Pleistocene
1410	Fillmore	87	10	SW part of quad	no slide		marine	Pliocene
1411	Fillmore	87	21	SW part of quad	no slide		marine	Pliocene
1412	Fillmore	87	22	SW part of quad	no slide		marine	Pliocene
1413	Fillmore	87	26	SW part of quad	no slide		marine	Pliocene
1414	Casmalia	88	1	E of Lion's Head	22-K	have strat column		middle Miocene
1415	Casmalia	88	2	E of Lion's Head	22-K			middle Miocene
1416	Casmalia	88	16	E of Lion's Head	22-K			middle Miocene
1417	Casmalia	88	16 cast	E of Lion's Head	31-N			middle Miocene
1418	Casmalia	88	16 cast	E of Lion's Head	31-N			middle Miocene
1419	Casmalia	88	18	E of Lion's Head	22-K			middle Miocene Luisian Stage
1420	Casmalia	88	19	E of Lion's Head	22-K			middle Miocene Luisian Stage
1421	Casmalia	88	20	E of Lion's Head	22-K			middle Miocene Luisian Stage
1422	Casmalia	88	21	E of Lion's Head	22-L			middle Miocene Luisian Stage
1423	Casmalia	88	22	E of Lion's Head	22-L			middle Miocene Luisian Stage
1424	Casmalia	88	23	E of Lion's Head	22-L			middle and late Miocene Mohnian? Stage
1425	Casmalia	88	29	E of Lion's Head	22-L			middle and late Miocene Mohnian? Stage
1426	Casmalia	88	30	E of Lion's Head	22-L			middle and late Miocene Mohnian? Stage
1427	Casmalia	88	31	E of Lion's Head	22-L			middle and late Miocene Mohnian? Stage
1428	Casmalia	88	32	E of Lion's Head	22-L			middle and late Miocene Mohnian? Stage
1429	Canoga Park	90		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1430	Reliz Canyon	91	1?	not on map	69-M		age on slide	middle Miocene lower Luisian Stage
1431	Reliz Canyon	91	1?	not on map	69-M		age on slide	early Miocene lower Saucesian Stage
1432	Reliz Canyon	91	2	not on map	69-M		age on slide	early Miocene Relizian Stage
1433	Reliz Canyon	91	3	not on map	69-M		age on slide	early Miocene Relizian Stage
1434	Reliz Canyon	91	4	not on map	69-M		age on slide	early Miocene lower Saucesian Stage
1435	Reliz Canyon	91	5	not on map	69-M		age on slide	early Miocene lower Saucesian Stage
1436	Reliz Canyon	91	6	not on map	69-M		age on slide	early Miocene lower Saucesian Stage
1437	Reliz Canyon	91		W of Herbert Rnch	12-K	Junipero Serra 15'	abun planktics	early Miocene Saucesian or Relizian Stage
1438	Canoga Park	94		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1439	Alcalde Hills	95	1	Coalmine Canyon	D-12	not on map	not on map but	all from Kreyenhagen Fm. and probably Eocene
1440	Alcalde Hills	95	2	Coalmine Canyon	D-12	not on map	26/20S/14E	and probably Eocene
1441	Alcalde Hills	95	3	Coalmine Canyon	D-12	not on map		and probably Eocene
1442	Alcalde Hills	95	4	Coalmine Canyon	D-12	not on map		and probably Eocene
1443	Alcalde Hills	95	7	Coalmine Canyon	D-12	not on map		and probably Eocene
1444	Canoga Park	95		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1445	Canoga Park	96		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1446	Moorpark	98	1	NE part of quad	23-B			early Miocene Saucesian Stage
1447	Moorpark	98	2	NE part of quad	23-B			early Miocene Saucesian Stage
1448	Moorpark	98	3	NE part of quad	23-B			early Miocene Saucesian Stage
1449	Moorpark	98	4	NE part of quad	23-B			early Miocene Saucesian Stage
1450	Moorpark	98	5	NE part of quad	23-B			early Miocene Saucesian Stage
1451	Moorpark	98	6	NE part of quad	23-B			early Miocene Saucesian Stage
1452	Moorpark	98	7	NE part of quad	23-B			early Miocene Saucesian Stage
1453	Moorpark	98	8	NE part of quad	23-B			early Miocene Saucesian Stage
1454	Moorpark	98	9	NE part of quad	23-B			early Miocene Saucesian Stage
1455	Moorpark	98	10	NE part of quad	23-B			early Miocene Saucesian Stage
1456	Moorpark	98	12	NE part of quad	23-B			middle and late Miocene lower Mohnian Stage
1457	Moorpark	98	13	NE part of quad	23-B			middle Miocene Luisian Stage
1458	Moorpark	98	16	NE part of quad	23-B			early Miocene Saucesian Stage
1459	Moorpark	98	17	NE part of quad	23-B			early Miocene Saucesian Stage
1460	Moorpark	98	18	NE part of quad	23-B			early Miocene Saucesian Stage
1461	Moorpark	98	19	NE part of quad	23-B			early Miocene Saucesian Stage
1462	Moorpark	98	20	NE part of quad	23-B			early Miocene Saucesian Stage
1463	Moorpark	98	17	NE part of quad	23-B			early Miocene Saucesian Stage
1464	Moorpark	98	18	NE part of quad	23-B			early Miocene Saucesian Stage
1465	Moorpark	98	18A	NE part of quad	23-B			early Miocene Saucesian Stage
1466	Moorpark	98	19	NE part of quad	23-B			early Miocene Saucesian Stage
1467	Moorpark	98	20	NE part of quad	23-B			early Miocene Saucesian Stage
1468	Moorpark	99	1	Grimes Canyon	33-G			middle and late Miocene lower Mohnian Stage
1469	Moorpark	99	11	Grimes Canyon	33-G			middle and late Miocene lower Mohnian Stage
1470	Moorpark	99	32	Grimes Canyon	33-G			middle Miocene Luisian Stage
1471	Moorpark	99	40	Grimes Canyon	33-G			middle and late Miocene lower Mohnian Stage
1472	Moorpark	99	63	Grimes Canyon	33-G			middle Miocene Luisian Stage
1473	Canoga Park	100		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1474	Goleta	101	"1-2"	San Piedro Creek	44-H	auger	see loc #74	early Miocene Saucesian Stage
1475	Goleta	101	"1-5"	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1476	Goleta	101	"1-10"	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1477	Goleta	101	"2-5	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1478	Goleta	101	"1-15	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1479	Goleta	101	"1-20	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1480	Goleta	101	"2-10	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1481	Goleta	101	"2-15	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage

	A	B	C	D	E	F	G	H
1	**USGS 7.5' QUAD**	**LOC #**	**SUB**	**GENERAL LOCATION**	**SLIDE #**	**MISCELLANEOUS**	**MISC**	**ZONE/STAGE/SERIES/AGE**
1482	Goleta	101	"3-5	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1483	Goleta	101	"3-10	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1484	Goleta	101	"3-15	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1485	Goleta	101	"4-5	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1486	Goleta	101	"6-5	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1487	Goleta	101	"6-10	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1488	Goleta	101	"6-15	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1489	Goleta	101	1A	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1490	Goleta	101	1B	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1491	Goleta	101	102A	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1492	Goleta	101	104B	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1493	Goleta	101	103B	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1494	Goleta	101	102B	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1495	Goleta	101	105A	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1496	Goleta	101	105B	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1497	Goleta	101	104A	San Piedro Creek	44-H	auger	strat column	early Miocene Saucesian Stage
1498	Tajiguas	102	1	l.8 mile NE Capitan	131-M		see loc #74	Oligocene Zemorrian Stage
1499	Tajiguas	102	2	l.8 mile NE Capitan	131-M		strat column	Oligocene Zemorrian Stage
1500	Tajiguas	102	3	l.8 mile NE Capitan	131-M		strat column	Oligocene Zemorrian Stage
1501	Tajiguas	102	4	l.8 mile NE Capitan	no slide			Oligocene Zemorrian Stage
1502	Tajiguas	102	22	l.8 mile NE Capitan	no slide			Oligocene Zemorrian Stage
1503	Tajiguas	102	23	l.8 mile NE Capitan	no slide			early Miocene Saucesian Stage
1504	Tajiguas	102	119	l.8 mile NE Capitan	no slide			early Miocene Saucesian Stage
1505	Canoga Park	103		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1506	Gaviota	103	1	NE part of quad	131-M	Arroyo Hondo	see loc #74	Oligocene Zemorrian Stage
1507	Gaviota	103	2	NE part of quad	131-M	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1508	Gaviota	103	3	NE part of quad	131-M	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1509	Gaviota	103	4	NE part of quad	131-M	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1510	Gaviota	103	5	NE part of quad	131-M	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1511	Gaviota	103	6	NE part of quad	131-M	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1512	Gaviota	103	7	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1513	Gaviota	103	8	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1514	Gaviota	103	9	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1515	Gaviota	103	10	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1516	Gaviota	103	11	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1517	Gaviota	103	12	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1518	Gaviota	103	13	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1519	Gaviota	103	14	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1520	Gaviota	103	15	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1521	Gaviota	103	16	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1522	Gaviota	103	17	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1523	Gaviota	103	18	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1524	Gaviota	103	19	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1525	Gaviota	103	20	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1526	Gaviota	103	21	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1527	Gaviota	103	22	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1528	Gaviota	103	23	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1529	Gaviota	103	24	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1530	Gaviota	103	25	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1531	Gaviota	103	26	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1532	Gaviota	103	27	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1533	Gaviota	103	28	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1534	Gaviota	103	29	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1535	Gaviota	103	30	NE part of quad	131-N	Arroyo Hondo	strat column	Oligocene Zemorrian Stage
1536	Gaviota	103	32	NE part of quad	131-N	Arroyo Hondo	strat column	early Miocene Saucesian Stage
1537	Gaviota	103	33	NE part of quad	131-N	Arroyo Hondo	strat column	early Miocene Saucesian Stage
1538	Gaviota	103	34	NE part of quad	131-N	Arroyo Hondo	strat column	early Miocene Saucesian Stage
1539	Gaviota	103	35	NE part of quad	131-N	Arroyo Hondo	strat column	early Miocene Saucesian Stage
1540	Gaviota	103	36	NE part of quad	131-N	Arroyo Hondo	strat column	early Miocene Saucesian Stage
1541	Gaviota	103	38	NE part of quad	131-N	Arroyo Hondo	strat column	early Miocene Saucesian Stage
1542	Gaviota	103	39	NE part of quad	131-N	Arroyo Hondo	strat column	early Miocene Saucesian Stage
1543	Canoga Park	104		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1544	Gaviota	104	1	0.8 mi SE Gaviota P	no slide		strat column	Oligocene Zemorrian Stage
1545	Gaviota	104	32	0.8 mi SE Gaviota P	no slide		strat column	Oligocene Zemorrian Stage
1546	Gaviota	104	33	0.8 mi SE Gaviota P	no slide		strat column	early Miocene Saucesian Stage
1547	Gaviota	104	211	0.8 mi SE Gaviota P	no slide		strat column	early Miocene Saucesian Stage
1548	Canoga Park	105		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1549	White Ledge Peak	106	1	SW corner of quad	no slide			middle and late Miocene Mohnian Stage
1550	White Ledge Peak	106	2	SW corner of quad	no slide			middle and late Miocene Mohnian Stage
1551	White Ledge Peak	106	3	SW corner of quad	no slide			middle and late Miocene Mohnian Stage
1552	White Ledge Peak	106	4	SW corner of quad	no slide			middle and late Miocene lower Mohnian Stage
1553	White Ledge Peak	106	5	SW corner of quad	no slide			middle Miocene Luisian Stage
1554	White Ledge Peak	106	6	SW corner of quad	no slide			middle Miocene Luisian Stage
1555	White Ledge Peak	106	7	SW corner of quad	no slide			middle Miocene Luisian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
1556	White Ledge Peak	106	8	SW corner of quad	no slide			middle Miocene lower Luisian Stage
1557	White Ledge Peak	106	9	SW corner of quad	no slide			early Miocene Relizian Stage
1558	White Ledge Peak	106	10	SW corner of quad	no slide			early Miocene Relizian Stage
1559	White Ledge Peak	106	11	SW corner of quad	no slide			early Miocene Relizian Stage
1560	White Ledge Peak	106	12	SW corner of quad	no slide			early Miocene Relizian Stage
1561	White Ledge Peak	107	1	SC part of quad	no slide	flood of planktics		early Miocene lower Relizian Stage
1562	White Ledge Peak	107	2	SC part of quad	no slide	abun planktics		early Miocene lower Relizian Stage
1563	White Ledge Peak	107	3	SC part of quad	no slide	flood of planktics		early Miocene lower Relizian Stage
1564	White Ledge Peak	107	4	SC part of quad	no slide	flood of planktics		early Miocene lower Relizian Stage
1565	Canoga Park	108		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1566	Ventura	108	1	center of quad	no slide	forams badly	leached	Pliocene
1567	Canoga Park	109		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1568	Gaviota	109	3	North of Gaviota	no slide			early Miocene Saucesian Stage
1569	Gaviota	109	4	North of Gaviota	no slide			early Miocene Saucesian Stage
1570	Gaviota	109	5	North of Gaviota	no slide			early Miocene Saucesian Stage
1571	Gaviota	109	6	North of Gaviota	no slide			early Miocene Saucesian Stage
1572	Gaviota	109	7	North of Gaviota	no slide			early Miocene Saucesian Stage
1573	Gaviota	109	8	North of Gaviota	no slide			early Miocene Saucesian Stage
1574	Gaviota	109	9	North of Gaviota	no slide			early Miocene Saucesian Stage
1575	Gaviota	109	10	North of Gaviota	no slide			early Miocene Saucesian Stage
1576	Gaviota	109	11	North of Gaviota	no slide			early Miocene Saucesian Stage
1577	Gaviota	109	12	North of Gaviota	no slide			early Miocene Saucesian Stage
1578	Gaviota	109	13	North of Gaviota	no slide			early Miocene Saucesian Stage
1579	Canoga Park	110		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1580	Lompoc	110	2	Cabrillo Highway	14-I	strat column	location from	Pliocene
1581	Lompoc	110	3	Cabrillo Highway	14-I	strat column	Sec/T/R on	Pliocene
1582	Lompoc	110	4	Cabrillo Highway	14-I	strat column	column	Pliocene
1583	Lompoc	110	5	Cabrillo Highway	14-I	strat column		Pliocene
1584	Lompoc	110	6	Cabrillo Highway	14-I	strat column		Pliocene
1585	Lompoc	110	7	Cabrillo Highway	14-I	strat column		Pliocene
1586	Lompoc	110	8	Cabrillo Highway	14-I	strat column		Pliocene
1587	Lompoc	110	18	Cabrillo Highway	14-I	strat column		Pliocene
1588	Lompoc	110	39	Cabrillo Highway	14-I	strat column		Pliocene
1589	Lompoc	110	40	Cabrillo Highway	14-I	strat column		Pliocene
1590	Lompoc	110	41	Cabrillo Highway	14-I	strat column		Pliocene
1591	Orcutt?	110	1	NC part of quad	14-I	strat column	age from colm	Pliocene
1592	Canoga Park	111		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1593	Canoga Park	112		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1594	Fillmore	112	1	Boulder Ck Sespe	14-N			Pliocene
1595	Fillmore	112	2	Boulder Ck Sespe	14-N			Pliocene
1596	Fillmore	112	3	Boulder Ck Sespe	14-N			Pliocene
1597	Fillmore	112	4	Boulder Ck Sespe	14-N			Pliocene
1598	Fillmore	112	5	Boulder Ck Sespe	14-N			Pliocene
1599	Fillmore	112	6	Boulder Ck Sespe	14-N			Pliocene
1600	Fillmore	112	7	Boulder Ck Sespe	14-N			Pliocene
1601	Fillmore	112	8	Boulder Ck Sespe	14-N			Pliocene
1602	Fillmore	112	9	Boulder Ck Sespe	14-N			Pliocene
1603	Fillmore	112	10	Boulder Ck Sespe	14-N			Pliocene
1604	Fillmore	112	11	Boulder Ck Sespe	14-N			Pliocene
1605	Fillmore	112	12	Boulder Ck Sespe	14-N			Pliocene
1606	Fillmore	112	14	Boulder Ck Sespe	14-N			Pliocene
1607	Fillmore	112	15	Boulder Ck Sespe	14-N			Pliocene
1608	Fillmore	112	16	Boulder Ck Sespe	14-N			Pliocene
1609	Fillmore	112	17	Boulder Ck Sespe	14-N			Pliocene
1610	Fillmore	112	18	Boulder Ck Sespe	14-N			late Miocene Delmontian Stage
1611	Canoga Park	113		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1612	Dana Point	113		NE part of quad	24-B	old SJ Capist 62K		Pliocene
1613	Santa Paula	113	1	center of quad	no slide			middle and late Miocene Mohnian Stage
1614	Santa Paula	113	3	center of quad	no slide			middle and late Miocene lower Mohnian Stage
1615	Santa Paula	113	4	center of quad	no slide			middle and late Miocene lower Mohnian Stage
1616	Santa Paula	113	5	center of quad	no slide			middle and late Miocene lower Mohnian Stage
1617	Santa Paula	113	6	center of quad	no slide			middle and late Miocene lower Mohnian Stage
1618	Santa Paula	113	8	center of quad	no slide			middle Miocene Luisian Stage
1619	Dana Point	114		NE part of quad	24-B	old SJ Capist 62K		Pliocene
1620	Canoga Park	116		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1621	Pitas Point	116	1	Madranto Canyon	19-N			Pliocene
1622	Pitas Point	116	2	Madranto Canyon	19-N			Pliocene
1623	Pitas Point	116	3	Madranto Canyon	19-N			Pliocene
1624	Pitas Point	116	4	Madranto Canyon	19-N			Pliocene
1625	Pitas Point	116	5	Madranto Canyon	19-N			Pliocene
1626	Pitas Point	116	6	Madranto Canyon	19-N			Pliocene
1627	Pitas Point	116	7	Madranto Canyon	19-N			Pliocene
1628	Pitas Point	116	8	Madranto Canyon	19-N			Pliocene
1629	Pitas Point	116	9	Madranto Canyon	19-N			Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
1630	Pitas Point	116	10	Madranto Canyon	19-N			Pliocene
1631	Pitas Point	116	11	Madranto Canyon	19-N			Pliocene
1632	Pitas Point	116	12	Madranto Canyon	19-N			Pliocene
1633	Canoga Park	117		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1634	Garza Peak	117		Avenal Canyon	no slide	Tamesis collector	16/23S/16E	Late Cretaceous Albian or Cenomanian Stage
1635	Pitas Point	117	1	NE part of quad	no slide		Repetto Fm	late Miocene and early Pliocene
1636	Pitas Point	117	2	NE part of quad	no slide		Repetto Fm	late Miocene and early Pliocene
1637	Pitas Point	117	3	NE part of quad	no slide		Repetto Fm	late Miocene and early Pliocene
1638	Pitas Point	117	4	NE part of quad	no slide		Repetto Fm	late Miocene and early Pliocene
1639	Pitas Point	117	5	NE part of quad	no slide		Repetto Fm	late Miocene and early Pliocene
1640	Pitas Point	117	6	NE part of quad	no slide		Repetto Fm	late Miocene and early Pliocene
1641	Pitas Point	117	7	NE part of quad	no slide		Repetto Fm	late Miocene and early Pliocene
1642	Pitas Point	117	8	NE part of quad	no slide		Repetto Fm	late Miocene and early Pliocene
1643	Canoga Park	118		Topanga Cyn Road	67-K	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1644	Pitas Point	118	1	NE part of quad	no slide		Pico Fm	Pliocene
1645	Pitas Point	118	2	NE part of quad	no slide		Pico Fm	Pliocene
1646	Pitas Point	118	3	NE part of quad	no slide		Pico Fm	Pliocene
1647	Pitas Point	118	4	NE part of quad	no slide		Pico Fm	Pliocene
1648	Pitas Point	118	5	NE part of quad	no slide		Pico Fm	Pliocene
1649	Pitas Point	118	6	NE part of quad	no slide		Pico Fm	Pliocene
1650	Santa Paula Peak	119	"1-1	EC part of quad	21-C	Timber Cyn auger	Pico Fm	Pliocene
1651	Santa Paula Peak	119	"1-5	EC part of quad	21-C	Timber Cyn auger	Pico Fm	Pliocene
1652	Santa Paula Peak	119	"1-10	EC part of quad	21-C	Timber Cyn auger	Pico Fm	Pliocene
1653	Santa Paula Peak	119	"2-5	EC part of quad	21-C	Timber Cyn auger	Pico Fm	Pliocene
1654	Santa Paula Peak	119	"2-8	EC part of quad	21-C	Timber Cyn auger	Pico Fm	Pliocene
1655	Santa Paula Peak	119	"3-5	EC part of quad	21-C	Timber Cyn auger	Pico Fm	Pliocene
1656	Santa Paula Peak	119	"3-8	EC part of quad	21-C	Timber Cyn auger	Pico Fm	Pliocene
1657	Santa Paula Peak	119	"4-5	EC part of quad	21-C	Timber Cyn auger	Pico Fm	Pliocene
1658	Santa Paula Peak	119	"4-8	EC part of quad	21-C	Timber Cyn auger	Pico Fm	Pliocene
1659	Santa Paula Peak	119	"5-8	EC part of quad	21-C	Timber Cyn auger	Pico Fm	Pliocene
1660	Santa Paula Peak	119	"5-5	EC part of quad	21-C	Timber Cyn auger	Pico Fm	Pliocene
1661	Santa Paula Peak	119	"6-5	EC part of quad	21-C	Timber Cyn auger	Pico Fm	Pliocene
1662	Santa Paula Peak	119	"6-8	EC part of quad	21-C	Timber Cyn auger	Pico Fm	Pliocene
1663	Santa Paula Peak	119	"7-8	EC part of quad	21-C	Timber Cyn auger	Pico Fm	Pliocene
1664	Santa Paula Peak	119	8	EC part of quad	21-C	Timber Cyn auger	Pico Fm	Pliocene
1665	Santa Paula Peak	119	9	EC part of quad	21-C	Timber Cyn auger	Pico Fm	Pliocene
1666	Santa Paula Peak	119	10	EC part of quad	21-C	Timber Cyn auger	Pico Fm	Pliocene
1667	Santa Paula Peak	119	11	EC part of quad	21-C	Timber Cyn auger	Pico Fm	Pliocene
1668	Canoga Park	120		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1669	Zaca Creek	120	23	EC part of quad	68-C			middle and late Miocene upper Mohnian Stage
1670	Zaca Creek	120	24	EC part of quad	68-C			middle and late Miocene upper Mohnian Stage
1671	Canoga Park	121		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1672	Lompoc Hills	121	7	SE part of quad	68-D			late Paleocene E Zone
1673	Lompoc Hills	121	8	SE part of quad	68-D		has NP	late Paleocene E Zone
1674	Lompoc Hills	121	9	SE part of quad	68-D			late Paleocene E Zone
1675	Lompoc Hills	121	10	SE part of quad	68-D			late Paleocene E Zone
1676	Lompoc Hills	121	11	SE part of quad	68-D	Discocyclina		no age provided
1677	Point Conception	121	1	NE part of quad	68-D	has NP and plankt.		early Eocene NP
1678	Point Conception	121	2	NE part of quad	68-D	has NP and plankt.		early or middle Eocene
1679	Point Conception	121	3	NE part of quad	68-D			probably early Eocene D Zone
1680	Point Conception	121	4	NE part of quad	68-D			probably early Eocene D Zone
1681	Point Conception	121	5	NE part of quad	68-D			probably early Eocene D Zone
1682	Point Conception	121	6	NE part of quad	68-D			probably early Eocene D Zone
1683	Lompoc Hills	121	7	NE part of quad	46-A			late Paleocene E Zone
1684	Lompoc Hills	121	8	NE part of quad	46-A			late Paleocene E Zone
1685	Lompoc Hills	121	9	NE part of quad	46-A			late Paleocene E Zone
1686	Lompoc Hills	121	10	NE part of quad	46-A			late Paleocene E Zone
1687	Lompoc Hills	121	11	NE part of quad	46-A	has Discocyclina	Sierra Blanca	Eocene
1688	Canoga Park	122		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1689	Casmalia	122	12	NW part of quad	2-N			middle Miocene lower Luisian Stage
1690	Casmalia	122	17	NW part of quad	2-N			early Miocene Relizian Stage
1691	Canoga Park	123		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1692	San Miguel Island East	123	1	vic white flag	no slide			early Miocene Relizian Stage
1693	San Miguel Island East	123	13	Cuyler Harbor	no slide			late Eocene
1694	San Miguel Island East	123	15	S of Bay Point	no slide			early Miocene Relizian Stage
1695	San Miguel Island West	123	4	EC part of quad	none	have strat column		late Eocene
1696	San Miguel Island West	123	5	Tyler Bight	none			late Eocene
1697	San Miguel Island West	123	6	Tyler Bight	none	filed #9279		Cretaceous? arenaceous foraminifers
1698	San Miguel Island West	123	7	Point Bennett	none			Cretaceous? arenaceous foraminifers
1699	San Miguel Island West	123	8	N of Adams Cove	none			Cretaceous? arenaceous foraminifers
1700	San Miguel Island West	123	9	EC part of quad	none			Cretaceous? arenaceous foraminifers
1701	San Miguel Island West	123	10	SE of Castle Rock	none			Cretaceous? arenaceous foraminifers
1702	Canoga Park	124		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1703	Canoga Park	125		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
1704	Canoga Park	126		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1705	Simi Valley East	126	SS-1	Poison Oak Cyn	78-N	assemblage slide	Age from	early Eocene D Zone
1706	Simi Valley East	126	SS-2	Poison Oak Cyn	78-N	assemblage slide	Weaver 1944	early Eocene D Zone
1707	Simi Valley East	126	types	Poison Oak Cyn	78-N	assemblage slide		early Eocene D Zone
1708	Simi Valley East	126	1	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1709	Simi Valley East	126	2	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1710	Simi Valley East	126	3	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1711	Simi Valley East	126	4	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1712	Simi Valley East	126	5	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1713	Simi Valley East	126	6	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1714	Simi Valley East	126	7	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1715	Simi Valley East	126	8	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1716	Simi Valley East	126	9	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1717	Simi Valley East	126	10	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1718	Simi Valley East	126	11	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1719	Simi Valley East	126	12	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1720	Simi Valley East	126	13	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1721	Simi Valley East	126	14	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1722	Simi Valley East	126	18	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1723	Simi Valley East	126	19	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1724	Simi Valley East	126	20	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1725	Simi Valley East	126	21	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1726	Simi Valley East	126	22	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1727	Simi Valley East	126	23	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1728	Simi Valley East	126	27	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1729	Simi Valley East	126	28	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1730	Simi Valley East	126	29	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1731	Simi Valley East	126	30	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1732	Simi Valley East	126	31	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1733	Simi Valley East	126	32	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1734	Simi Valley East	126	33	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1735	Simi Valley East	126	34	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1736	Simi Valley East	126	35	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1737	Simi Valley East	126	36	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1738	Simi Valley East	126	37	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1739	Simi Valley East	126	38	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1740	Simi Valley East	126	39	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1741	Simi Valley East	126	40	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1742	Simi Valley East	126	41	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1743	Simi Valley East	126	42	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1744	Simi Valley East	126	43	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1745	Simi Valley East	126	44	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1746	Simi Valley East	126	45	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1747	Simi Valley East	126	46	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1748	Simi Valley East	126	47	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1749	Simi Valley East	126	48	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1750	Simi Valley East	126	49	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1751	Simi Valley East	126	50	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1752	Simi Valley East	126	54	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1753	Simi Valley East	126	55	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1754	Simi Valley East	126	56	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1755	Simi Valley East	126	57	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1756	Simi Valley East	126	58	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1757	Simi Valley East	126	59	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1758	Simi Valley East	126	60	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1759	Simi Valley East	126	61	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1760	Simi Valley East	126	62	Poison Oak Cyn	61-L	strat column		early Eocene D Zone
1761	Simi Valley East	126	63	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1762	Simi Valley East	126	64	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1763	Simi Valley East	126	65	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1764	Simi Valley East	126	66	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1765	Simi Valley East	126	67	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1766	Simi Valley East	126	68	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1767	Simi Valley East	126	69	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1768	Simi Valley East	126	70	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1769	Simi Valley East	126	71	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1770	Simi Valley East	126	72	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1771	Simi Valley East	126	73	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1772	Simi Valley East	126	74	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1773	Simi Valley East	126	75	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1774	Simi Valley East	126	76	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1775	Simi Valley East	126	77	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1776	Simi Valley East	126	78	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1777	Simi Valley East	126	79	Poison Oak Cyn	61-M	strat column		early Eocene D Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
1778	Simi Valley East	126	80	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1779	Simi Valley East	126	81	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1780	Simi Valley East	126	82	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1781	Simi Valley East	126	83	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1782	Simi Valley East	126	84	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1783	Simi Valley East	126	85	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1784	Simi Valley East	126	86	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1785	Simi Valley East	126	87	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1786	Simi Valley East	126	88	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1787	Simi Valley East	126	89	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1788	Simi Valley East	126	90	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1789	Simi Valley East	126	91	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1790	Simi Valley East	126	92	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1791	Simi Valley East	126	93	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1792	Simi Valley East	126	94	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1793	Simi Valley East	126	95	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1794	Simi Valley East	126	96	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1795	Simi Valley East	126	97	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1796	Simi Valley East	126	98	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1797	Simi Valley East	126	99	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1798	Simi Valley East	126	100	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1799	Simi Valley East	126	101	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1800	Simi Valley East	126	102	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1801	Simi Valley East	126	103	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1802	Simi Valley East	126	104	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1803	Simi Valley East	126	105	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1804	Simi Valley East	126	107	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1805	Simi Valley East	126	108	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1806	Simi Valley East	126	108-A	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1807	Simi Valley East	126	109	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1808	Simi Valley East	126	110	Poison Oak Cyn	61-M	strat column		early Eocene D Zone
1809	Simi Valley East	126	111	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1810	Simi Valley East	126	112	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1811	Simi Valley East	126	113	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1812	Simi Valley East	126	114	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1813	Simi Valley East	126	115	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1814	Simi Valley East	126	116	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1815	Simi Valley East	126	117	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1816	Simi Valley East	126	118	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1817	Simi Valley East	126	119	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1818	Simi Valley East	126	120	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1819	Simi Valley East	126	121	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1820	Simi Valley East	126	122	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1821	Simi Valley East	126	123	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1822	Simi Valley East	126	124	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1823	Simi Valley East	126	125	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1824	Simi Valley East	126	126	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1825	Simi Valley East	126	127	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1826	Simi Valley East	126	128	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1827	Simi Valley East	126	130	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1828	Simi Valley East	126	132	Poison Oak Cyn	61-N	strat column		early Eocene D Zone
1829	Canoga Park	127		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1830	Simi Valley East	127	1	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1831	Simi Valley East	127	2	Las Llajas Cyn	61-K	strat column	age from	early Eocene D Zone
1832	Simi Valley East	127	3	Las Llajas Cyn	61-K	strat column	Weaver	early Eocene D Zone
1833	Simi Valley East	127	4	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1834	Simi Valley East	127	5	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1835	Simi Valley East	127	6	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1836	Simi Valley East	127	7	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1837	Simi Valley East	127	8	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1838	Simi Valley East	127	9	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1839	Simi Valley East	127	10	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1840	Simi Valley East	127	12	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1841	Simi Valley East	127	13	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1842	Simi Valley East	127	14	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1843	Simi Valley East	127	16	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1844	Simi Valley East	127	17	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1845	Simi Valley East	127	18	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1846	Simi Valley East	127	18	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1847	Simi Valley East	127	20	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1848	Simi Valley East	127	21	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1849	Simi Valley East	127	22	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1850	Simi Valley East	127	23	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1851	Simi Valley East	127	24	Las Llajas Cyn	61-K	strat column		early Eocene D Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
1852	Simi Valley East	127	25	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1853	Simi Valley East	127	26	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1854	Simi Valley East	127	27	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1855	Simi Valley East	127	28	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1856	Simi Valley East	127	29	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1857	Simi Valley East	127	30	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1858	Simi Valley East	127	31	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1859	Simi Valley East	127	32	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1860	Simi Valley East	127	33	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1861	Simi Valley East	127	33RS	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1862	Simi Valley East	127	34	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1863	Simi Valley East	127	35	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1864	Simi Valley East	127	36	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1865	Simi Valley East	127	37	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1866	Simi Valley East	127	38	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1867	Simi Valley East	127	39	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1868	Simi Valley East	127	40	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1869	Simi Valley East	127	41	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1870	Simi Valley East	127	42	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1871	Simi Valley East	127	43	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1872	Simi Valley East	127	44	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1873	Simi Valley East	127	45	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1874	Simi Valley East	127	46	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1875	Simi Valley East	127	47	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1876	Simi Valley East	127	48	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1877	Simi Valley East	127	49	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1878	Simi Valley East	127	50	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1879	Simi Valley East	127	51	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1880	Simi Valley East	127	52	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1881	Simi Valley East	127	53	Las Llajas Cyn	61-K	strat column		early Eocene D Zone
1882	Simi Valley East	127	1	Las Llajas Cyn	43-C	duplicates?		early Eocene D Zone
1883	Simi Valley East	127	2	Las Llajas Cyn	43-C	duplicates?		early Eocene D Zone
1884	Simi Valley East	127	3	Las Llajas Cyn	43-C	duplicates?		early Eocene D Zone
1885	Simi Valley East	127	4	Las Llajas Cyn	43-C	duplicates?		early Eocene D Zone
1886	Simi Valley East	127	5	Las Llajas Cyn	43-C	duplicates?		early Eocene D Zone
1887	Simi Valley East	127	6	Las Llajas Cyn	43-C	duplicates?		early Eocene D Zone
1888	Simi Valley East	127	7	Las Llajas Cyn	43-C	duplicates?		early Eocene D Zone
1889	Simi Valley East	127	8	Las Llajas Cyn	43-C	duplicates?		early Eocene D Zone
1890	Simi Valley East	127	9	Las Llajas Cyn	43-C	duplicates?		early Eocene D Zone
1891	Simi Valley East	127	10	Las Llajas Cyn	43-C	duplicates?		early Eocene D Zone
1892	Simi Valley East	127	11	Las Llajas Cyn	43-C	duplicates?		early Eocene D Zone
1893	Simi Valley East	127	12	Las Llajas Cyn	43-C	duplicates?		early Eocene D Zone
1894	Simi Valley East	127	14	Las Llajas Cyn	43-C	duplicates?		early Eocene D Zone
1895	Simi Valley East	127	14	Las Llajas Cyn	43-C	duplicates?		early Eocene D Zone
1896	Simi Valley East	127	15A	Las Llajas Cyn	43-C	duplicates?		early Eocene D Zone
1897	Simi Valley East	127	15B	Las Llajas Cyn	43-C	duplicates?		early Eocene D Zone
1898	Simi Valley East	127	16	Las Llajas Cyn	43-C	duplicates?		early Eocene D Zone
1899	Simi Valley East	127	17	Las Llajas Cyn	43-C	duplicates?		early Eocene D Zone
1900	Canoga Park	128		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1901	Grapevine	128	1	E of Tecuya Creek	D-6	not on map		Eocene
1902	Grapevine	128	2	E of Tecuya Creek	D-6	not on map		Eocene
1903	Grapevine	128	3	E of Tecuya Creek	D-6	not on map		Eocene
1904	Grapevine	128	4	E of Tecuya Creek	D-6	not on map		Eocene
1905	Grapevine	128	5	E of Tecuya Creek	D-6	not on map		Eocene
1906	Ventura	128	1	center of quad	64-J		Pico Fm	Pliocene
1907	Ventura	128	2	center of quad	64-J		Pico Fm	Pliocene
1908	Ventura	128	3	center of quad	64-J		Pico Fm	Pliocene
1909	Ventura	128	4	center of quad	64-J		Pico Fm	Pliocene
1910	Ventura	128	5	center of quad	64-J		Pico Fm	Pliocene
1911	Ventura	128	6	center of quad	64-J		Pico Fm	Pliocene
1912	Ventura	128	7	center of quad	64-J		Pico Fm	Pliocene
1913	Ventura	128	8	center of quad	64-J		Pico Fm	Pliocene
1914	Ventura	128	9	center of quad	64-J		Pico Fm	Pliocene
1915	Ventura	128	10	center of quad	64-J		Pico Fm	Pliocene
1916	Ventura	128	11	center of quad	64-J		Pico Fm	Pliocene
1917	Ventura	128	12	center of quad	64-J		Pico Fm	Pliocene
1918	Ventura	128	13	center of quad	64-J		Pico Fm	Pliocene
1919	Ventura	128	14	center of quad	64-J		Pico Fm	Pliocene
1920	Ventura	128	15	center of quad	64-J		Pico Fm	Pliocene
1921	Ventura	128	16	center of quad	64-J		Pico Fm	Pliocene
1922	Ventura	128	17	center of quad	64-J		Pico Fm	Pliocene
1923	Ventura	128	18	center of quad	64-J		Pico Fm	Pliocene
1924	Ventura	128	19	center of quad	64-J		Pico Fm	Pliocene
1925	Ventura	128	20	center of quad	64-J		Pico Fm	Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
1926	Ventura	128	99	center of quad	64-J		Pico Fm	Pliocene
1927	Ventura	128	100	center of quad	64-J		Pico Fm	Pliocene
1928	Ventura	128	101	center of quad	64-J		Pico Fm	Pliocene
1929	Ventura	128	102	center of quad	64-J		Pico Fm	Pliocene
1930	Ventura	128	103	center of quad	64-J		Pico Fm	Pliocene
1931	Ventura	128	104	center of quad	64-J		Pico Fm	Pliocene
1932	Ventura	128	105	center of quad	64-J		Pico Fm	Pliocene
1933	Ventura	128	106	center of quad	64-J		Pico Fm	Pliocene
1934	Ventura	128	107	center of quad	64-J		Pico Fm	Pliocene
1935	Ventura	128	108	center of quad	64-J		Pico Fm	Pliocene
1936	Canoga Park	129		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1937	Domengine Ranch	129	1	WC part of quad	no slide	4/19S/15E	125' below	Eocene (has Discocyclina)
1938	Domengine Ranch	129	2	WC part of quad	no slide	4/19S/15E	Spiroglyphus	Eocene
1939	Domengine Ranch	129	3	WC part of quad	no slide	4/19S/15E	"reef"	Eocene
1940	Domengine Ranch	129	4	WC part of quad	no slide	4/19S/15E	110' below	Eocene (has Discocyclina)
1941	Domengine Ranch	129	5	WC part of quad	no slide	4/19S/15E	105' below	Eocene (has Discocyclina)
1942	Domengine Ranch	129	6	WC part of quad	no slide	4/19S/15E	90	Eocene (has Discocyclina)
1943	Domengine Ranch	129	7	WC part of quad	no slide	4/19S/15E	70	Eocene
1944	Domengine Ranch	129	8	WC part of quad	no slide	4/19S/15E	60	Eocene
1945	Domengine Ranch	129	9	WC part of quad	no slide	4/19S/15E	55	Eocene
1946	Domengine Ranch	129	10	WC part of quad	no slide	4/19S/15E	50	Eocene
1947	Domengine Ranch	129	11	WC part of quad	no slide	4/19S/15E	45	Eocene
1948	Domengine Ranch	129	12	WC part of quad	no slide	4/19S/15E	40	Eocene (has Discocyclina)
1949	Domengine Ranch	129	13	WC part of quad	no slide	4/19S/15E	35	Eocene
1950	Domengine Ranch	129	14	WC part of quad	no slide	4/19S/15E	30	Eocene
1951	Domengine Ranch	129	15	WC part of quad	no slide	4/19S/15E	25	Eocene
1952	Domengine Ranch	129	16	WC part of quad	no slide	4/19S/15E	20' below	Eocene
1953	Domengine Ranch	129	17	WC part of quad	no slide	4/19S/15E	15	Eocene
1954	Domengine Ranch	129	18	WC part of quad	no slide	4/19S/15E	5	Eocene
1955	Domengine Ranch	129	19	WC part of quad	no slide	4/19S/15E	base of "reef"	Eocene
1956	Domengine Ranch	129	20	WC part of quad	no slide	4/19S/15E	top of "reef"	Eocene
1957	Domengine Ranch	129	21	WC part of quad	no slide	4/19S/15E	5	Eocene
1958	Domengine Ranch	129	22	WC part of quad	no slide	4/19S/15E	10	Eocene
1959	Domengine Ranch	129	23	WC part of quad	no slide	4/19S/15E	15	Eocene
1960	Domengine Ranch	129	24	WC part of quad	no slide	4/19S/15E	20	Eocene
1961	Domengine Ranch	129	25	WC part of quad	no slide	4/19S/15E	25	Eocene
1962	Domengine Ranch	129	26	WC part of quad	no slide	4/19S/15E	30	Eocene
1963	Domengine Ranch	129	27	WC part of quad	no slide	4/19S/15E	35	Eocene
1964	Domengine Ranch	129	28	WC part of quad	no slide	4/19S/15E	40	Eocene
1965	Domengine Ranch	129	29	WC part of quad	no slide	4/19S/15E	45	Eocene
1966	Domengine Ranch	129	30	WC part of quad	no slide	4/19S/15E	50	Eocene
1967	Domengine Ranch	129	31	WC part of quad	no slide	4/19S/15E	60	Eocene
1968	Domengine Ranch	129	32	WC part of quad	no slide	4/19S/15E	70	Eocene
1969	Domengine Ranch	129	33	WC part of quad	no slide	4/19S/15E	80	Eocene
1970	Domengine Ranch	129	34	WC part of quad	no slide	4/19S/15E	90	Eocene
1971	Domengine Ranch	129	35	WC part of quad	no slide	4/19S/15E	100	Eocene
1972	Domengine Ranch	129	36	WC part of quad	no slide	4/19S/15E	110	Eocene
1973	Domengine Ranch	129	37	WC part of quad	no slide	4/19S/15E	120	Eocene
1974	Domengine Ranch	129	38	WC part of quad	no slide	4/19S/15E	130	Eocene
1975	Domengine Ranch	129	39	WC part of quad	no slide	4/19S/15E	140	Eocene
1976	Domengine Ranch	129	40	WC part of quad	no slide	4/19S/15E	150	Eocene
1977	Domengine Ranch	129	41	WC part of quad	no slide	4/19S/15E		Eocene
1978	Fairfield South	129		W end Potrero Hill	no slide	mollusks		late Paleocene E Zone
1979	Canoga Park	130		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
1980	Domengine Ranch	130	80	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene
1981	Domengine Ranch	130	75	SW part of quad	D-8	Numbers are feet	trench	Eocene
1982	Domengine Ranch	130	70	SW part of quad	D-8	above and below	trench	Eocene
1983	Domengine Ranch	130	65	SW part of quad	D-8	Spiroglyphus reef	trench	Eocene
1984	Domengine Ranch	130	60	SW part of quad	D-8		trench	Eocene
1985	Domengine Ranch	130	55	SW part of quad	D-8		trench	Eocene
1986	Domengine Ranch	130	15	SW part of quad	D-8		trench	Eocene
1987	Domengine Ranch	130	20	SW part of quad	D-8		trench	Eocene
1988	Domengine Ranch	130	25	SW part of quad	D-8		trench	Eocene
1989	Domengine Ranch	130	10	SW part of quad	D-8		trench	Eocene
1990	Domengine Ranch	130	15	SW part of quad	D-8		trench	Eocene
1991	Domengine Ranch	130	20	SW part of quad	D-8		trench	Eocene
1992	Domengine Ranch	130	0.5	SW part of quad	D-8		trench	Eocene
1993	Domengine Ranch	130	5	SW part of quad	D-8		trench	Eocene
1994	Domengine Ranch	130	10	SW part of quad	D-8		trench	Eocene
1995	Domengine Ranch	130	top	SW part of quad	D-8		trench	Eocene
1996	Domengine Ranch	130	0.5	SW part of quad	D-8		trench	Eocene
1997	Domengine Ranch	130	5	SW part of quad	D-8		trench	Eocene
1998	Domengine Ranch	130	25	SW part of quad	D-8		trench	Eocene
1999	Domengine Ranch	130	30	SW part of quad	D-8		trench	Eocene

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
2000	Domengine Ranch	130	35	SW part of quad	D-8	Discocyclina	trench	Eocene
2001	Domengine Ranch	130	40	SW part of quad	D-8		trench	Eocene
2002	Domengine Ranch	130	45	SW part of quad	D-8	Discocyclina	trench	Eocene
2003	Domengine Ranch	130	50	SW part of quad	D-8		trench	Eocene
2004	Domengine Ranch	130	55	SW part of quad	D-8		trench	Eocene
2005	Domengine Ranch	130	60	SW part of quad	D-8		trench	Eocene
2006	Domengine Ranch	130	65	SW part of quad	D-8		trench	Eocene
2007	Domengine Ranch	130	70	SW part of quad	D-8	Discocyclina	trench	Eocene
2008	Domengine Ranch	130	75	SW part of quad	D-8		trench	Eocene
2009	Domengine Ranch	130	80	SW part of quad	D-8		trench	Eocene
2010	Domengine Ranch	130	90	SW part of quad	D-8		trench	Eocene
2011	Domengine Ranch	130	100	SW part of quad	D-8		trench	Eocene
2012	Santa Rosa Island N	130	3	Carrington Point	26-F			early Miocene Saucesian Stage
2013	Santa Rosa Island N	130	4	Carrington Point	26-F			early Miocene Saucesian Stage
2014	Canoga Park	131		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
2015	Domengine Ranch	131	100	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene
2016	Domengine Ranch	131	110	SW part of quad	D-8	Numbers are feet	trench	Eocene
2017	Domengine Ranch	131	120	SW part of quad	D-8	above and below	trench	Eocene
2018	Domengine Ranch	131	130	SW part of quad	D-8	Spiroglyphus reef	trench	Eocene
2019	Domengine Ranch	131	140	SW part of quad	D-8		trench	Eocene
2020	Domengine Ranch	131	200	SW part of quad	D-8		trench	Eocene
2021	Domengine Ranch	131	290	SW part of quad	D-8		trench	Eocene
2022	Domengine Ranch	131	30	SW part of quad	D-8		trench	Eocene
2023	Domengine Ranch	131	25	SW part of quad	D-8		trench	Eocene
2024	Domengine Ranch	131	10	SW part of quad	D-8		trench	Eocene
2025	Domengine Ranch	131	5	SW part of quad	D-8		trench	Eocene
2026	Domengine Ranch	131	basal	SW part of quad	D-8		trench	Eocene
2027	Domengine Ranch	131	5	SW part of quad	D-8		trench	Eocene
2028	Domengine Ranch	131	10	SW part of quad	D-8		trench	Eocene
2029	Santa Rosa Island N	131	31	E half of Island	26-F			early Miocene upper Saucesian Stage
2030	Tent Hills	131		Avenal Ridge	no slide	Tamesis collector		Late Cretaceous F-2 Zone
2031	Canoga Park	132		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
2032	Domengine Ranch	132	A1-55	SW part of quad	D-9	Joaquin Rocks 15'	trench/column	middle Eocene A-2 Zone
2033	Domengine Ranch	132	A1-50	SW part of quad	D-9	Numbers are feet	trench/column	middle Eocene A-2 Zone
2034	Domengine Ranch	132	A1-45	SW part of quad	D-9	above and below	trench/column	middle Eocene A-2 Zone
2035	Domengine Ranch	132	A1-40	SW part of quad	D-9	Spiroglyphus reef	trench/column	early Eocene B-1 Zone
2036	Domengine Ranch	132	A1-35A	SW part of quad	D-9		trench/column	early Eocene B-1 Zone
2037	Domengine Ranch	132	A1-35B	SW part of quad	D-9		trench/column	early Eocene B-1 Zone
2038	Domengine Ranch	132	A1-30	SW part of quad	D-9		trench/column	early Eocene B-1 Zone
2039	Domengine Ranch	132	A1-25	SW part of quad	D-9		trench/column	early Eocene B-1 Zone
2040	Domengine Ranch	132	A1-20	SW part of quad	D-9		trench/column	early Eocene B-1 Zone
2041	Domengine Ranch	132	A1-15	SW part of quad	D-9		trench/column	early Eocene B-1 Zone
2042	Domengine Ranch	132	A1-10	SW part of quad	D-9		trench/column	early Eocene B-1 Zone
2043	Domengine Ranch	132	A1-00	SW part of quad	D-9		trench/column	early Eocene B-1 Zone
2044	Domengine Ranch	132	A2-165	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2045	Domengine Ranch	132	A2-160	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2046	Domengine Ranch	132	A2-155	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2047	Domengine Ranch	132	A2-140	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2048	Domengine Ranch	132	A2-135	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2049	Domengine Ranch	132	A2-125	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2050	Domengine Ranch	132	A2-120	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2051	Domengine Ranch	132	A2-115	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2052	Domengine Ranch	132	A2-110	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2053	Domengine Ranch	132	A2-105	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2054	Domengine Ranch	132	A2-100	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2055	Domengine Ranch	132	A2-95	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2056	Domengine Ranch	132	A2-90	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2057	Domengine Ranch	132	A2-85	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2058	Domengine Ranch	132	A2-80	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2059	Domengine Ranch	132	A2-75	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2060	Domengine Ranch	132	A2-70	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2061	Domengine Ranch	132	A2-65	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2062	Domengine Ranch	132	A2-60	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2063	Domengine Ranch	132	A2-55	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2064	Domengine Ranch	132	A2-50	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2065	Domengine Ranch	132	A2-45	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2066	Domengine Ranch	132	A2-40	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2067	Domengine Ranch	132	A2-35	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2068	Domengine Ranch	132	A2-30	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2069	Domengine Ranch	132	A2-25	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2070	Domengine Ranch	132	A2-20	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2071	Domengine Ranch	132	A2-15	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2072	Domengine Ranch	132	A2-10	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2073	Domengine Ranch	132	A2-5	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
2074	Domengine Ranch	132	A2-00	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2075	Domengine Ranch	132	A2-5	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2076	Domengine Ranch	132	A2-10	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2077	Domengine Ranch	132	A2-15	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2078	Domengine Ranch	132	A3-115	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2079	Domengine Ranch	132	A3-110	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2080	Domengine Ranch	132	A3-105	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2081	Domengine Ranch	132	A3-100	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2082	Domengine Ranch	132	A3-95	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2083	Domengine Ranch	132	A3-90	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2084	Domengine Ranch	132	A3-85	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2085	Domengine Ranch	132	A3-80	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2086	Domengine Ranch	132	A3-75	SW part of quad	D-9		trench/column	early Eocene B-2 or B-3 Zone
2087	Domengine Ranch	132	A3-70	SW part of quad	D-9		trench/column	early Eocene B-4 Zone
2088	Domengine Ranch	132	A3-65	SW part of quad	D-9		trench/column	early Eocene B-4 Zone
2089	Domengine Ranch	132	A3-60	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2090	Domengine Ranch	132	A3-55	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2091	Domengine Ranch	132	A3-50	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2092	Domengine Ranch	132	A3-45	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2093	Domengine Ranch	132	A3-40	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2094	Domengine Ranch	132	A3-35	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2095	Domengine Ranch	132	A3-30	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2096	Domengine Ranch	132	A3-25	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2097	Domengine Ranch	132	AE-20	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2098	Domengine Ranch	132	A3-15	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2099	Domengine Ranch	132	A3-10	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2100	Domengine Ranch	132	A3-5	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2101	Domengine Ranch	132	A3-00	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2102	Domengine Ranch	132	A4-335	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2103	Domengine Ranch	132	A4-330	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2104	Domengine Ranch	132	A4-325	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2105	Domengine Ranch	132	A4-320	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2106	Domengine Ranch	132	A4-315	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2107	Domengine Ranch	132	A4-310	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2108	Domengine Ranch	132	A4-305	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2109	Domengine Ranch	132	A4-300	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2110	Domengine Ranch	132	A4-295	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2111	Domengine Ranch	132	A4-290	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2112	Domengine Ranch	132	A4-285	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2113	Domengine Ranch	132	A4-280	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2114	Domengine Ranch	132	A4-275	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2115	Domengine Ranch	132	A4-270	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2116	Domengine Ranch	132	A4-265	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2117	Domengine Ranch	132	A4-260	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2118	Domengine Ranch	132	A4-255	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2119	Domengine Ranch	132	A4-250	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2120	Domengine Ranch	132	A4-245	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2121	Domengine Ranch	132	A4-240	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2122	Domengine Ranch	132	A4-235	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2123	Domengine Ranch	132	A4-230	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2124	Domengine Ranch	132	A4-225	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2125	Domengine Ranch	132	A4-220	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2126	Domengine Ranch	132	A4-215	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2127	Domengine Ranch	132	A4-210	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2128	Domengine Ranch	132	A4-205	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2129	Domengine Ranch	132	A4-200	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2130	Domengine Ranch	132	A4-195	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2131	Domengine Ranch	132	A4-190	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2132	Domengine Ranch	132	A4-185	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2133	Domengine Ranch	132	A4-18-	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2134	Domengine Ranch	132	A4-175	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2135	Domengine Ranch	132	A4-170	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2136	Domengine Ranch	132	A4-165	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2137	Domengine Ranch	132	A4-160	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2138	Domengine Ranch	132	A4-155	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2139	Domengine Ranch	132	A4-150	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2140	Domengine Ranch	132	A4-145	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2141	Domengine Ranch	132	A4-140	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2142	Domengine Ranch	132	A4-135	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2143	Domengine Ranch	132	A4-130	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2144	Domengine Ranch	132	A4-125	SW part of quad	D-10		trench/column	early Eocene B-4 Zone
2145	Domengine Ranch	132	A4-120	SW part of quad	D-11		trench/column	early Eocene B-4 Zone
2146	Domengine Ranch	132	A4-115	SW part of quad	D-11		trench/column	early Eocene B-4 Zone
2147	Domengine Ranch	132	A4-110	SW part of quad	D-11		trench/column	early Eocene B-4 Zone

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
2148	Domengine Ranch	132	A4-105	SW part of quad	D-11		trench/column	early Eocene B-4 Zone
2149	Domengine Ranch	132	A4-100	SW part of quad	D-11		trench/column	early Eocene B-4 Zone
2150	Domengine Ranch	132	A4-95	SW part of quad	D-11		trench/column	early Eocene B-4 Zone
2151	Domengine Ranch	132	A4-90	SW part of quad	D-11		trench/column	early Eocene B-4 Zone
2152	Domengine Ranch	132	A4-85	SW part of quad	D-11		trench/column	early Eocene B-4 Zone
2153	Domengine Ranch	132	A4-80	SW part of quad	D-11		trench/column	early Eocene B-4 Zone
2154	Domengine Ranch	132	A4-75	SW part of quad	D-11		trench/column	early Eocene B-4 Zone
2155	Domengine Ranch	132	A4-70	SW part of quad	D-11		trench/column	early Eocene B-4 Zone
2156	Domengine Ranch	132	A4-65	SW part of quad	D-11		trench/column	early Eocene C Zone
2157	Domengine Ranch	132	A4-60	SW part of quad	D-11		trench/column	early Eocene C Zone
2158	Domengine Ranch	132	A4-55	SW part of quad	D-11		trench/column	early Eocene C Zone
2159	Domengine Ranch	132	A4-50	SW part of quad	D-11		trench/column	early Eocene C Zone
2160	Domengine Ranch	132	A4-45	SW part of quad	D-11		trench/column	early Eocene C Zone
2161	Domengine Ranch	132	A4-40	SW part of quad	D-11		trench/column	early Eocene C Zone
2162	Domengine Ranch	132	A4-35	SW part of quad	D-11		trench/column	early Eocene C Zone
2163	Domengine Ranch	132	A4-30	SW part of quad	D-11		trench/column	early Eocene C Zone
2164	Domengine Ranch	132	A4-28	SW part of quad	D-11		trench/column	early Eocene C Zone
2165	Domengine Ranch	132	A4-25	SW part of quad	D-11		trench/column	early Eocene C Zone
2166	Domengine Ranch	132	A4-20	SW part of quad	D-11		trench/column	late Paleocene E Zone
2167	Domengine Ranch	132	A4-15	SW part of quad	D-11		trench/column	late Paleocene E Zone
2168	Domengine Ranch	132	A4-09	SW part of quad	D-11		trench/column	late Paleocene E Zone
2169	Domengine Ranch	132	A4-05	SW part of quad	D-11		trench/column	late Paleocene E Zone
2170	Domengine Ranch	132	A4-03	SW part of quad	D-11		trench/column	late Paleocene E Zone
2171	Domengine Ranch	132	A4-00	SW part of quad	D-11		trench/column	late Paleocene E Zone
2172	Domengine Ranch	132	slide 1	SW part of quad	D-11		trench/column	late Paleocene E Zone
2173	Domengine Ranch	132	slide 2	SW part of quad	D-11		trench/column	late Paleocene E Zone
2174	Domengine Ranch	132	slide 3	SW part of quad	D-11		trench/column	late Paleocene E Zone
2175	Domengine Ranch	132	slide 4	SW part of quad	D-11		trench/column	late Paleocene E Zone
2176	Domengine Ranch	132	slide 5	SW part of quad	D-11		trench/column	late Paleocene E Zone
2177	Santa Rosa Island East	132	5	W part of quad	26-F			middle Eocene A-2 Zone
2178	Santa Rosa Island S	133	16	W half of Island	26-F			early Miocene Saucesian or Relizian Stage
2179	Santa Rosa Island S	133	20	W half of Island	26-F			middle Eocene A-2 Zone
2180	Santa Rosa Island S	133	21	W half of Island	26-F			middle Eocene A-2 Zone
2181	Canoga Park	134		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
2182	Santa Rosa Island S	134	2	E half of Island	26-F			Miocene
2183	Santa Rosa Island S	134	9	E half of Island	26-F			middle Eocene A-2 Zone
2184	Santa Rosa Island S	134	10	E half of Island	26-F			middle Eocene A-2? Zone
2185	Santa Rosa Island S	134	11	E half of Island	26-F			middle Eocene A-2 Zone
2186	Santa Rosa Island S	134	12	E half of Island	26-F			middle Eocene A-2 Zone
2187	Santa Rosa Island S	134	13	E half of Island	26-F			middle Eocene A-2 Zone
2188	Santa Rosa Island S	134	15	E half of Island	26-F			late? Eocene
2189	Antioch South	134	A-1	not on map	no slide			late Paleocene D Zone
2190	Canoga Park	135		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
2191	Santa Cruz Island C	135	2	Potato Harbor	26-F			Pleistocene
2192	Santa Cruz Island C	135	3	Potato Harbor	26-F			middle Miocene lower Luisian Stage
2193	Canoga Park	136		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
2194	Santa Cruz Island C	136	2	North coast	26-F			early Miocene Relizian Stage
2195	Santa Cruz Island C	136	4	North coast	26-F			middle and late Miocene lower Mohnian Stage
2196	Santa Cruz Island C	136	8	North coast	26-F			middle and late Miocene Mohnian Stage
2197	Santa Cruz Island C	136	9	North coast	26-F			middle and late Miocene Mohnian Stage
2198	Santa Cruz Island A	137	9	Morse Point	26-F	have dupe slide		Eocene
2199	Santa Cruz Island A	137	13	Canada Posa	26-F			Eocene
2200	Santa Cruz Island A	137	17	Christi Ranch	26-H			early Miocene Saucesian? Stage
2201	Santa Cruz Island A	137	22	Christi Ranch	26-H			early Miocene Saucesian Stage
2202	Santa Cruz Island D	137	13	Scorpian anchorage	no slide			late? Eocene
2203	Santa Cruz Island D	137	20	Sandstone Point	no slide			possibly early Miocene
2204	Canoga Park	138		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
2205	Canoga Park	140		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
2206	Santa Cruz Island A	140	6	SE part of quad	25-N			early Miocene upper Saucesian Stage
2207	Santa Cruz Island A	140	7	SE part of quad	25-N			early Miocene upper Saucesian Stage
2208	Santa Cruz Island A	140	8	SE part of quad	25-N			early Miocene upper Saucesian Stage
2209	Santa Cruz Island A	140	16	SE part of quad	25-N			probably early Eocene C Zone
2210	Santa Cruz Island A	140	18	SE part of quad	25-N			probably early Eocene C Zone
2211	Santa Cruz Island A	140	19	SE part of quad	25-N			probably early Eocene C Zone
2212	Santa Cruz Island A	140	20	SE part of quad	25-N			probably early Eocene C Zone
2213	Santa Cruz Island A	140	22	SE part of quad	25-N			probably early Eocene C Zone
2214	Santa Cruz Island A	140	23	SE part of quad	25-N			probably early Eocene C Zone
2215	Santa Cruz Island A	140	25	SE part of quad	25-N			probably early Eocene C Zone
2216	Tent Hills	140		Avenal Ridge	no slide	Tamesis collector		Late Cretaceous Turonian or Santonian Stage
2217	Canoga Park	141		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
2218	Tent Hills	141		Avenal Ridge	no slide	Tamesis collector		Late Cretaceous Turonian or Santonian Stage
2219	Canoga Park	142		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
2220	Pitas Point	142	4	Javon Canyon	no slide		Repetto Fm	middle and late Miocene Mohnian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
2221	Pitas Point	142	41	Javon Canyon	no slide		Repetto Fm	late Miocene and early Pliocene
2222	Pitas Point	142	42	Javon Canyon	no slide		Repetto Fm	late Miocene and early Pliocene
2223	Pitas Point	142	49	Javon Canyon	no slide		Repetto Fm	late Miocene and early Pliocene
2224	Pitas Point	142	53	Javon Canyon	no slide		Repetto Fm	late Miocene and early Pliocene
2225	Pitas Point	142	54	Javon Canyon	no slide		Repetto Fm	late Miocene and early Pliocene
2226	Pitas Point	142	55	Javon Canyon	no slide		Pico Fm	Pliocene
2227	Pitas Point	142	56	Javon Canyon	no slide		Pico Fm	Pliocene
2228	Pitas Point	142	57	Javon Canyon	no slide		Pico Fm	Pliocene
2229	Pitas Point	142	60	Javon Canyon	no slide		Pico Fm	Pliocene
2230	Pitas Point	142	65	Javon Canyon	no slide		Pico Fm	Pliocene
2231	Pitas Point	142	70	Javon Canyon	no slide		Pico Fm	Pliocene
2232	Pitas Point	142	75	Javon Canyon	no slide		Pico Fm	Pliocene
2233	Antioch South	142	I-1	not on map	no slide			late Paleocene E Zone
2234	Tajiguas	143	1	Corral Canyon	no slide			early Miocene Relizian Stage
2235	Tajiguas	143	2	Corral Canyon	no slide			early Miocene Relizian Stage
2236	Canoga Park	144		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
2237	Tajiguas	144	1	Corral Canyon	no slide			early Miocene Relizian Stage
2238	Tajiguas	144	4	Corral Canyon	no slide			early Miocene Saucesian? Stage
2239	Moorpark	145	1	WC part of quad	29-L			Pliocene
2240	Moorpark	145	2	WC part of quad	29-L			Pliocene
2241	Moorpark	145	3	WC part of quad	29-L			Pliocene
2242	Moorpark	145	4	WC part of quad	29-L			Pliocene
2243	Moorpark	145	5	WC part of quad	29-L			Pliocene
2244	Moorpark	145	6	WC part of quad	29-L			Pliocene
2245	Moorpark	145	7	WC part of quad	29-L			Pliocene
2246	Moorpark	145	8	WC part of quad	29-L			Pliocene
2247	Moorpark	145	9	WC part of quad	29-L			Pliocene
2248	Moorpark	145	10	WC part of quad	29-L			Pliocene
2249	Moorpark	145	12	WC part of quad	29-L			Pliocene
2250	Moorpark	145	13	WC part of quad	29-L			Pliocene
2251	Moorpark	145	14	WC part of quad	29-L			Pliocene
2252	Moorpark	145	15	WC part of quad	29-L			Pliocene
2253	Moorpark	145	16	WC part of quad	29-L			Pliocene
2254	Moorpark	145	18	WC part of quad	29-L			Pliocene
2255	Moorpark	145	19	WC part of quad	29-L			Pliocene
2256	Moorpark	145	20	WC part of quad	29-L			Pliocene
2257	Moorpark	145	21	WC part of quad	29-L			Pliocene
2258	Moorpark	145	22	WC part of quad	29-L			Pliocene
2259	Moorpark	145	23	WC part of quad	29-L			Pliocene
2260	Moorpark	145	27	WC part of quad	29-L			Pliocene
2261	Moorpark	145	28	WC part of quad	29-L			Pliocene
2262	Moorpark	145	29	WC part of quad	29-L			Pliocene
2263	Moorpark	145	30	WC part of quad	29-L			Pliocene
2264	Moorpark	145	31	WC part of quad	29-L			Pliocene
2265	Moorpark	145	32	WC part of quad	29-L			Pliocene
2266	Moorpark	145	33	WC part of quad	29-L			Pliocene
2267	Moorpark	145	34	WC part of quad	29-L			Pliocene
2268	Moorpark	145	35	WC part of quad	29-L			Pliocene
2269	Moorpark	145	36	WC part of quad	29-L			Pliocene
2270	Moorpark	145	37	WC part of quad	29-L			Pliocene
2271	Moorpark	145	38	WC part of quad	29-L			Pliocene
2272	Moorpark	145	39	WC part of quad	29-L			Pliocene
2273	Moorpark	145	40	WC part of quad	29-L			Pliocene
2274	Moorpark	145	41	WC part of quad	29-L			Pliocene
2275	Moorpark	145	42	WC part of quad	29-L			Pliocene
2276	Moorpark	145	43	WC part of quad	29-L			Pliocene
2277	Moorpark	145	44	WC part of quad	29-L			Pliocene
2278	Moorpark	145	46	WC part of quad	29-L			Pliocene
2279	Moorpark	145	47	WC part of quad	29-L			Pliocene
2280	Moorpark	145	48	WC part of quad	29-L			Pliocene
2281	Moorpark	145	49	WC part of quad	29-L			Pliocene
2282	Moorpark	145	50	WC part of quad	29-L			Pliocene
2283	Moorpark	145	51	WC part of quad	29-L			Pliocene
2284	Moorpark	145	52	WC part of quad	29-L			Pliocene
2285	Moorpark	145	53	WC part of quad	29-L			Pliocene
2286	Moorpark	145	54	WC part of quad	29-L			Pliocene
2287	Moorpark	145	55	WC part of quad	29-M			Pliocene
2288	Moorpark	145	56	WC part of quad	29-M			Pliocene
2289	Moorpark	145	57	WC part of quad	29-M			Pliocene
2290	Moorpark	145	58	WC part of quad	29-M			Pliocene
2291	Moorpark	145	59	WC part of quad	29-M			Pliocene
2292	Moorpark	145	60	WC part of quad	29-M			Pliocene
2293	Moorpark	145	61	WC part of quad	29-M			Pliocene
2294	Moorpark	145	62	WC part of quad	29-M			Pliocene

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
2295	Moorpark	145	63	WC part of quad	29-M			Pliocene
2296	Moorpark	145	64	WC part of quad	29-M			Pliocene
2297	Moorpark	145	65	WC part of quad	29-M			Pliocene
2298	Moorpark	145	66	WC part of quad	29-M			Pliocene
2299	Moorpark	145	67	WC part of quad	29-M			Pliocene
2300	Moorpark	145	68	WC part of quad	29-M			Pliocene
2301	Moorpark	145	69	WC part of quad	29-M			Pliocene
2302	Moorpark	145	70	WC part of quad	29-M			Pliocene
2303	Moorpark	145	71	WC part of quad	29-M			Pliocene
2304	Moorpark	145	72	WC part of quad	29-M			Pliocene
2305	Moorpark	145	73	WC part of quad	29-M			Pliocene
2306	Moorpark	145	74	WC part of quad	29-M			Pliocene
2307	Moorpark	145	75	WC part of quad	29-M			Pliocene
2308	Moorpark	145	76	WC part of quad	29-M			Pliocene
2309	Moorpark	145	77	WC part of quad	29-M			Pliocene
2310	Moorpark	145	78	WC part of quad	29-M			Pliocene
2311	Moorpark	145	79	WC part of quad	29-M			Pliocene
2312	Moorpark	145	80	WC part of quad	29-M			Pliocene
2313	Moorpark	145	81	WC part of quad	29-M			Pliocene
2314	Moorpark	145	82	WC part of quad	29-M			Pliocene
2315	Moorpark	145	83	WC part of quad	29-M			Pliocene
2316	Moorpark	145	84	WC part of quad	29-M			Pliocene
2317	Moorpark	145	85	WC part of quad	29-M			Pliocene
2318	Moorpark	145	86	WC part of quad	29-M			Pliocene
2319	Moorpark	145	87	WC part of quad	29-M			Pliocene
2320	Moorpark	145	88	WC part of quad	29-M			Pliocene
2321	Moorpark	145	89	WC part of quad	29-M			Pliocene
2322	Moorpark	145	90	WC part of quad	29-M			Pliocene
2323	Moorpark	145	91	WC part of quad	29-M			Pliocene
2324	Moorpark	145	92	WC part of quad	29-M			Pliocene
2325	Moorpark	145	93	WC part of quad	29-M			Pliocene
2326	Moorpark	145	94	WC part of quad	29-M			Pliocene
2327	Moorpark	145	95	WC part of quad	29-M			Pliocene
2328	Moorpark	145	96	WC part of quad	29-M			Pliocene
2329	Moorpark	145	97	WC part of quad	29-M			Pliocene
2330	Moorpark	145	98	WC part of quad	29-M			Pliocene
2331	Tumey Hills	146	6	EC part of quad	no slide		has planktics	Eocene
2332	Canoga Park	146		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
2333	Canoga Park	147		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
2334	Moorpark	147	1	NE corner of quad	no slide		strat column	Pliocene
2335	Moorpark	147	2	NE corner of quad	no slide			middle and late Miocene upper Mohnian Stage
2336	Moorpark	147	3	NE corner of quad	no slide			middle and late Miocene upper Mohnian Stage
2337	Moorpark	147	4	NE corner of quad	no slide			middle and late Miocene upper Mohnian Stage
2338	Moorpark	147	5	NE corner of quad	no slide			middle and late Miocene upper Mohnian Stage
2339	Moorpark	147	6	NE corner of quad	no slide			middle and late Miocene upper Mohnian Stage
2340	Moorpark	147	7	NE corner of quad	no slide			middle and late Miocene upper Mohnian Stage
2341	Moorpark	147	8	NE corner of quad	no slide			middle and late Miocene upper Mohnian Stage
2342	Moorpark	147	9	NE corner of quad	no slide			middle and late Miocene upper Mohnian Stage
2343	Moorpark	147	10	NE corner of quad	no slide			middle and late Miocene upper Mohnian Stage
2344	Moorpark	147	11	NE corner of quad	no slide			middle and late Miocene Mohnian Stage
2345	Moorpark	147	12	NE corner of quad	no slide			middle and late Miocene Mohnian Stage
2346	Moorpark	147	13	NE corner of quad	no slide			middle and late Miocene Mohnian Stage
2347	Moorpark	147	14	NE corner of quad	no slide			middle and late Miocene Mohnian Stage
2348	Moorpark	147	15	NE corner of quad	no slide			middle and late Miocene Mohnian Stage
2349	Moorpark	147	16	NE corner of quad	no slide			middle and late Miocene Mohnian Stage
2350	Moorpark	147	17	NE corner of quad	no slide			middle and late Miocene Mohnian Stage
2351	Moorpark	147	18	NE corner of quad	no slide			middle and late Miocenelower Mohnian Stage
2352	Moorpark	147	19	NE corner of quad	no slide			middle and late Miocenelower Mohnian Stage
2353	Moorpark	147	20	NE corner of quad	no slide			middle and late Miocenelower Mohnian Stage
2354	Moorpark	147	21	NE corner of quad	no slide			middle Miocene Luisian Stage
2355	Moorpark	147	22	NE corner of quad	no slide			early Miocene Relizian Stage
2356	Moorpark	147	23	NE corner of quad	no slide			early Miocene Saucesian Stage
2357	Moorpark	147	24	NE corner of quad	no slide			early Miocene Saucesian Stage
2358	Moorpark	147	25	NE corner of quad	no slide			early Miocene Saucesian Stage
2359	Moorpark	147	26	NE corner of quad	no slide			early Miocene Saucesian Stage
2360	Moorpark	147	27	NE corner of quad	no slide			early Miocene Saucesian Stage
2361	Moorpark	147	28	NE corner of quad	no slide			early Miocene Saucesian Stage
2362	Moorpark	147	29	NE corner of quad	no slide			early Miocene Saucesian Stage
2363	Moorpark	147	30	NE corner of quad	no slide			early Miocene Saucesian Stage
2364	Moorpark	147	31	NE corner of quad	no slide			early Miocene Saucesian Stage
2365	Moorpark	147	32	NE corner of quad	no slide			early Miocene Saucesian Stage
2366	Moorpark	147	33	NE corner of quad	no slide			nonmarine
2367	Tumey Hills	147	1	N of Tumey Gulch	D-13	have check list		Cretaceous arenaceous foraminifers
2368	Tumey Hills	147	2	N of Tumey Gulch	D-13	but no ages		Cretaceous arenaceous foraminifers

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2369	Tumey Hills	147	3	N of Tumey Gulch	D-13			Cretaceous arenaceous foraminifers
2370	Tumey Hills	147	4	N of Tumey Gulch	D-13			early Eocene D Zone
2371	Tumey Hills	147	5	N of Tumey Gulch	D-13			early Eocene D Zone
2372	Tumey Hills	147	6	N of Tumey Gulch	D-13			early Eocene D Zone
2373	Tumey Hills	147	7	N of Tumey Gulch	D-13			early Eocene D Zone
2374	Tumey Hills	147	8	N of Tumey Gulch	D-13			early Eocene D Zone
2375	Tumey Hills	147	9A	N of Tumey Gulch	D-13			early Eocene D Zone
2376	Tumey Hills	147	9B	N of Tumey Gulch	D-13			early Eocene C Zone
2377	Tumey Hills	147	10	N of Tumey Gulch	D-13			early Eocene C Zone
2378	Tumey Hills	147	11	N of Tumey Gulch	D-13			early Eocene C Zone
2379	Tumey Hills	147	12	N of Tumey Gulch	D-13			early Eocene C Zone
2380	Tumey Hills	147	13	N of Tumey Gulch	D-13			early Eocene C Zone
2381	Tumey Hills	147	14	N of Tumey Gulch	D-13			early Eocene C Zone
2382	Tumey Hills	147	15	N of Tumey Gulch	D-13			early Eocene C Zone
2383	Tumey Hills	147	16	N of Tumey Gulch	D-13			early Eocene C Zone
2384	Tumey Hills	147	17	N of Tumey Gulch	D-13			early Eocene C Zone
2385	Tumey Hills	147	18	N of Tumey Gulch	D-13			early Eocene C Zone
2386	Tumey Hills	147	19	N of Tumey Gulch	D-13			early Eocene C Zone
2387	Tumey Hills	147	20	N of Tumey Gulch	D-13			early Eocene C Zone
2388	Tumey Hills	147	21	N of Tumey Gulch	D-13			early Eocene C Zone
2389	Tumey Hills	147	22	N of Tumey Gulch	D-13			early Eocene C Zone
2390	Tumey Hills	147	23	N of Tumey Gulch	D-13			early Eocene C Zone
2391	Tumey Hills	147	24	N of Tumey Gulch	D-13			early Eocene C Zone
2392	Tumey Hills	147	25	N of Tumey Gulch	D-13			early Eocene C Zone
2393	Tumey Hills	147	27	N of Tumey Gulch	D-13			early Eocene C Zone
2394	Tumey Hills	147	28	N of Tumey Gulch	D-13			early Eocene C Zone
2395	Tumey Hills	147	29	N of Tumey Gulch	D-13			early Eocene C Zone
2396	Tumey Hills	147	30	N of Tumey Gulch	D-13			early Eocene C Zone
2397	Tumey Hills	147	31	N of Tumey Gulch	D-13			early Eocene C Zone
2398	Tumey Hills	147	32	N of Tumey Gulch	D-13			early Eocene C Zone
2399	Tumey Hills	147	33	N of Tumey Gulch	D-13			early Eocene C Zone
2400	Tumey Hills	147	34	N of Tumey Gulch	D-13			early Eocene C Zone
2401	Tumey Hills	147	35	N of Tumey Gulch	D-13			early Eocene C Zone
2402	Tumey Hills	147	36	N of Tumey Gulch	D-13			early Eocene C Zone
2403	Tumey Hills	147	37	N of Tumey Gulch	D-13			early Eocene C Zone
2404	Tumey Hills	147	38	N of Tumey Gulch	D-13			early Eocene C Zone
2405	Tumey Hills	147	39	N of Tumey Gulch	D-13			early Eocene C Zone
2406	Tumey Hills	147	40	N of Tumey Gulch	D-13			early Eocene C Zone
2407	Tumey Hills	147	41	N of Tumey Gulch	D-13			early Eocene C Zone
2408	Tumey Hills	147	42	N of Tumey Gulch	D-13			early Eocene C Zone
2409	Tumey Hills	147	43	N of Tumey Gulch	D-14			early Eocene C Zone
2410	Tumey Hills	147	44	N of Tumey Gulch	D-14			early Eocene C Zone
2411	Tumey Hills	147	45	N of Tumey Gulch	D-14			early Eocene B-4 Zone
2412	Tumey Hills	147	46	N of Tumey Gulch	D-14			early Eocene B-4 Zone
2413	Tumey Hills	147	47	N of Tumey Gulch	D-14			early Eocene B-4 Zone
2414	Tumey Hills	147	48	N of Tumey Gulch	D-14			early Eocene B-4 Zone
2415	Tumey Hills	147	49	N of Tumey Gulch	D-14			early Eocene B-4 Zone
2416	Tumey Hills	147	50	N of Tumey Gulch	D-14			early Eocene B-4 Zone
2417	Tumey Hills	147	51	N of Tumey Gulch	D-14			early Eocene B-4 Zone
2418	Tumey Hills	147	52	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2419	Tumey Hills	147	53	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2420	Tumey Hills	147	54	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2421	Tumey Hills	147	55	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2422	Tumey Hills	147	56	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2423	Tumey Hills	147	57	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2424	Tumey Hills	147	58	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2425	Tumey Hills	147	59	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2426	Tumey Hills	147	60	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2427	Tumey Hills	147	61	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2428	Tumey Hills	147	62	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2429	Tumey Hills	147	63	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2430	Tumey Hills	147	64	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2431	Tumey Hills	147	65	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2432	Tumey Hills	147	66	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2433	Tumey Hills	147	67	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2434	Tumey Hills	147	68	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2435	Tumey Hills	147	69	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2436	Tumey Hills	147	70	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2437	Tumey Hills	147	71	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2438	Tumey Hills	147	72	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2439	Tumey Hills	147	73	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2440	Tumey Hills	147	74	N of Tumey Gulch	D-14			early Eocene B-2 and B-3 Zones
2441	Tumey Hills	147	slide 1	N of Tumey Gulch	D-14	types		no age provided
2442	Tumey Hills	147	slide 2	N of Tumey Gulch	D-14	types		no age provided

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
2443	Tumey Hills	147	slide 3	N of Tumey Gulch	D-14	types		no age provided
2444	Tumey Hills	147	slide 4	N of Tumey Gulch	D-14	types		no age provided
2445	Canoga Park	148		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
2446	Panoche?	148	P153-1	N of Panoche Creek	no slide			Eocene
2447	Panoche?	148	P153-2	N of Panoche Creek	no slide			Eocene
2448	Panoche?	148	P153-3	N of Panoche Creek	no slide			Eocene
2449	Panoche?	148	P153-4	N of Panoche Creek	no slide			Eocene
2450	Simi Valley West	148	1	NW part of quad	no slide	strat column		middle and late Miocene Mohnian Stage
2451	Simi Valley West	148	2	NW part of quad	no slide			middle and late Miocene Mohnian Stage
2452	Simi Valley West	148	3	NW part of quad	no slide			middle and late Miocene Mohnian Stage
2453	Simi Valley West	148	4	NW part of quad	no slide			middle and late Miocene Mohnian Stage
2454	Simi Valley West	148	5	NW part of quad	no slide			middle and late Miocene Mohnian Stage
2455	Simi Valley West	148	6	NW part of quad	no slide			middle and late Miocene Mohnian Stage
2456	Simi Valley West	148	7	NW part of quad	no slide			middle Miocene Luisian Stage
2457	Simi Valley West	148	8	NW part of quad	no slide			middle Miocene Luisian Stage
2458	Simi Valley West	148	9	NW part of quad	no slide			middle Miocene Luisian Stage
2459	Simi Valley West	148	10	NW part of quad	no slide			middle Miocene Luisian Stage
2460	Simi Valley West	148	11	NW part of quad	no slide			middle Miocene Luisian Stage
2461	Simi Valley West	148	12	NW part of quad	no slide			middle Miocene Luisian Stage
2462	Simi Valley West	148	13	NW part of quad	no slide			early Miocene Relizian Stage
2463	Simi Valley West	148	14	NW part of quad	no slide			early Miocene Relizian Stage
2464	Simi Valley West	148	15	NW part of quad	no slide			early Miocene Relizian Stage
2465	Simi Valley West	148	16	NW part of quad	no slide			early Miocene Saucesian Stage
2466	Simi Valley West	148	17	NW part of quad	no slide			early Miocene Saucesian Stage
2467	Simi Valley West	148	18	NW part of quad	no slide			early Miocene Saucesian Stage
2468	Simi Valley West	148	19	NW part of quad	no slide			early Miocene Saucesian Stage
2469	Simi Valley West	148	20	NW part of quad	no slide			early Miocene Saucesian Stage
2470	Simi Valley West	148	21	NW part of quad	no slide			early Miocene Saucesian Stage
2471	Canoga Park	149		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
2472	Tumey Hills	149	P154-1	center of quad	no slide		4/16S/12E	possibly Paleocene
2473	Tumey Hills	149	P154-2	center of quad	no slide		4/16S/12E	possibly Paleocene
2474	Tumey Hills	149	P154-3	center of quad	no slide		4/16S/12E	possibly Paleocene
2475	Ventura	149	1	Hall Canyon	36-A	strat column and	check list	Pliocene
2476	Ventura	149	2	Hall Canyon	36-A			Pliocene
2477	Ventura	149	3	Hall Canyon	36-A			Pliocene
2478	Ventura	149	4	Hall Canyon	36-A			Pliocene
2479	Ventura	149	5	Hall Canyon	36-A			Pliocene
2480	Ventura	149	6	Hall Canyon	36-A			Pliocene
2481	Ventura	149	7	Hall Canyon	36-A			Pliocene
2482	Ventura	149	8	Hall Canyon	36-A			Pliocene
2483	Ventura	149	9	Hall Canyon	36-A			Pliocene
2484	Ventura	149	10	Hall Canyon	36-A			Pliocene
2485	Ventura	149	11	Hall Canyon	36-A			Pliocene
2486	Ventura	149	12	Hall Canyon	36-A			Pliocene
2487	Ventura	149	13	Hall Canyon	36-A			Pliocene
2488	Ventura	149	14	Hall Canyon	36-A			Pliocene
2489	Ventura	149	15	Hall Canyon	36-A			Pliocene
2490	Ventura	149	16	Hall Canyon	36-A			Pliocene
2491	Ventura	149	17	Hall Canyon	36-A			Pliocene
2492	Ventura	149	18	Hall Canyon	36-A			Pliocene
2493	Ventura	149	19	Hall Canyon	36-A			Pliocene
2494	Ventura	149	20	Hall Canyon	36-A			Pliocene
2495	Ventura	149	21	Hall Canyon	36-A			Pliocene
2496	Ventura	149	22	Hall Canyon	36-A			Pliocene
2497	Ventura	149	23	Hall Canyon	36-A			Pliocene
2498	Ventura	149	24	Hall Canyon	36-A			Pliocene
2499	Ventura	149	25	Hall Canyon	36-A			Pliocene
2500	Ventura	149	26	Hall Canyon	36-A			Pliocene
2501	Ventura	149	27	Hall Canyon	36-A			Pliocene
2502	Ventura	149	28	Hall Canyon	36-A			Pliocene
2503	Ventura	149	29	Hall Canyon	36-A			Pliocene
2504	Ventura	149	30	Hall Canyon	36-A			Pliocene
2505	Ventura	149	31	Hall Canyon	36-A			Pliocene
2506	Ventura	149	32	Hall Canyon	36-A			Pliocene
2507	Ventura	149	33	Hall Canyon	36-A			Pliocene
2508	Ventura	149	35	Hall Canyon	36-A			Pliocene
2509	Ventura	149	36	Hall Canyon	36-A			Pliocene
2510	Ventura	149	37	Hall Canyon	36-A			Pliocene
2511	Ventura	149	38	Hall Canyon	36-A			Pliocene
2512	Ventura	149	39	Hall Canyon	36-A			Pliocene
2513	Ventura	149	40	Hall Canyon	36-A			Pliocene
2514	Ventura	149	41	Hall Canyon	36-A			Pliocene
2515	Ventura	149	42	Hall Canyon	36-A			Pliocene
2516	Ventura	149	43	Hall Canyon	36-A			Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
2517	Ventura	149	44	Hall Canyon	36-A			Pliocene
2518	Ventura	149	45	Hall Canyon	36-A			Pliocene
2519	Ventura	149	46	Hall Canyon	36-A			Pliocene
2520	Ventura	149	47	Hall Canyon	36-A			Pliocene
2521	Ventura	149	48	Hall Canyon	36-A			Pliocene
2522	Ventura	149	49	Hall Canyon	36-A			Pliocene
2523	Ventura	149	50	Hall Canyon	36-A			Pliocene
2524	Ventura	149	51	Hall Canyon	36-A			Pliocene
2525	Ventura	149	52	Hall Canyon	36-A			Pliocene
2526	Ventura	149	53	Hall Canyon	36-A			Pliocene
2527	Ventura	149	54	Hall Canyon	36-A			Pliocene
2528	Ventura	149	55	Hall Canyon	36-A			Pliocene
2529	Ventura	149	56	Hall Canyon	36-B			Pliocene
2530	Ventura	149	57	Hall Canyon	36-B			Pliocene
2531	Ventura	149	58	Hall Canyon	36-B			Pliocene
2532	Ventura	149	59	Hall Canyon	36-B			Pliocene
2533	Ventura	149	60	Hall Canyon	36-B			Pliocene
2534	Ventura	149	61	Hall Canyon	36-B			Pliocene
2535	Ventura	149	62	Hall Canyon	36-B			Pliocene
2536	Ventura	149	63	Hall Canyon	36-B			Pliocene
2537	Ventura	149	64	Hall Canyon	36-B			Pliocene
2538	Ventura	149	65	Hall Canyon	36-B			Pliocene
2539	Ventura	149	66	Hall Canyon	36-B			Pliocene
2540	Ventura	149	67	Hall Canyon	36-B			Pliocene
2541	Ventura	149	68	Hall Canyon	36-B			Pliocene
2542	Ventura	149	69	Hall Canyon	36-B			Pliocene
2543	Ventura	149	70	Hall Canyon	36-B			Pliocene
2544	Ventura	149	71	Hall Canyon	36-B			Pliocene
2545	Ventura	149	72	Hall Canyon	36-B			Pliocene
2546	Ventura	149	73	Hall Canyon	36-B			Pliocene
2547	Ventura	149	74	Hall Canyon	36-B			Pliocene
2548	Ventura	149	75	Hall Canyon	36-B			Pliocene
2549	Ventura	149	76	Hall Canyon	36-B			Pliocene
2550	Ventura	149	77	Hall Canyon	36-B			Pliocene
2551	Ventura	149	78	Hall Canyon	36-B			Pliocene
2552	Ventura	149	79	Hall Canyon	36-B			Pliocene
2553	Ventura	149	80	Hall Canyon	36-B			Pliocene
2554	Ventura	149	82	Hall Canyon	36-B			Pliocene
2555	Ventura	149	83	Hall Canyon	36-B			Pliocene
2556	Ventura	149	84	Hall Canyon	36-B			Pliocene
2557	Ventura	149	85	Hall Canyon	36-B			Pliocene
2558	Ventura	149	86	Hall Canyon	36-B			Pliocene
2559	Ventura	149	87	Hall Canyon	36-B			Pliocene
2560	Ventura	149	88	Hall Canyon	36-B			Pliocene
2561	Ventura	149	89	Hall Canyon	36-B			Pliocene
2562	Ventura	149	90	Hall Canyon	36-B			Pliocene
2563	Ventura	149	91	Hall Canyon	36-B			Pliocene
2564	Ventura	149	92	Hall Canyon	36-B			Pliocene
2565	Ventura	149	93	Hall Canyon	36-B			Pliocene
2566	Ventura	149	94	Hall Canyon	36-B			Pliocene
2567	Ventura	149	95	Hall Canyon	36-B			Pliocene
2568	Ventura	149	96	Hall Canyon	36-B			Pliocene
2569	Ventura	149	97	Hall Canyon	36-B			Pliocene
2570	Ventura	149	98	Hall Canyon	36-B			Pliocene
2571	Ventura	149	99	Hall Canyon	36-B			Pliocene
2572	Ventura	149	100	Hall Canyon	36-B			Pliocene
2573	Ventura	149	101	Hall Canyon	36-B			Pliocene
2574	Ventura	149	102	Hall Canyon	36-B			Pliocene
2575	Ventura	149	103	Hall Canyon	36-B			Pliocene
2576	Ventura	149	104	Hall Canyon	36-B			Pliocene
2577	Ventura	149	105	Hall Canyon	36-B			Pliocene
2578	Ventura	149	106	Hall Canyon	36-B			Pliocene
2579	Ventura	149	107	Hall Canyon	36-B			Pliocene
2580	Ventura	149	108	Hall Canyon	36-C			Pliocene
2581	Ventura	149	109	Hall Canyon	36-C			Pliocene
2582	Ventura	149	110	Hall Canyon	36-C			Pliocene
2583	Ventura	149	111	Hall Canyon	36-C			Pliocene
2584	Ventura	149	112	Hall Canyon	36-C			Pliocene
2585	Ventura	149	113	Hall Canyon	36-C			Pliocene
2586	Ventura	149	114	Hall Canyon	36-C			Pliocene
2587	Ventura	149	115	Hall Canyon	36-C			Pliocene
2588	Ventura	149	116	Hall Canyon	36-C			Pliocene
2589	Ventura	149	117	Hall Canyon	36-C			Pliocene
2590	Ventura	149	118	Hall Canyon	36-C			Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
2591	Ventura	149	119	Hall Canyon	36-C			Pliocene
2592	Ventura	149	120	Hall Canyon	36-C			Pliocene
2593	Ventura	149	121	Hall Canyon	36-C			Pliocene
2594	Ventura	149	122	Hall Canyon	36-C			Pliocene
2595	Ventura	149	123	Hall Canyon	36-C			Pliocene
2596	Ventura	149	124	Hall Canyon	36-C			Pliocene
2597	Ventura	149	125	Hall Canyon	36-C			Pliocene
2598	Ventura	149	126	Hall Canyon	36-C			Pliocene
2599	Ventura	149	127	Hall Canyon	36-C			Pliocene
2600	Ventura	149	128	Hall Canyon	36-C			Pliocene
2601	Ventura	149	129	Hall Canyon	36-C			Pliocene
2602	Ventura	149	130	Hall Canyon	36-C			Pliocene
2603	Ventura	149	131	Hall Canyon	36-C			Pliocene
2604	Ventura	149	132	Hall Canyon	36-C			Pliocene
2605	Ventura	149	133	Hall Canyon	36-C			Pliocene
2606	Ventura	149	134	Hall Canyon	36-C			Pliocene
2607	Ventura	149	135	Hall Canyon	36-C			Pliocene
2608	Ventura	149	136	Hall Canyon	36-C			Pliocene
2609	Ventura	149	137	Hall Canyon	36-C			Pliocene
2610	Ventura	149	138	Hall Canyon	36-C			Pliocene
2611	Ventura	149	139	Hall Canyon	36-C			Pliocene
2612	Ventura	149	141	Hall Canyon	36-C			Pliocene
2613	Ventura	149	142	Hall Canyon	36-C			Pliocene
2614	Ventura	149	143	Hall Canyon	36-C			Pliocene
2615	Ventura	149	144	Hall Canyon	36-C			Pliocene
2616	Ventura	149	145	Hall Canyon	36-C			Pliocene
2617	Ventura	149	146	Hall Canyon	36-C			Pliocene
2618	Ventura	149	147	Hall Canyon	36-C			Pliocene
2619	Ventura	149	148	Hall Canyon	36-C			Pliocene
2620	Ventura	149	149	Hall Canyon	36-C			Pliocene
2621	Ventura	149	150	Hall Canyon	36-C			Pliocene
2622	Ventura	149	151	Hall Canyon	36-C			Pliocene
2623	Ventura	149	152	Hall Canyon	36-C			Pliocene
2624	Ventura	149	153	Hall Canyon	36-C			Pliocene
2625	Ventura	149	154	Hall Canyon	36-C			Pliocene
2626	Ventura	149	155	Hall Canyon	36-C			Pliocene
2627	Ventura	149	156	Hall Canyon	36-C			Pliocene
2628	Ventura	149	157	Hall Canyon	36-C			Pliocene
2629	Ventura	149	158	Hall Canyon	36-C			Pliocene
2630	Ventura	149	159	Hall Canyon	36-C			Pliocene
2631	Ventura	149	160	Hall Canyon	36-C			Pliocene
2632	Ventura	149	161	Hall Canyon	36-D			Pliocene
2633	Ventura	149	162	Hall Canyon	36-D			Pliocene
2634	Ventura	149	163	Hall Canyon	36-D			Pliocene
2635	Ventura	149	164	Hall Canyon	36-D			Pliocene
2636	Ventura	149	165	Hall Canyon	36-D			Pliocene
2637	Ventura	149	166	Hall Canyon	36-D			Pliocene
2638	Ventura	149	167	Hall Canyon	36-D			Pliocene
2639	Ventura	149	168	Hall Canyon	36-D			Pliocene
2640	Ventura	149	169	Hall Canyon	36-D			Pliocene
2641	Ventura	149	170	Hall Canyon	36-D			Pliocene
2642	Ventura	149	171	Hall Canyon	36-D			Pliocene
2643	Ventura	149	172	Hall Canyon	36-D			Pliocene
2644	Ventura	149	173	Hall Canyon	36-D			Pliocene
2645	Ventura	149	174	Hall Canyon	36-D			Pliocene
2646	Ventura	149	175	Hall Canyon	36-D			Pliocene
2647	Ventura	149	176	Hall Canyon	36-D			Pliocene
2648	Ventura	149	177	Hall Canyon	36-D			Pliocene
2649	Ventura	149	178	Hall Canyon	36-D			Pliocene
2650	Ventura	149	179	Hall Canyon	36-D			Pliocene
2651	Ventura	149	180	Hall Canyon	36-D			Pliocene
2652	Ventura	149	181	Hall Canyon	36-D			Pliocene
2653	Ventura	149	182	Hall Canyon	36-D			Pliocene
2654	Ventura	149	183	Hall Canyon	36-D			Pliocene
2655	Ventura	149	184	Hall Canyon	36-D			Pliocene
2656	Ventura	149	185	Hall Canyon	36-D			Pliocene
2657	Ventura	149	186	Hall Canyon	36-D			Pliocene
2658	Ventura	149	187	Hall Canyon	36-D			Pliocene
2659	Ventura	149	188	Hall Canyon	36-D			Pliocene
2660	Ventura	149	189	Hall Canyon	36-D			Pliocene
2661	Ventura	149	190	Hall Canyon	36-D			Pliocene
2662	Ventura	149	191	Hall Canyon	36-D			Pliocene
2663	Ventura	149	192	Hall Canyon	36-D			Pliocene
2664	Ventura	149	193	Hall Canyon	36-D			Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
2665	Ventura	149	194	Hall Canyon	36-D			Pliocene
2666	Ventura	149	195	Hall Canyon	36-D			Pliocene
2667	Ventura	149	196	Hall Canyon	36-D			Pliocene
2668	Ventura	149	197	Hall Canyon	36-D			Pliocene
2669	Ventura	149	198	Hall Canyon	36-D			Pliocene
2670	Ventura	149	199	Hall Canyon	36-D			Pliocene
2671	Ventura	149	200	Hall Canyon	36-D			Pliocene
2672	Ventura	149	201	Hall Canyon	36-D			Pliocene
2673	Ventura	149	202	Hall Canyon	36-D			Pliocene
2674	Ventura	149	203	Hall Canyon	36-D			Pliocene
2675	Ventura	149	204	Hall Canyon	36-D			Pliocene
2676	Ventura	149	205	Hall Canyon	36-D			Pliocene
2677	Ventura	149	206	Hall Canyon	36-D			Pliocene
2678	Ventura	149	207	Hall Canyon	36-D			Pliocene
2679	Ventura	149	208	Hall Canyon	36-D			Pliocene
2680	Ventura	149	209	Hall Canyon	36-D			Pliocene
2681	Ventura	149	210	Hall Canyon	36-E			Pliocene
2682	Ventura	149	211	Hall Canyon	36-E			Pliocene
2683	Ventura	149	212	Hall Canyon	36-E			Pliocene
2684	Ventura	149	213	Hall Canyon	36-E			Pliocene
2685	Ventura	149	214	Hall Canyon	36-E			Pliocene
2686	Ventura	149	215	Hall Canyon	36-E			Pliocene
2687	Ventura	149	216	Hall Canyon	36-E			Pliocene
2688	Ventura	149	217	Hall Canyon	36-E			Pliocene
2689	Ventura	149	218	Hall Canyon	36-E			Pliocene
2690	Ventura	149	219	Hall Canyon	36-E			Pliocene
2691	Ventura	149	220	Hall Canyon	36-E			Pliocene
2692	Ventura	149	221	Hall Canyon	36-E			Pliocene
2693	Ventura	149	222	Hall Canyon	36-E			Pliocene
2694	Ventura	149	223	Hall Canyon	36-E			Pliocene
2695	Ventura	149	224	Hall Canyon	36-E			Pliocene
2696	Ventura	149	225	Hall Canyon	36-E			Pliocene
2697	Ventura	149	226	Hall Canyon	36-E			Pliocene
2698	Ventura	149	227	Hall Canyon	36-E			Pliocene
2699	Ventura	149	228	Hall Canyon	36-E			Pliocene
2700	Ventura	149	229	Hall Canyon	36-E			Pliocene
2701	Ventura	149	230	Hall Canyon	36-E			Pliocene
2702	Ventura	149	231	Hall Canyon	36-E			Pliocene
2703	Ventura	149	232	Hall Canyon	36-E			Pliocene
2704	Ventura	149	233	Hall Canyon	36-E			Pliocene
2705	Ventura	149	234	Hall Canyon	36-E			Pliocene
2706	Ventura	149	235	Hall Canyon	36-E			Pliocene
2707	Ventura	149	236	Hall Canyon	36-E			Pliocene
2708	Ventura	149	237	Hall Canyon	36-E			Pliocene
2709	Ventura	149	238	Hall Canyon	36-E			Pliocene
2710	Ventura	149	239	Hall Canyon	36-E			Pliocene
2711	Ventura	149	241	Hall Canyon	36-E			Pliocene
2712	Ventura	149	242	Hall Canyon	36-E			Pliocene
2713	Ventura	149	243	Hall Canyon	36-E			Pliocene
2714	Ventura	149	244	Hall Canyon	36-E			Pliocene
2715	Ventura	149	245	Hall Canyon	36-E			Pliocene
2716	Ventura	149	246	Hall Canyon	36-E			Pliocene
2717	Ventura	149	247	Hall Canyon	36-E			Pliocene
2718	Ventura	149	248	Hall Canyon	36-E			Pliocene
2719	Ventura	149	249	Hall Canyon	36-E			Pliocene
2720	Ventura	149	250	Hall Canyon	36-E			Pliocene
2721	Ventura	149	251	Hall Canyon	36-E			Pliocene
2722	Ventura	149	252	Hall Canyon	36-E			Pliocene
2723	Ventura	149	253	Hall Canyon	36-E			Pliocene
2724	Ventura	149	254	Hall Canyon	36-E			Pliocene
2725	Ventura	149	255	Hall Canyon	36-E			Pliocene
2726	Ventura	149	256	Hall Canyon	36-E			Pliocene
2727	Ventura	149	257	Hall Canyon	36-E			Pliocene
2728	Ventura	149	258	Hall Canyon	36-E			Pliocene
2729	Ventura	149	259	Hall Canyon	36-E			Pliocene
2730	Ventura	149	260	Hall Canyon	36-E			Pliocene
2731	Ventura	149	261	Hall Canyon	36-E			Pliocene
2732	Ventura	149	262	Hall Canyon	36-E			Pliocene
2733	Ventura	149	263	Hall Canyon	36-E			Pliocene
2734	Ventura	149	264	Hall Canyon	36-E			Pliocene
2735	Ventura	149	265	Hall Canyon	36-F			Pliocene
2736	Ventura	149	266	Hall Canyon	36-F			Pliocene
2737	Ventura	149	267	Hall Canyon	36-F			Pliocene
2738	Ventura	149	268	Hall Canyon	36-F			Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
2739	Ventura	149	269	Hall Canyon	36-F			Pliocene
2740	Ventura	149	270	Hall Canyon	36-F			Pliocene
2741	Ventura	149	271	Hall Canyon	36-F			Pliocene
2742	Ventura	149	272	Hall Canyon	36-F			Pliocene
2743	Ventura	149	273	Hall Canyon	36-F			Pliocene
2744	Ventura	149	274	Hall Canyon	36-F			Pliocene
2745	Ventura	149	275	Hall Canyon	36-F			Pliocene
2746	Ventura	149	276	Hall Canyon	36-F			Pliocene
2747	Ventura	149	277	Hall Canyon	36-F			Pliocene
2748	Ventura	149	278	Hall Canyon	36-F			Pliocene
2749	Ventura	149	279	Hall Canyon	36-F			Pliocene
2750	Ventura	149	280	Hall Canyon	36-F			Pliocene
2751	Ventura	149	281	Hall Canyon	36-F			Pliocene
2752	Ventura	149	282	Hall Canyon	36-F			Pliocene
2753	Ventura	149	283	Hall Canyon	36-F			Pliocene
2754	Ventura	149	284	Hall Canyon	36-F			Pliocene
2755	Ventura	149	285	Hall Canyon	36-F			Pliocene
2756	Ventura	149	286	Hall Canyon	36-F			Pliocene
2757	Ventura	149	287	Hall Canyon	36-F			Pliocene
2758	Ventura	149	288	Hall Canyon	36-F			Pliocene
2759	Ventura	149	289	Hall Canyon	36-F			Pliocene
2760	Ventura	149	290	Hall Canyon	36-F			Pliocene
2761	Ventura	149	291	Hall Canyon	36-F			Pliocene
2762	Ventura	149	292	Hall Canyon	36-F			Pliocene
2763	Ventura	149	293	Hall Canyon	36-F			Pliocene
2764	Ventura	149	294	Hall Canyon	36-F			Pliocene
2765	Ventura	149	295	Hall Canyon	36-F			Pliocene
2766	Ventura	149	296	Hall Canyon	36-F			Pliocene
2767	Ventura	149	297	Hall Canyon	36-F			Pliocene
2768	Ventura	149	298	Hall Canyon	36-F			Pliocene
2769	Ventura	149	299	Hall Canyon	36-F			Pliocene
2770	Ventura	149	300	Hall Canyon	36-F			Pliocene
2771	Ventura	149	301	Hall Canyon	36-F			Pliocene
2772	Ventura	149	302	Hall Canyon	36-F			Pliocene
2773	Ventura	149	303	Hall Canyon	36-F			Pliocene
2774	Ventura	149	304	Hall Canyon	36-F			Pliocene
2775	Ventura	149	305	Hall Canyon	36-F			Pliocene
2776	Ventura	149	306	Hall Canyon	36-F			Pliocene
2777	Ventura	149	307	Hall Canyon	36-F			Pliocene
2778	Ventura	149	308	Hall Canyon	36-F			Pliocene
2779	Ventura	149	309	Hall Canyon	36-F			Pliocene
2780	Ventura	149	310	Hall Canyon	36-F			Pliocene
2781	Ventura	149	311	Hall Canyon	36-F			Pliocene
2782	Ventura	149	312	Hall Canyon	36-F			Pliocene
2783	Ventura	149	313	Hall Canyon	36-F			Pliocene
2784	Ventura	149	314	Hall Canyon	36-F			Pliocene
2785	Ventura	149	315	Hall Canyon	36-F			Pliocene
2786	Ventura	149	316	Hall Canyon	36-G			Pliocene
2787	Ventura	149	317	Hall Canyon	36-G			Pliocene
2788	Ventura	149	318	Hall Canyon	36-G			Pliocene
2789	Ventura	149	319	Hall Canyon	36-G			Pliocene
2790	Ventura	149	320	Hall Canyon	36-G			Pliocene
2791	Ventura	149	321	Hall Canyon	36-G			Pliocene
2792	Ventura	149	322	Hall Canyon	36-G			Pliocene
2793	Ventura	149	323	Hall Canyon	36-G			Pliocene
2794	Ventura	149	324	Hall Canyon	36-G			Pliocene
2795	Ventura	149	325	Hall Canyon	36-G			Pliocene
2796	Ventura	149	326	Hall Canyon	36-G			Pliocene
2797	Ventura	149	327	Hall Canyon	36-G			Pliocene
2798	Ventura	149	328	Hall Canyon	36-G			Pliocene
2799	Ventura	149	329	Hall Canyon	36-G			Pliocene
2800	Garza Peak	150		vic Willow Spring	no slide		26/23S/16E	Late Cretaceous or Paleocene
2801	Lillis Ranch	150	23	WC part of quad	no slide	from trenches	NP ages	middle Eocene Chiphragmalithus quadratus Zone
2802	Lillis Ranch	150	24	WC part of quad	no slide	Have strat column	NP ages	middle Eocene Chiphragmalithus quadratus Zone
2803	Lillis Ranch	150	33	WC part of quad	no slide	and check list	NP ages	middle Eocene Chiphragmalithus quadratus Zone
2804	Lillis Ranch	150	35	WC part of quad	no slide	from trenches	NP ages	middle Eocene Chiphragmalithus quadratus Zone
2805	Lillis Ranch	150	36	WC part of quad	no slide	from trenches	NP ages	middle Eocene Chiphragmalithus quadratus Zone
2806	Lillis Ranch	150	38	WC part of quad	no slide	from trenches	NP ages	middle Eocene Chiphragmalithus quadratus Zone
2807	Lillis Ranch	150	39	WC part of quad	no slide	from trenches	NP ages	middle Eocene Chiphragmalithus quadratus Zone
2808	Lillis Ranch	150	41	WC part of quad	no slide	from trenches	NP ages	middle Eocene Chiphragmalithus quadratus Zone
2809	Lillis Ranch	150	50	WC part of quad	no slide	from trenches	NP ages	middle Eocene Chiphragmalithus quadratus Zone
2810	Lillis Ranch	150	51	WC part of quad	no slide	from trenches	NP ages	middle Eocene Chiphragmalithus quadratus Zone
2811	Lillis Ranch	150	62	WC part of quad	no slide	from trenches	NP ages	middle Eocene Discoaster martinii Zone
2812	Simi Valley West	150	1	Frey Canyon	no slide	strat column		middle and late Miocene Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
2813	Simi Valley West	150	2	Frey Canyon	no slide			middle and late Miocene Mohnian Stage
2814	Simi Valley West	150	3	Frey Canyon	no slide			middle and late Miocene Mohnian Stage
2815	Simi Valley West	150	4	Frey Canyon	no slide			middle and late Miocene Mohnian Stage
2816	Simi Valley West	150	5	Frey Canyon	no slide			middle and late Miocene Mohnian Stage
2817	Simi Valley West	150	6	Frey Canyon	no slide			middle and late Miocene Mohnian Stage
2818	Simi Valley West	150	7	Frey Canyon	no slide			middle and late Miocene Mohnian Stage
2819	Simi Valley West	150	8	Frey Canyon	no slide			middle and late Miocene Mohnian Stage
2820	Simi Valley West	150	9	Frey Canyon	no slide			middle and late Miocene Mohnian Stage
2821	Simi Valley West	150	10	Frey Canyon	no slide			middle Miocene Luisian Stage
2822	Simi Valley West	150	11	Frey Canyon	no slide			middle Miocene Luisian Stage
2823	Simi Valley West	150	12	Frey Canyon	no slide			middle Miocene Luisian Stage
2824	Simi Valley West	150	13	Frey Canyon	no slide			middle Miocene Luisian Stage
2825	Simi Valley West	150	14	Frey Canyon	no slide			middle Miocene Luisian Stage
2826	Simi Valley West	150	15	Frey Canyon	no slide			middle Miocene Luisian Stage
2827	Simi Valley West	150	16	Frey Canyon	no slide			middle Miocene Luisian Stage
2828	Simi Valley West	150	17	Frey Canyon	no slide			middle Miocene Luisian Stage
2829	Simi Valley West	150	18	Frey Canyon	no slide			middle Miocene Relizian Stage
2830	Simi Valley West	150	19	Frey Canyon	no slide			early Miocene Saucesian Stage
2831	Simi Valley West	150	20	Frey Canyon	no slide			early Miocene Saucesian Stage
2832	Simi Valley West	150	21	Frey Canyon	no slide			early Miocene Saucesian Stage
2833	Simi Valley West	150	22	Frey Canyon	no slide			early Miocene Saucesian Stage
2834	Simi Valley West	150	23	Frey Canyon	no slide			early Miocene Saucesian Stage
2835	Simi Valley West	150	24	Frey Canyon	no slide			early Miocene Saucesian Stage
2836	Simi Valley West	150	25	Frey Canyon	no slide			early Miocene Saucesian Stage
2837	Simi Valley West	150	26	Frey Canyon	no slide			early Miocene Saucesian Stage
2838	Simi Valley West	150	27	Frey Canyon	no slide			early Miocene Saucesian Stage
2839	Simi Valley West	150	28	Frey Canyon	no slide			early Miocene Saucesian Stage
2840	Simi Valley West	150	29	Frey Canyon	no slide			early Miocene Saucesian Stage
2841	Simi Valley West	150	30	Frey Canyon	no slide			early Miocene Saucesian Stage
2842	Simi Valley West	150	31	Frey Canyon	no slide			early Miocene Saucesian Stage
2843	Canoga Park	151		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
2844	Domengine Ranch	151	10A1	Domengine Ranch	D-12	Joaquin Rocks 15'	trench	Eocene
2845	Domengine Ranch	151	10A2	Domengine Ranch	D-12	Joaquin Rocks 15'	trench	Eocene
2846	Domengine Ranch	151	10A3	Domengine Ranch	D-12	Joaquin Rocks 15'	trench	Eocene
2847	Domengine Ranch	151	10A4	Domengine Ranch	D-12	Joaquin Rocks 15'	trench	Eocene
2848	Moorpark	151	1	NE corner of quad	no slide		strat column	middle and late Miocene upper Mohnian Stage
2849	Moorpark	151	2	NE corner of quad	no slide		strat column	middle and late Miocene upper Mohnian Stage
2850	Moorpark	151	3	NE corner of quad	no slide		strat column	middle and late Miocene upper Mohnian Stage
2851	Moorpark	151	4	NE corner of quad	no slide		strat column	middle and late Miocene upper Mohnian Stage
2852	Moorpark	151	5	NE corner of quad	no slide		strat column	middle and late Miocene upper Mohnian Stage
2853	Moorpark	151	6	NE corner of quad	no slide		strat column	middle and late Miocene upper Mohnian Stage
2854	Moorpark	151	7	NE corner of quad	no slide		strat column	middle and late Miocene upper Mohnian Stage
2855	Moorpark	151	8	NE corner of quad	no slide		strat column	middle and late Miocene upper Mohnian Stage
2856	Moorpark	151	9	NE corner of quad	no slide		strat column	middle and late Miocene upper Mohnian Stage
2857	Moorpark	151	10	NE corner of quad	no slide		strat column	middle and late Miocene Mohnian Stage
2858	Moorpark	151	11	NE corner of quad	no slide		strat column	middle and late Miocene Mohnian Stage
2859	Moorpark	151	12	NE corner of quad	no slide		strat column	middle and late Miocene Mohnian Stage
2860	Moorpark	151	13	NE corner of quad	no slide		strat column	middle and late Miocene Mohnian Stage
2861	Moorpark	151	14	NE corner of quad	no slide		strat column	middle and late Miocene Mohnian Stage
2862	Moorpark	151	15	NE corner of quad	no slide		strat column	middle and late Miocene lower Mohnian Stage
2863	Moorpark	151	16	NE corner of quad	no slide		strat column	middle and late Miocene lower Mohnian Stage
2864	Moorpark	151	17	NE corner of quad	no slide		strat column	middle and late Miocene lower Mohnian Stage
2865	Moorpark	151	18	NE corner of quad	no slide		strat column	middle Miocene Luisian Stage
2866	Moorpark	151	19	NE corner of quad	no slide		strat column	middle Miocene Luisian Stage
2867	Moorpark	151	20	NE corner of quad	no slide		strat column	middle Miocene Luisian Stage
2868	Moorpark	151	21	NE corner of quad	no slide		strat column	middle Miocene Luisian Stage
2869	Moorpark	151	22	NE corner of quad	43-I		strat column	early Miocene upper Saucesian Stage
2870	Moorpark	151	23	NE corner of quad	no slide		strat column	early Miocene Saucesian Stage
2871	Moorpark	151	24	NE corner of quad	no slide		strat column	early Miocene Saucesian Stage
2872	Moorpark	151	25	NE corner of quad	no slide		strat column	early Miocene Saucesian Stage
2873	Moorpark	151	26	NE corner of quad	no slide		strat column	early Miocene Saucesian Stage
2874	Moorpark	151	27	NE corner of quad	no slide		strat column	early Miocene Saucesian Stage
2875	Moorpark	151	28	NE corner of quad	43-I		strat column	early Miocene upper Saucesian Stage
2876	Moorpark	151	29	NE corner of quad	no slide		strat column	early Miocene Saucesian Stage
2877	Moorpark	151	30	NE corner of quad	no slide		strat column	early Miocene Saucesian Stage
2878	Canoga Park	152		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
2879	Garza Peak	152		vic Willow Spring	no slide		26/23S/16E	Late Cretaceous F-2 or G-1 Zone
2880	Joaquin Rocks	152	P42	NC part of quad	G-5	Joaquin Rocks 15'		Eocene
2881	Joaquin Rocks	152	P42A1	NC part of quad	G-5	Joaquin Rocks 15'		Eocene
2882	Joaquin Rocks	152	P42A2	NC part of quad	G-5	Joaquin Rocks 15'		Eocene
2883	Joaquin Rocks	152	P42A3	NC part of quad	G-5	Joaquin Rocks 15'		Eocene
2884	Joaquin Rocks	152	P42A5	NC part of quad	G-5	Joaquin Rocks 15'		Eocene
2885	Moorpark	152	1	Grimes Canyon	no slide		strat column	middle and late Miocene upper Mohnian Stage
2886	Moorpark	152	2	Grimes Canyon	no slide		strat column	middle and late Miocene upper Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
2887	Moorpark	152	3	Grimes Canyon	no slide		strat column	middle and late Miocene upper Mohnian Stage
2888	Moorpark	152	4	Grimes Canyon	no slide		strat column	middle and late Miocene upper Mohnian Stage
2889	Moorpark	152	5	Grimes Canyon	no slide		strat column	middle and late Miocene upper Mohnian Stage
2890	Moorpark	152	6	Grimes Canyon	no slide		strat column	middle and late Miocene Mohnian Stage
2891	Moorpark	152	7	Grimes Canyon	no slide		strat column	middle and late Miocene Mohnian Stage
2892	Moorpark	152	8	Grimes Canyon	no slide		strat column	middle and late Miocene Mohnian Stage
2893	Moorpark	152	9	Grimes Canyon	no slide		strat column	middle and late Miocene lower Mohnian Stage
2894	Moorpark	152	10	Grimes Canyon	no slide		strat column	middle and late Miocene lower Mohnian Stage
2895	Moorpark	152	11	Grimes Canyon	no slide		strat column	middle and late Miocene lower Mohnian Stage
2896	Moorpark	152	12	Grimes Canyon	no slide		strat column	middle Miocene Luisian Stage
2897	Moorpark	152	13	Grimes Canyon	no slide		strat column	middle Miocene Luisian Stage
2898	Moorpark	152	14	Grimes Canyon	no slide		strat column	early Miocene Saucesian Stage
2899	Moorpark	152	15	Grimes Canyon	no slide		strat column	early Miocene Saucesian Stage
2900	Moorpark	152	16	Grimes Canyon	no slide		strat column	early Miocene Saucesian Stage
2901	Moorpark	152	17	Grimes Canyon	no slide		strat column	early Miocene Saucesian Stage
2902	Moorpark	153	1	NC part of quad	no slide		strat column	middle and late Miocene Mohnian Stage
2903	Moorpark	153	2	NC part of quad	no slide		strat column	middle and late Miocene Mohnian Stage
2904	Moorpark	153	3	NC part of quad	no slide		strat column	middle and late Miocene Mohnian Stage
2905	Moorpark	153	4	NC part of quad	no slide		strat column	middle and late Miocene Mohnian Stage
2906	Moorpark	153	5	NC part of quad	no slide		strat column	middle and late Miocene Mohnian Stage
2907	Moorpark	153	6	NC part of quad	no slide		strat column	middle and late Miocene Mohnian Stage
2908	Moorpark	153	7	NC part of quad	no slide		strat column	middle and late Miocene Mohnian Stage
2909	Moorpark	153	8	NC part of quad	no slide		strat column	middle and late Miocene Mohnian Stage
2910	Moorpark	153	9	NC part of quad	no slide		strat column	early Miocene Relizian Stage
2911	Moorpark	153	10	NC part of quad	no slide		strat column	early Miocene Relizian Stage
2912	Moorpark	153	11	NC part of quad	no slide		strat column	early Miocene Saucesian Stage
2913	Moorpark	153	12	NC part of quad	no slide		strat column	early Miocene Saucesian Stage
2914	Moorpark	153	13	NC part of quad	no slide		strat column	early Miocene Saucesian Stage
2915	Lillis Ranch	153	P54-1	SW corner of quad	no slide			Eocene
2916	Lillis Ranch	153	P54-2	SW corner of quad	no slide			Eocene
2917	Lillis Ranch	153	P54-3	SW corner of quad	no slide			Eocene
2918	Lillis Ranch	153	P54-4	SW corner of quad	no slide			Eocene
2919	Ciervo Mountain	154	P65	Cantua Creek	G-5	New Idria 15'	age from map	early Eocene D Zone
2920	Ciervo Mountain	154	P65-2	Cantua Creek	G-5	New Idria 15'	age from map	early Eocene D Zone
2921	Ciervo Mountain	154	P65-5	Cantua Creek	G-5	New Idria 15'	age from map	early Eocene D Zone
2922	Simi Valley West	154	1	NW part of quad	no slide	strat column		middle and late Miocene upper Mohnian Stage
2923	Simi Valley West	154	2	NW part of quad	no slide			middle and late Miocene upper Mohnian Stage
2924	Simi Valley West	154	3	NW part of quad	no slide			middle and late Miocene upper Mohnian Stage
2925	Simi Valley West	154	4	NW part of quad	no slide			middle and late Miocene upper Mohnian Stage
2926	Simi Valley West	154	5	NW part of quad	no slide			middle and late Miocene upper Mohnian Stage
2927	Simi Valley West	154	6	NW part of quad	no slide			middle and late Miocene upper Mohnian Stage
2928	Simi Valley West	154	7	NW part of quad	no slide			middle and late Miocene upper Mohnian Stage
2929	Simi Valley West	154	8	NW part of quad	no slide			middle and late Miocene lower Mohnian Stage
2930	Simi Valley West	154	9	NW part of quad	no slide			middle Miocene Luisian Stage
2931	Simi Valley West	154	10	NW part of quad	no slide			middle Miocene Luisian Stage
2932	Simi Valley West	154	11	NW part of quad	no slide			middle Miocene Luisian Stage
2933	Simi Valley West	154	12	NW part of quad	no slide			middle Miocene Luisian Stage
2934	Simi Valley West	154	13	NW part of quad	no slide			middle Miocene Luisian Stage
2935	Simi Valley West	154	14	NW part of quad	no slide			early Miocene Relizian Stage
2936	Simi Valley West	154	15	NW part of quad	no slide			early Miocene Saucesian Stage
2937	Simi Valley West	154	16	NW part of quad	no slide			early Miocene Saucesian Stage
2938	Simi Valley West	154	17	NW part of quad	no slide			early Miocene Saucesian Stage
2939	Simi Valley West	154	18	NW part of quad	no slide			early Miocene Saucesian Stage
2940	Simi Valley West	154	19	NW part of quad	no slide			early Miocene Saucesian Stage
2941	Simi Valley West	154	20	NW part of quad	no slide			early Miocene Saucesian Stage
2942	Ciervo Mountain	155	P77-4	E of Arroyo Hondo	D-12	New Idria 15'	and Weaver	Eocene
2943	Ciervo Mountain	155	P77-5	E of Arroyo Hondo	D-12	New Idria 15'		Eocene
2944	Moorpark	155	1	NW corner of quad	no slide			Pliocene
2945	Moorpark	155	2	NW corner of quad	no slide			Pliocene
2946	Moorpark	155	4	NW corner of quad	no slide			middle and late Miocene Mohnian Stage
2947	Moorpark	155	5	NW corner of quad	no slide			middle and late Miocene Mohnian Stage
2948	Moorpark	155	6	NW corner of quad	no slide			middle and late Miocene Mohnian Stage
2949	Moorpark	155	7	NW corner of quad	no slide			middle Miocene Luisian Stage
2950	Moorpark	155	8	NW corner of quad	no slide			middle Miocene Luisian Stage
2951	Moorpark	155	9	NW corner of quad	no slide			middle Miocene Luisian Stage
2952	Ciervo Mountain	156	P90-A	Arroyo Hondo	D-12	New Idria 15'		Eocene
2953	Ciervo Mountain	156	P90B1	Arroyo Hondo	D-12	New Idria 15'		Eocene
2954	Ciervo Mountain	156	P90B2	Arroyo Hondo	D-12	New Idria 15'		Eocene
2955	Ciervo Mountain	156	P90C2	Arroyo Hondo	D-12	New Idria 15'		Eocene
2956	Ciervo Mountain	156	CLGA1	Canoas	D-12	New Idria 15'		Eocene
2957	Ciervo Mountain	156	CLGA2	Canoas	D-12	New Idria 15'		Eocene
2958	Ciervo Mountain	156	CLGA3	Canoas	D-12	New Idria 15'		Eocene
2959	Ciervo Mountain	156	P90C	Arroyo Hondo	G-5	New Idria 15'		Eocene
2960	Ciervo Mountain	156	P90C1	Arroyo Hondo	G-5	New Idria 15'		Eocene

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
2961	Moorpark	156	1	NW corner of quad	no slide			middle Miocene Luisian Stage
2962	Moorpark	156	2	NW corner of quad	no slide			middle Miocene Luisian Stage
2963	Moorpark	156	7	NW corner of quad	no slide			possibly early Miocene Saucesian Stage
2964	Moorpark	156	8	NW corner of quad	no slide			possibly early Miocene Saucesian Stage
2965	Moorpark	156	9	NW corner of quad	no slide			possibly early Miocene Saucesian Stage
2966	Moorpark	156	10	NW corner of quad	no slide			possibly early Miocene Saucesian Stage
2967	Moorpark	156	11	NW corner of quad	no slide			possibly early Miocene Saucesian Stage
2968	Moorpark	156	12	NW corner of quad	no slide			possibly early Miocene Saucesian Stage
2969	Moorpark	156	13	NW corner of quad	no slide			possibly early Miocene Saucesian Stage
2970	Moorpark	156	14	NW corner of quad	no slide			possibly early Miocene Saucesian Stage
2971	Moorpark	156	15	NW corner of quad	no slide			possibly early Miocene Saucesian Stage
2972	Santa Paula	157	1	Los Nietos	no slide			middle and late Miocene Mohnian Stage
2973	Santa Paula	157	2	Los Nietos	no slide			middle and late Miocene Mohnian Stage
2974	Santa Paula	157	3	Los Nietos	no slide			middle and late Miocene Mohnian Stage
2975	Santa Paula	157	4	Los Nietos	no slide			middle and late Miocene Mohnian Stage
2976	Santa Paula	157	5	Los Nietos	no slide			middle and late Miocene Mohnian Stage
2977	Santa Paula	157	6	Los Nietos	no slide			middle and late Miocene Mohnian Stage
2978	Santa Paula	157	7	Los Nietos	no slide			middle and late Miocene Mohnian Stage
2979	Santa Paula	157	8	Los Nietos	no slide			middle and late Miocene Mohnian Stage
2980	Santa Paula	157	9	Los Nietos	no slide			middle and late Miocene Mohnian Stage
2981	Santa Paula	157	10	Los Nietos	no slide			middle and late Miocene Mohnian Stage
2982	Santa Paula	157	11	Los Nietos	no slide			middle and late Miocene Mohnian Stage
2983	Santa Paula	157	12	Los Nietos	no slide			middle and late Miocene Mohnian Stage
2984	Santa Paula	157	13	Los Nietos	no slide			middle and late Miocene Mohnian Stage
2985	Santa Paula	157	14	Los Nietos	no slide			middle and late Miocene Mohnian Stage
2986	Santa Paula	157	15	Los Nietos	no slide			middle and late Miocene Mohnian Stage
2987	Santa Paula	157	16	Los Nietos	no slide			middle Miocene Luisian Stage
2988	Santa Paula	157	17	Los Nietos	no slide			middle Miocene Luisian Stage
2989	Santa Paula	157	18	Los Nietos	no slide			middle Miocene Luisian Stage
2990	Tumey Hills	157	P135	NC part of quad	G-5			Eocene
2991	Tumey Hills	157	P135A	NC part of quad	G-5			Eocene
2992	Tumey Hills	157	P135B	NC part of quad	G-5			Eocene
2993	Tumey Hills	157	P135C	NC part of quad	G-5			Eocene
2994	Tumey Hills	157	P135D	NC part of quad	G-5			Eocene
2995	Tumey Hills	157	P136A	NC part of quad	no slide		age from map	Paleocene
2996	Tumey Hills	157	P136B	NC part of quad	no slide		age from map	Paleocene
2997	Canoga Park	158		Topanga Cyn Road	67-L	old Dry Canyon 24K		middle and late Miocene Mohnian Stage
2998	Santa Paula	158	2	center of quad	no slide			middle and late Miocene Mohnian Stage
2999	Santa Paula	158	3	center of quad	no slide			middle and late Miocene Mohnian Stage
3000	Santa Paula	158	4	center of quad	no slide			middle and late Miocene Mohnian Stage
3001	Santa Paula	158	5	center of quad	no slide			middle and late Miocene Mohnian Stage
3002	Santa Paula	158	6	center of quad	no slide			middle and late Miocene Mohnian Stage
3003	Santa Paula	158	7	center of quad	no slide			middle and late Miocene Mohnian Stage
3004	Santa Paula	158	8	center of quad	no slide			middle and late Miocene Mohnian Stage
3005	Santa Paula	158	9	center of quad	no slide			middle and late Miocene Mohnian Stage
3006	Santa Paula	158	10	center of quad	no slide			middle and late Miocene Mohnian Stage
3007	Santa Paula	158	11	center of quad	no slide			middle and late Miocene Mohnian Stage
3008	Santa Paula	158	12	center of quad	no slide			middle and late Miocene Mohnian Stage
3009	Santa Paula	158	13	center of quad	no slide			middle and late Miocene Mohnian Stage
3010	Santa Paula	158	14	center of quad	no slide			middle and late Miocene Mohnian Stage
3011	Santa Paula	158	16	center of quad	no slide			middle Miocene Luisian Stage
3012	Santa Paula	158	17	center of quad	no slide			middle Miocene Luisian Stage
3013	Santa Paula	158	18	center of quad	no slide			middle Miocene Luisian Stage
3014	Santa Paula	158	28	center of quad	no slide			early Miocene Saucesian Stage
3015	Santa Paula	158	29	center of quad	no slide			early Miocene Saucesian Stage
3016	Santa Paula	158	30	center of quad	no slide			early Miocene Saucesian Stage
3017	Santa Paula	158	31	center of quad	no slide			early Miocene Saucesian Stage
3018	Santa Paula	158	32	center of quad	no slide			early Miocene Saucesian Stage
3019	Santa Paula	158	33	center of quad	no slide			early Miocene Saucesian Stage
3020	Santa Paula	158	34	center of quad	no slide			early Miocene Saucesian Stage
3021	Santa Paula	158	35	center of quad	no slide			early Miocene Saucesian Stage
3022	Santa Paula	158	36	center of quad	no slide			early Miocene Saucesian Stage
3023	Santa Paula	158	37	center of quad	no slide			early Miocene Saucesian Stage
3024	Santa Paula	158	38	center of quad	no slide			early Miocene Saucesian Stage
3025	Santa Paula	158	39	center of quad	no slide			early Miocene Saucesian Stage
3026	Tumey Hills	158	P143-1	not on map	G-7			Eocene
3027	Tumey Hills	158	P143-3	not on map	G-7			Eocene
3028	Tumey Hills	158	P143-4	not on map	G-7			Eocene
3029	Santa Paula	160	1	EC part of quad	no slide		strat column	Pliocene
3030	Santa Paula	160	2	EC part of quad	no slide			Pliocene
3031	Santa Paula	160	3	EC part of quad	no slide			middle and late Miocene Mohnian Stage
3032	Santa Paula	160	4	EC part of quad	no slide			middle and late Miocene Mohnian Stage
3033	Santa Paula	160	5	EC part of quad	no slide			middle and late Miocene Mohnian Stage
3034	Santa Paula	160	6	EC part of quad	no slide			middle and late Miocene Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
3035	Santa Paula	160	7	EC part of quad	no slide			middle and late Miocene Mohnian Stage
3036	Santa Paula	160	8	EC part of quad	no slide			middle and late Miocene Mohnian Stage
3037	Santa Paula	160	9	EC part of quad	no slide			middle and late Miocene Mohnian Stage
3038	Santa Paula	160	10	EC part of quad	no slide			middle Miocene Luisian Stage
3039	Santa Paula	160	11	EC part of quad	no slide			middle Miocene Luisian Stage
3040	Santa Paula	160	12	EC part of quad	no slide			middle Miocene Luisian Stage
3041	Santa Paula	160	13	EC part of quad	no slide			middle Miocene Luisian Stage
3042	Santa Paula	160	14	EC part of quad	no slide			middle Miocene Luisian Stage
3043	Santa Paula	160	15	EC part of quad	no slide			early Miocene Saucesian Stage
3044	Santa Paula	160	16	EC part of quad	no slide			early Miocene Saucesian Stage
3045	Santa Paula	160	17	EC part of quad	no slide			early Miocene Saucesian Stage
3046	Tumey Hills	160	4	NC part of quad	D-14	P145 Coalinga		late Paleocene E zone
3047	Tumey Hills	160	7	NC part of quad	D-14	P145 Coalinga		late Paleocene E zone
3048	Tumey Hills	160	13	NC part of quad	D-14	P145 Coalinga		Eocene
3049	Tumey Hills	160	14	NC part of quad	D-14	P145 Coalinga		Eocene
3050	Tumey Hills	160	15	NC part of quad	D-14	P145 Coalinga		Eocene
3051	Simi Valley West	161	1	NW part of quad	no slide	strat column		Pliocene
3052	Simi Valley West	161	2	NW part of quad	no slide			middle and late Miocene Mohnian Stage
3053	Simi Valley West	161	3	NW part of quad	no slide			middle and late Miocene Mohnian Stage
3054	Simi Valley West	161	4	NW part of quad	no slide			middle and late Miocene lower Mohnian Stage
3055	Simi Valley West	161	5	NW part of quad	no slide			middle and late Miocene lower Mohnian Stage
3056	Simi Valley West	161	6	NW part of quad	no slide			middle and late Miocene lower Mohnian Stage
3057	Simi Valley West	161	7	NW part of quad	no slide			middle Miocene Luisian Stage
3058	Simi Valley West	161	8	NW part of quad	no slide			middle Miocene Luisian Stage
3059	Simi Valley West	161	9	NW part of quad	no slide			middle Miocene Luisian Stage
3060	Simi Valley West	161	10	NW part of quad	no slide			middle Miocene Luisian Stage
3061	Simi Valley West	161	11	NW part of quad	no slide			middle Miocene Luisian Stage
3062	Simi Valley West	161	12	NW part of quad	no slide			middle Miocene Luisian Stage
3063	Simi Valley West	161	13	NW part of quad	no slide			middle Miocene Luisian Stage
3064	Simi Valley West	161	14	NW part of quad	no slide			early Miocene Saucesian Stage
3065	Simi Valley West	161	15	NW part of quad	no slide			early Miocene Saucesian Stage
3066	Simi Valley West	161	16	NW part of quad	no slide			early Miocene Saucesian Stage
3067	Simi Valley West	161	17	NW part of quad	no slide			early Miocene Saucesian Stage
3068	Simi Valley West	161	18	NW part of quad	no slide			early Miocene Saucesian Stage
3069	Simi Valley West	161	19	NW part of quad	no slide			early Miocene Saucesian Stage
3070	Simi Valley West	161	20	NW part of quad	no slide			early Miocene Saucesian Stage
3071	Simi Valley West	161	21	NW part of quad	no slide			early Miocene Saucesian Stage
3072	Simi Valley West	161	22	NW part of quad	no slide			early Miocene Saucesian Stage
3073	Tumey Hills	161	P148A	EC part of quad	G-5			Eocene or Paleocene
3074	Tumey Hills	161	P148B	EC part of quad	G-5			Eocene or Paleocene
3075	Tumey Hills	161	P148C	EC part of quad	G-5			Eocene or Paleocene
3076	Tumey Hills	161	P148D	EC part of quad	G-5	planktics common		Eocene or Paleocene
3077	Tumey Hills	161	P148AB	EC part of quad	D-14			Eocene or Paleocene
3078	Simi Valley West	163	1	NC part of quad	no slide	strat column		Pliocene
3079	Simi Valley West	163	2	NC part of quad	no slide			middle and late Miocene lower Mohnian Stage
3080	Simi Valley West	163	7	NC part of quad	no slide			middle Miocene Luisian Stage
3081	Simi Valley West	163	8	NC part of quad	no slide			middle Miocene Luisian Stage
3082	Simi Valley West	163	9	NC part of quad	no slide			early Miocene Saucesian Stage
3083	Simi Valley West	163	10	NC part of quad	no slide			early Miocene Saucesian Stage
3084	Simi Valley West	163	11	NC part of quad	no slide			early Miocene Saucesian Stage
3085	Simi Valley West	163	12	NC part of quad	no slide			early Miocene Saucesian Stage
3086	Simi Valley West	163	13	NC part of quad	no slide			early Miocene Saucesian Stage
3087	Simi Valley West	163	14	NC part of quad	no slide			early Miocene Saucesian Stage
3088	Simi Valley West	163	15	NC part of quad	no slide			early Miocene Saucesian Stage
3089	Simi Valley West	163	16	NC part of quad	no slide			early Miocene Saucesian Stage
3090	Simi Valley West	163	17	NC part of quad	no slide			early Miocene Saucesian Stage
3091	Simi Valley West	163	18	NC part of quad	no slide			early Miocene Saucesian Stage
3092	Simi Valley West	163	19	NC part of quad	no slide			early Miocene Saucesian Stage
3093	Simi Valley West	163	20	NC part of quad	no slide			early Miocene Saucesian Stage
3094	Simi Valley West	163	21	NC part of quad	no slide			early Miocene Saucesian Stage
3095	Simi Valley West	163	22	NC part of quad	no slide			early Miocene Saucesian Stage
3096	Simi Valley West	163	23	NC part of quad	no slide			early Miocene Saucesian Stage
3097	Simi Valley West	163	24	NC part of quad	no slide			early Miocene Saucesian Stage
3098	Simi Valley West	163	25	NC part of quad	no slide			early Miocene Saucesian Stage
3099	Simi Valley West	163	26	NC part of quad	no slide			early Miocene Saucesian Stage
3100	Simi Valley West	163	27	NC part of quad	no slide			early Miocene Saucesian Stage
3101	Ciervo Mountain?	164	P174-1	not on map	G-5	New Idria 15'		Eocene
3102	Ciervo Mountain?	164	P174-2	not on map	G-5	New Idria 15'		Eocene
3103	Ciervo Mountain?	164	P174-3	not on map	G-5	New Idria 15'		Eocene
3104	Ciervo Mountain?	164	P174-4	not on map	G-5	New Idria 15'		Eocene
3105	Simi Valley West	164	2	NE corner of quad	G-4	strat column	old Simi quad	middle Miocene Luisian Stage
3106	Simi Valley West	164	3	NE corner of quad	G-4		old Simi quad	early or middle Miocene Relizian or Luisian Stage
3107	Simi Valley West	164	4	NE corner of quad	G-4		old Simi quad	early or middle Miocene Relizian or Luisian Stage
3108	Simi Valley West	165	1	NE corner of quad	no slide			middle Miocene Luisian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
3109	Simi Valley West	165	2	NE corner of quad	44-J		old Simi quad	early or middle Miocene Relizian or Luisian Stage
3110	Simi Valley West	165	6	NE corner of quad	44-J		old Simi quad	early Miocene Saucesian? Stage
3111	Simi Valley West	165	11	NE corner of quad	44-J		old Simi quad	early Miocene Saucesian? Stage
3112	Simi Valley West	166	1	NE corner of quad	no slide			middle Miocene Luisian Stage
3113	Simi Valley West	166	2	NE corner of quad	no slide			middle Miocene Luisian Stage
3114	Simi Valley West	166	3	NE corner of quad	no slide			middle Miocene Luisian Stage
3115	Simi Valley West	166	4	NE corner of quad	no slide			middle Miocene Luisian Stage
3116	Simi Valley West	166	5	NE corner of quad	no slide			middle Miocene Luisian Stage
3117	Simi Valley West	166	6	NE corner of quad	no slide			middle Miocene
3118	Simi Valley West	166	7	NE corner of quad	no slide			middle Miocene
3119	Simi Valley West	166	8	NE corner of quad	no slide			middle Miocene
3120	Simi Valley West	166	9	NE corner of quad	no slide			middle Miocene
3121	Simi Valley West	166	10	NE corner of quad	no slide			middle Miocene
3122	Simi Valley West	166	11	NE corner of quad	no slide			middle Miocene
3123	Simi Valley West	166	12	NE corner of quad	no slide			middle Miocene
3124	Simi Valley West	166	17	NE corner of quad	9-G			early or middle Miocene
3125	Simi Valley West	166	20	NE corner of quad	no slide			early Miocene Saucesian Stage
3126	Simi Valley West	166	21	NE corner of quad	no slide			early Miocene Saucesian Stage
3127	Simi Valley West	166	22	NE corner of quad	no slide			early Miocene Saucesian Stage
3128	Simi Valley West	166	23	NE corner of quad	no slide			early Miocene Saucesian Stage
3129	Simi Valley West	166	24	NE corner of quad	no slide			early Miocene Saucesian Stage
3130	Simi Valley West	166	25	NE corner of quad	no slide			early Miocene Saucesian Stage
3131	Simi Valley West	166	26	NE corner of quad	no slide			early Miocene Saucesian Stage
3132	Simi Valley West	166	27	NE corner of quad	no slide			early Miocene Saucesian Stage
3133	Simi Valley West	166	28	NE corner of quad	no slide			nonmarine
3134	Cobblestone Mountain	167	2	Lower Piru Ck	50-J	have foram check		Paleocene
3135	Cobblestone Mountain	167	3	Lower Piru Ck	50-J	list and strat		Paleocene
3136	Cobblestone Mountain	167	4	Lower Piru Ck	50-J	column. Also for		Paleocene
3137	Cobblestone Mountain	167	6	Lower Piru Ck	50-J	loc 343		Paleocene
3138	Cobblestone Mountain	167	7	Lower Piru Ck	50-J			Paleocene
3139	Cobblestone Mountain	167	8	Lower Piru Ck	50-J			Paleocene
3140	Cobblestone Mountain	167	9	Lower Piru Ck	50-J			Paleocene
3141	Cobblestone Mountain	167	10	Lower Piru Ck	50-J			Paleocene
3142	Cobblestone Mountain	167	11	Lower Piru Ck	50-J			Paleocene
3143	Cobblestone Mountain	167	12	Lower Piru Ck	50-J			Paleocene
3144	Cobblestone Mountain	167	13	Lower Piru Ck	50-J			Paleocene
3145	Cobblestone Mountain	167	14	Lower Piru Ck	50-J			Paleocene
3146	Cobblestone Mountain	167	15	Lower Piru Ck	50-J			Paleocene
3147	Cobblestone Mountain	167	16	Lower Piru Ck	50-J			Paleocene
3148	Cobblestone Mountain	167	17	Lower Piru Ck	50-J			Paleocene
3149	Cobblestone Mountain	167	18	Lower Piru Ck	50-J			Paleocene
3150	Cobblestone Mountain	167	19	Lower Piru Ck	50-J			Paleocene
3151	Cobblestone Mountain	167	20	Lower Piru Ck	50-J			Paleocene
3152	Cobblestone Mountain	167	21	Lower Piru Ck	50-J			Paleocene
3153	Cobblestone Mountain	167	22	Lower Piru Ck	50-J			Paleocene
3154	Cobblestone Mountain	167	23	Lower Piru Ck	50-J			Paleocene
3155	Cobblestone Mountain	167	24	Lower Piru Ck	50-J			Paleocene
3156	Cobblestone Mountain	167	25	Lower Piru Ck	50-J			Paleocene
3157	Cobblestone Mountain	167	26	Lower Piru Ck	50-J			Paleocene
3158	Cobblestone Mountain	167	27	Lower Piru Ck	50-J			Paleocene
3159	Cobblestone Mountain	167	28	Lower Piru Ck	50-J			Paleocene
3160	Cobblestone Mountain	167	29	Lower Piru Ck	50-J			Paleocene
3161	Cobblestone Mountain	167	30	Lower Piru Ck	50-J			Paleocene
3162	Cobblestone Mountain	167	31	Lower Piru Ck	50-J			Paleocene
3163	Cobblestone Mountain	167	32	Lower Piru Ck	50-J			Paleocene
3164	Cobblestone Mountain	167	33	Lower Piru Ck	50-J			Paleocene
3165	Cobblestone Mountain	167	34	Lower Piru Ck	50-J			Paleocene
3166	Cobblestone Mountain	167	35	Lower Piru Ck	50-J			Paleocene
3167	Cobblestone Mountain	167	36	Lower Piru Ck	50-J			Paleocene
3168	Cobblestone Mountain	167	37	Lower Piru Ck	50-J			Paleocene
3169	Cobblestone Mountain	167	38	Lower Piru Ck	50-J			Paleocene
3170	Cobblestone Mountain	167	39	Lower Piru Ck	50-J			Paleocene
3171	Cobblestone Mountain	167	49	Lower Piru Ck	50-J			Paleocene
3172	Cobblestone Mountain	167	41	Lower Piru Ck	50-J			Paleocene
3173	Cobblestone Mountain	167	42	Lower Piru Ck	50-J			Paleocene
3174	Cobblestone Mountain	167	43	Lower Piru Ck	50-J			Paleocene
3175	Cobblestone Mountain	167	44	Lower Piru Ck	50-J			Paleocene
3176	Cobblestone Mountain	167	45	Lower Piru Ck	50-J			Paleocene
3177	Cobblestone Mountain	167	46	Lower Piru Ck	50-J			Paleocene
3178	Cobblestone Mountain	167	47	Lower Piru Ck	50-J			Paleocene
3179	Cobblestone Mountain	167	48	Lower Piru Ck	50-J			Paleocene
3180	Cobblestone Mountain	167	49	Lower Piru Ck	50-J			Paleocene
3181	Cobblestone Mountain	167	50	Lower Piru Ck	50-J			Paleocene
3182	Cobblestone Mountain	167	51	Lower Piru Ck	50-K			Paleocene

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
3183	Cobblestone Mountain	167	52	Lower Piru Ck	50-K			Paleocene
3184	Cobblestone Mountain	167	53	Lower Piru Ck	50-K			Paleocene
3185	Cobblestone Mountain	167	54	Lower Piru Ck	50-K			Paleocene
3186	Cobblestone Mountain	167	55	Lower Piru Ck	50-K			Paleocene
3187	Cobblestone Mountain	167	56	Lower Piru Ck	50-K			Paleocene
3188	Cobblestone Mountain	167	57	Lower Piru Ck	50-K			Paleocene
3189	Cobblestone Mountain	167	58	Lower Piru Ck	50-K			Paleocene
3190	Cobblestone Mountain	167	59	Lower Piru Ck	50-K			Eocene
3191	Cobblestone Mountain	167	60	Lower Piru Ck	50-K			Eocene
3192	Cobblestone Mountain	167	61	Lower Piru Ck	50-K			Eocene
3193	Cobblestone Mountain	167	62	Lower Piru Ck	50-K			Eocene
3194	Cobblestone Mountain	167	63	Lower Piru Ck	50-K			Eocene
3195	Cobblestone Mountain	167	64	Lower Piru Ck	50-K			Eocene
3196	Cobblestone Mountain	167	65	Lower Piru Ck	50-K			Eocene
3197	Cobblestone Mountain	167	66	Lower Piru Ck	50-K			Eocene
3198	Cobblestone Mountain	167	69	Lower Piru Ck	50-K			Eocene
3199	Cobblestone Mountain	167	71	Lower Piru Ck	50-K			Eocene
3200	Cobblestone Mountain	167	72	Lower Piru Ck	50-K			Eocene
3201	Cobblestone Mountain	167	73	Lower Piru Ck	50-K			Eocene
3202	Cobblestone Mountain	167	74	Lower Piru Ck	50-K			Eocene
3203	Cobblestone Mountain	167	75	Lower Piru Ck	50-K			Eocene
3204	Cobblestone Mountain	167	76	Lower Piru Ck	50-K			Eocene
3205	Cobblestone Mountain	167	77	Lower Piru Ck	50-K			Eocene
3206	Cobblestone Mountain	167	78	Lower Piru Ck	50-K			Eocene
3207	Cobblestone Mountain	167	81	Lower Piru Ck	50-K			Eocene
3208	Cobblestone Mountain	167	82	Lower Piru Ck	50-K			Eocene
3209	Cobblestone Mountain	167	83	Lower Piru Ck	50-K			Eocene
3210	Cobblestone Mountain	167	84	Lower Piru Ck	50-K			Eocene
3211	Cobblestone Mountain	167	85	Lower Piru Ck	50-K			Eocene
3212	Cobblestone Mountain	167	86	Lower Piru Ck	50-K			Eocene
3213	Denverton	167		not on map	no slide	Potrero Hills	strat column	Eocene
3214	Merritt or Winters	168	34	no map provided	B-11	Putah Creek	8N/1E	Late Cretaceous
3215	Merritt or Winters	168	49	no map provided	B-11	Putah Creek	8N/1E	Late Cretaceous G-1 Zone
3216	Merritt or Winters	168	155	no map provided	B-12	Putah Creek	8N/1E	Late Cretaceous
3217	Merritt or Winters	168	163	no map provided	B-12	Putah Creek	8N/1E	Late Cretaceous G-1 Zone
3218	Merritt or Winters	168	166	no map provided	B-12	Putah Creek	8N/1E	Late Cretaceous G-1 Zone
3219	Sawmill Mountain	168	1	SE corner of quad	no slide			Eocene
3220	Sawmill Mountain	168	2	SE corner of quad	no slide			Eocene
3221	Sawmill Mountain	168	3	SE corner of quad	no slide		Turritella	Eocene
3222	Sawmill Mountain	168	4	SE corner of quad	no slide			Eocene
3223	Sawmill Mountain	168	5	SE corner of quad	no slide			Eocene
3224	Sawmill Mountain	168	6	SE corner of quad	no slide			Eocene
3225	Sawmill Mountain	168	7	SE corner of quad	no slide			Eocene
3226	Sawmill Mountain	168	8	SE corner of quad	no slide			Eocene
3227	Sawmill Mountain	168	9	SE corner of quad	no slide			Eocene
3228	Sawmill Mountain	168	10	SE corner of quad	no slide			Eocene
3229	Antioch South	169	10	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh	middle Eocene A-1 Zone
3230	Antioch South	169	11	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh	middle Eocene A-1 Zone
3231	Antioch South	169	12	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh	middle Eocene A-1 Zone
3232	Antioch South	169	13	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh	middle Eocene A-1 Zone
3233	Antioch South	169	15	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh	middle Eocene A-1 Zone
3234	Antioch South	169	16	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh	middle Eocene A-1 Zone
3235	Antioch South	169	19	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh	middle Eocene Narizian Stage
3236	Antioch South	169	50	center of quad	E-5	Mt Diablo 15'		Eocene
3237	Antioch South	169	52	center of quad	E-5	Mt Diablo 15'		Eocene
3238	Antioch South	169	53	center of quad	E-5	Mt Diablo 15'		Eocene
3239	Antioch South	169	54	center of quad	E-5	Mt Diablo 15'		Eocene
3240	Antioch South	169	55	center of quad	E-5	Mt Diablo 15'		Eocene
3241	Antioch South	169	56	center of quad	E-5	Mt Diablo 15'		Eocene
3242	Antioch South	169	57	center of quad	E-5	Mt Diablo 15'		Eocene
3243	Antioch South	169	58	center of quad	E-5	Mt Diablo 15'		Eocene
3244	Antioch South	169	67	EC part of quad	E-6	Mt Diablo 15'	Meganos E	Eocene
3245	Antioch South	169	71	SE part of quad	E-6	Mt Diablo 15'		Cretaceous arenaceous foraminifers
3246	Antioch South	169	72	SE part of quad	E-6	Mt Diablo 15'		Cretaceous arenaceous foraminifers
3247	Antioch South	169	73	SE part of quad	E-6	Mt Diablo 15'		Cretaceous arenaceous foraminifers
3248	Antioch South	169	74	SE part of quad	E-6	Mt Diablo 15'		Cretaceous arenaceous foraminifers
3249	Antioch South	169	75	SE part of quad	E-6	Mt Diablo 15'		Cretaceous arenaceous foraminifers
3250	Antioch South	169	76	SE part of quad	E-6	Mt Diablo 15'		Cretaceous arenaceous foraminifers
3251	Antioch South	169	77	SE part of quad	E-6	Mt Diablo 15'		Cretaceous arenaceous foraminifers
3252	Antioch South	169	78	SE part of quad	E-6	Mt Diablo 15'		Cretaceous arenaceous foraminifers
3253	Brentwood	169	79	Dry Creek	E-6	Mt Diablo 15'		Cretaceous arenaceous foraminifers
3254	Clayton	169	80	Camino Diablo	no slide	Mt Diablo 15'		Eocene
3255	Clayton	169	22	EC part of quad	E-5	Mt Diablo 15'	Domengine	Eocene
3256	Clayton	169	23	EC part of quad	E-5	Mt Diablo 15'	Nortonville	Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
3257	Clayton	169	33	EC part of quad	E-5	Mt Diablo 15'		Eocene
3258	Clayton	169	35	EC part of quad	E-5	Mt Diablo 15'		Eocene
3259	Clayton	169	36	EC part of quad	E-5	Mt Diablo 15'		Eocene
3260	Clayton	169	37	EC part of quad	E-5	Mt Diablo 15'		Eocene
3261	Clayton	169	38	EC part of quad	E-5	Mt Diablo 15'		Eocene
3262	Clayton	169	39	EC part of quad	E-5	Mt Diablo 15'		Eocene
3263	Clayton	169	40	EC part of quad	E-5	Mt Diablo 15'		Late Cretaceous F-1 Zone
3264	Clayton	169	42	EC part of quad	E-5	Mt Diablo 15'		Eocene
3265	Clayton	169	44	EC part of quad	E-5	Mt Diablo 15'		Eocene
3266	Clayton	169	45	EC part of quad	E-5	Mt Diablo 15'		Eocene
3267	Lockwood Valley	169	4	upper Piru Ck	50-L	strat column and	check list	Paleocene or Eocene
3268	Lockwood Valley	169	5	upper Piru Ck	50-L	strat column and	check list	Paleocene or Eocene
3269	Lockwood Valley	169	6	upper Piru Ck	50-L	strat column and	check list	Paleocene or Eocene
3270	Lockwood Valley	169	7	upper Piru Ck	50-L	strat column and	check list	Paleocene or Eocene
3271	Lockwood Valley	169	8	upper Piru Ck	50-L	strat column and	check list	Paleocene or Eocene
3272	Lockwood Valley	169	12	upper Piru Ck	50-L	strat column and	check list	Paleocene or Eocene
3273	Lockwood Valley	169	13	upper Piru Ck	50-M	strat column and	check list	Paleocene or Eocene
3274	Lockwood Valley	169	14	upper Piru Ck	50-M	strat column and	check list	Paleocene or Eocene
3275	Lockwood Valley	169	15	upper Piru Ck	50-M	strat column and	check list	Paleocene or Eocene
3276	Lockwood Valley	169	16	upper Piru Ck	50-M	strat column and	check list	Paleocene or Eocene
3277	Lockwood Valley	169	17	upper Piru Ck	50-M	strat column and	check list	Paleocene or Eocene
3278	Lockwood Valley	169	18	upper Piru Ck	50-M	strat column and	check list	Paleocene or Eocene
3279	Lockwood Valley	169	19	upper Piru Ck	50-M	strat column and	check list	Paleocene or Eocene
3280	Lockwood Valley	169	22	upper Piru Ck	50-M	strat column and	check list	early Eocene
3281	Lockwood Valley	169	23	upper Piru Ck	50-M	strat column and	check list	early Eocene
3282	Lockwood Valley	169	26	upper Piru Ck	50-M	strat column and	check list	early Eocene
3283	Lockwood Valley	169	28	upper Piru Ck	50-L	strat column and	check list	early Eocene
3284	Lockwood Valley	169	29	upper Piru Ck	50-L	strat column and	check list	early Eocene
3285	Lockwood Valley	169	30	upper Piru Ck	50-L	strat column and	check list	early Eocene
3286	Lockwood Valley	169	37	upper Piru Ck	50-M	strat column and	check list	early Eocene
3287	Lockwood Valley	169	38	upper Piru Ck	50-M	strat column and	check list	early Eocene
3288	Lockwood Valley	169	39	upper Piru Ck	50-M	strat column and	check list	early Eocene
3289	Lockwood Valley	169	40	upper Piru Ck	50-M	strat column and	check list	early Eocene
3290	Lockwood Valley	169	41	upper Piru Ck	50-M	strat column and	check list	early Eocene
3291	Lockwood Valley	169	42	upper Piru Ck	50-M	strat column and	check list	early Eocene
3292	Lockwood Valley	169	43	upper Piru Ck	50-M	strat column and	check list	early Eocene
3293	Lockwood Valley	169	59	upper Piru Ck	50-M	strat column and	check list	early Eocene
3294	San Guillermo Mtn	169	91	SE part of quad	50-L	strat column		Eocene
3295	San Guillermo Mtn	170	4	Wagon Rd Canyon	50-K	strat column		no ages given but possibly Eocene
3296	San Guillermo Mtn	170	8	Wagon Rd Canyon	50-K	locality not on map		no ages given but possibly Eocene
3297	San Guillermo Mtn	170	9	Wagon Rd Canyon	50-K	but has locality		no ages given but possibly Eocene
3298	San Guillermo Mtn	170	10	Wagon Rd Canyon	50-K	data on strat col.		no ages given but possibly Eocene
3299	San Guillermo Mtn	170	15	Wagon Rd Canyon	50-K			no ages given but possibly Eocene
3300	San Guillermo Mtn	170	18	Wagon Rd Canyon	50-K			no ages given but possibly Eocene
3301	San Guillermo Mtn	170	21	Wagon Rd Canyon	50-K			no ages given but possibly Eocene
3302	San Guillermo Mtn	170	24	Wagon Rd Canyon	50-K			no ages given but possibly Eocene
3303	San Guillermo Mtn	170	27	Wagon Rd Canyon	50-K			no ages given but possibly Eocene
3304	San Guillermo Mtn	170	31	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3305	San Guillermo Mtn	170	38	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3306	San Guillermo Mtn	170	43	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3307	San Guillermo Mtn	170	45	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3308	San Guillermo Mtn	170	46	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3309	San Guillermo Mtn	170	47	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3310	San Guillermo Mtn	170	48	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3311	San Guillermo Mtn	170	49	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3312	San Guillermo Mtn	170	53	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3313	San Guillermo Mtn	170	59	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3314	San Guillermo Mtn	170	80	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3315	San Guillermo Mtn	170	93	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3316	San Guillermo Mtn	170	94	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3317	San Guillermo Mtn	170	106	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3318	San Guillermo Mtn	170	112	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3319	San Guillermo Mtn	170	113	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3320	San Guillermo Mtn	170	114	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3321	San Guillermo Mtn	170	120	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3322	San Guillermo Mtn	170	122	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3323	San Guillermo Mtn	170	123	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3324	San Guillermo Mtn	170	124	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3325	San Guillermo Mtn	170	133	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3326	San Guillermo Mtn	170	134	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3327	San Guillermo Mtn	170	135	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3328	San Guillermo Mtn	170	136	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3329	San Guillermo Mtn	170	145	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3330	San Guillermo Mtn	170	148	Wagon Rd Canyon	50-L			no ages given but possibly Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
3331	San Guillermo Mtn	170	149	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3332	San Guillermo Mtn	170	182	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3333	San Guillermo Mtn	170	183	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3334	San Guillermo Mtn	170	184	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3335	San Guillermo Mtn	170	185	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3336	San Guillermo Mtn	170	186	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3337	San Guillermo Mtn	170	187	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3338	San Guillermo Mtn	170	189	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3339	San Guillermo Mtn	170	190	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3340	San Guillermo Mtn	170	191	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3341	San Guillermo Mtn	170	196	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3342	San Guillermo Mtn	170	201	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3343	San Guillermo Mtn	170	215	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3344	San Guillermo Mtn	170	216	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3345	San Guillermo Mtn	170	217	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3346	San Guillermo Mtn	170	218	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3347	San Guillermo Mtn	170	219	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3348	San Guillermo Mtn	170	221	Wagon Rd Canyon	50-L			no ages given but possibly Eocene
3349	Oat Mountain	170	15	not on map	I-2			Late Cretaceous or Paleocene
3350	Oat Mountain	170	24	not on map	I-2			late Miocene?
3351	Ventura	171	1	WC part of quad	I-1	Age from Weaver	Llagas Fm	early Eocene
3352	Ventura	171	2	WC part of quad	I-1	Age from Weaver	Llagas Fm	early Eocene
3353	Ventura	171	3	WC part of quad	I-1	Age from Weaver	Llagas Fm	early Eocene
3354	Ventura	171	4	WC part of quad	I-1	Age from Weaver	Llagas Fm	early Eocene
3355	Ventura	171	5	WC part of quad	I-1	Age from Weaver	Llagas Fm	early Eocene
3356	Ventura	171	6	WC part of quad	I-1	Age from Weaver	Llagas Fm	early Eocene
3357	Ventura	171	7	WC part of quad	I-1	Age from Weaver	Llagas Fm	early Eocene
3358	Ventura	171	8	WC part of quad	I-1	Age from Weaver	Llagas Fm	early Eocene
3359	Ventura	171	9	WC part of quad	I-1	Age from Weaver	Llagas Fm	early Eocene
3360	Ventura	171	10	WC part of quad	I-1	Age from Weaver	Llagas Fm	early Eocene
3361	Ventura	171	11	WC part of quad	I-1	Age from Weaver	Llagas Fm	early Eocene
3362	Ventura	171	12	WC part of quad	I-1	Age from Weaver	Llagas Fm	early Eocene
3363	Ventura	171	13	WC part of quad	I-1	Age from Weaver	Llagas Fm	early Eocene
3364	Ventura	171	14	WC part of quad	I-1	Age from Weaver	Llagas Fm	early Eocene
3365	Ventura	171	15	WC part of quad	I-1	Age from Weaver	Llagas Fm	early Eocene
3366	Ventura	171	16	WC part of quad	I-1	Age from Weaver	Llagas Fm	early Eocene
3367	Rumsey	174	1	Salt Creek	150-J	Guinda 15'	strat column	Late Cretaceous G-1 Zone
3368	Rumsey	174	2	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous G-1 Zone
3369	Rumsey	174	3	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous G-1 Zone
3370	Rumsey	174	4	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous G-1 Zone
3371	Rumsey	174	5	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous G-1 Zone
3372	Rumsey	174	6	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous G-1 Zone
3373	Rumsey	174	7	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous G-1 Zone
3374	Rumsey	174	8RW	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous G-1 Zone
3375	Rumsey	174	9	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous G-1 Zone
3376	Rumsey	174	10	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous G-1 Zone
3377	Rumsey	174	11	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous G-1 Zone
3378	Rumsey	174	13	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous G-1 Zone
3379	Rumsey	174	14	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous G-1 Zone
3380	Rumsey	174	15	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-2 Zone
3381	Rumsey	174	16	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-2 Zone
3382	Rumsey	174	17	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-2 Zone
3383	Rumsey	174	18	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-2 Zone
3384	Rumsey	174	19	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-2 Zone
3385	Rumsey	174	20	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-2 Zone
3386	Rumsey	174	21	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-2 Zone
3387	Rumsey	174	22	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-2 Zone
3388	Rumsey	174	23	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-2 Zone
3389	Rumsey	174	24	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-2 Zone
3390	Rumsey	174	25	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-1 Zone
3391	Rumsey	174	26	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-1 Zone
3392	Rumsey	174	27	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-1 Zone
3393	Rumsey	174	28	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-1 Zone
3394	Rumsey	174	29	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-1 Zone
3395	Rumsey	174	30	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-1 Zone
3396	Rumsey	174	31	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-1 Zone
3397	Rumsey	174	32	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-1 Zone
3398	Rumsey	174	33	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-1 Zone
3399	Rumsey	174	34	Salt Creek	150-J	type Forbes	strat column	Late Cretaceous F-1 Zone
3400	Rumsey	175	1	Guinda 15'	150-I	Petroleum Ck	strat column	Late Cretaceous G-1 Zone
3401	Rumsey	175	3	Guinda 15'	150-I	Petroleum Ck	strat column	Late Cretaceous G-1 Zone
3402	Rumsey	175	5	Guinda 15'	150-I	Petroleum Ck	strat column	Late Cretaceous G-1 Zone
3403	Rumsey	175	6	Guinda 15'	150-I	Petroleum Ck	strat column	Late Cretaceous G-1 Zone
3404	Rumsey	175	7	Guinda 15'	150-I	Petroleum Ck	strat column	Late Cretaceous F-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
3405	Rumsey	175	8	Guinda 15'	150-I	Petroleum Ck	strat column	Late Cretaceous F-2 Zone
3406	Rumsey	175	9	Guinda 15'	150-I	Petroleum Ck	strat column	Late Cretaceous F-1? Zone
3407	Rumsey	175	10	Guinda 15'	150-I	Petroleum Ck	strat column	Late Cretaceous F-1? Zone
3408	Rumsey	175	11	Guinda 15'	150-I	Petroleum Ck	strat column	Late Cretaceous F-1? Zone
3409	Rumsey	175	12	Guinda 15'	150-J	Petroleum Ck	strat column	Late Cretaceous F-1? Zone
3410	Rumsey	175	13	Guinda 15'	150-J	Petroleum Ck	strat column	Late Cretaceous F-1? Zone
3411	Rumsey	175	14	Guinda 15'	150-J	Petroleum Ck	strat column	Late Cretaceous F-1? Zone
3412	Rumsey	175	16	Guinda 15'	150-J	Petroleum Ck	strat column	Late Cretaceous F-1? Zone
3413	Rumsey	175	17	Guinda 15'	150-J	Petroleum Ck	strat column	Late Cretaceous F-1? Zone
3414	Rumsey	175	18	Guinda 15'	150-J	Petroleum Ck	strat column	Late Cretaceous F-1? Zone
3415	Rumsey	175	19	Guinda 15'	150-J	Petroleum Ck	strat column	Late Cretaceous F-1? Zone
3416	Rumsey	175	29	Guinda 15'	150-J	Petroleum Ck	strat column	Late Cretaceous F-1? Zone
3417	Rumsey	175	21	Guinda 15'	150-J	Petroleum Ck	strat column	Late Cretaceous F-1? Zone
3418	Rumsey	175	22	Guinda 15'	150-J	Petroleum Ck	strat column	Late Cretaceous F-1? Zone
3419	Rumsey	175	23	Guinda 15'	150-J	Petroleum Ck	strat column	Late Cretaceous F-1? Zone
3420	Rumsey	175	24	Guinda 15'	150-J	Petroleum Ck	strat column	Late Cretaceous F-1? Zone
3421	Rumsey	175	25	Guinda 15'	150-J	Petroleum Ck	strat column	Late Cretaceous F-1? Zone
3422	Rumsey	175	26	Guinda 15'	150-J	Petroleum Ck	strat column	Late Cretaceous F-1? Zone
3423	Rumsey	175	27	Guinda 15'	150-J	Petroleum Ck	strat column	Late Cretaceous F-1? Zone
3424	Rumsey	175	28	Guinda 15'	150-J	Petroleum Ck	strat column	Late Cretaceous F-1? Zone
3425	Ventura	176	1	Weldon Canyon	no slide			late Miocene and Pliocene
3426	Ventura	176	2	Weldon Canyon	no slide			late Miocene and Pliocene
3427	Ventura	176	3	Weldon Canyon	no slide			late Miocene and Pliocene
3428	Ventura	176	4	Weldon Canyon	no slide			late Miocene and Pliocene
3429	Walnut Creek	176	83	Muir Station	E-6			middle Eocene
3430	Walnut Creek	176	84	Muir Station	E-6			middle Eocene
3431	Walnut Creek	176	85	Muir Station	E-6			middle Eocene
3432	Walnut Creek	176	86	Muir Station	E-6			middle Eocene
3433	Walnut Creek	176	87	Muir Station	E-2			middle Eocene
3434	Walnut Creek	176	88	Muir Station	E-6			middle Eocene
3435	Walnut Creek	176	89	Muir Station	E-6			middle Eocene
3436	Walnut Creek	176	90	Muir Station	E-6			middle Eocene
3437	Walnut Creek	176	91	Muir Station	E-6			middle Eocene
3438	Walnut Creek	176	92	Muir Station	E-6			middle Eocene
3439	Walnut Creek	176	93	Muir Station	E-6			middle Eocene
3440	Walnut Creek	176	94	Muir Station	E-6			middle Eocene
3441	Walnut Creek	176	95	Muir Station	E-7			middle Eocene
3442	Walnut Creek	176	96	Muir Station	E-7			middle Eocene
3443	Walnut Creek	176	97	Muir Station	E-7			middle Eocene
3444	Walnut Creek	176	98	Muir Station	E-7			middle Eocene
3445	Walnut Creek	176	99	Muir Station	E-7			middle Eocene
3446	Walnut Creek	176	100	Muir Station	E-7			middle Eocene
3447	Walnut Creek	176	101	Muir Station	E-7			middle Eocene
3448	Walnut Creek	176	102	Muir Station	E-7			middle Eocene
3449	Walnut Creek	176	103	Muir Station	E-7			middle Eocene
3450	Walnut Creek	176	104	Muir Station	E-6			middle Eocene A-2 Zone
3451	Walnut Creek	176	105	Muir Station	E-6			middle Eocene A-2 Zone
3452	Walnut Creek	176	106	Muir Station	E-6			middle Eocene A-2 Zone
3453	Walnut Creek	176	107	Muir Station	E-6			middle Eocene A-2 Zone
3454	Walnut Creek	176	108	Muir Station	E-6			middle Eocene A-2 Zone
3455	Walnut Creek	176	109	Muir Station	E-6			middle Eocene A-2 Zone
3456	Walnut Creek	176	110	Muir Station	E-6			middle Eocene A-2 Zone
3457	Walnut Creek	176	111	Muir Station	E-6			middle Eocene A-2 Zone
3458	Walnut Creek	176	112	Muir Station	E-6			middle Eocene A-2 Zone
3459	Walnut Creek	176	113	Muir Station	E-6			middle Eocene A-2 Zone
3460	Walnut Creek	176	114	Muir Station	E-6			middle Eocene A-2 Zone
3461	Walnut Creek	176	115	Muir Station	E-6			middle Eocene A-2 Zone
3462	Walnut Creek	176	116	Muir Station	E-6			middle Eocene A-2 Zone
3463	Walnut Creek	176	117	Muir Station	E-6			middle Eocene A-2 Zone
3464	Walnut Creek	176	118	Muir Station	E-6			middle Eocene A-2 Zone
3465	Walnut Creek	176	119	Muir Station	E-6			middle Eocene A-1 Zone
3466	Walnut Creek	176	120	Muir Station	E-6			middle Eocene A-2 Zone
3467	Walnut Creek	176	127	Muir Station	E-2			middle Eocene A-2 Zone
3468	Walnut Creek	176	83RW	Muir Station	E-2	rewashed samples		Eocene
3469	Walnut Creek	176	87RW	Muir Station	E-2	rewashed samples		Eocene
3470	Walnut Creek	176	124RW	Muir Station	E-2	rewashed samples		Eocene
3471	Walnut Creek	176	125RW	Muir Station	E-2	rewashed samples		Eocene
3472	Walnut Creek	176	126RW	Muir Station	E-2	rewashed samples		Eocene
3473	Walnut Creek	176	127RW	Muir Station	E-2	rewashed samples		Eocene
3474	Walnut Creek	176	127BRW	Muir Station	E-2	rewashed samples		Eocene
3475	Walnut Creek	176	128RW	Muir Station	E-2	rewashed samples		Eocene
3476	Guinda	178	2	Guinda	150-F	Dunnigan Creek	strat column	Late Cretaceous
3477	Guinda	178	3	Guinda	150-F	Dunnigan Creek	strat column	Late Cretaceous
3478	Guinda	178	4	Guinda	150-F	Dunnigan Creek	strat column	Late Cretaceous

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
3479	Guinda	178	5	Guinda	150-F	Dunnigan Creek	strat column	Late Cretaceous
3480	Guinda	178	6	Guinda	150-F	Dunnigan Creek	strat column	Late Cretaceous
3481	Guinda	178	7	Guinda	150-F	Dunnigan Creek	strat column	Late Cretaceous
3482	Guinda	178	9	Guinda	150-F	Dunnigan Creek	strat column	Late Cretaceous
3483	Guinda	178	10	Guinda	150-F	Dunnigan Creek	strat column	Late Cretaceous
3484	Guinda	178	11	Guinda	150-F	Dunnigan Creek	strat column	Late Cretaceous
3485	Guinda	178	12	Guinda	150-F	Dunnigan Creek	strat column	Late Cretaceous
3486	Guinda	178	14	Guinda	150-F	Dunnigan Creek	strat column	Late Cretaceous
3487	Guinda	178	15	Guinda	150-F	Dunnigan Creek	strat column	Late Cretaceous
3488	Guinda	178	16	Guinda	150-F	Dunnigan Creek	strat column	Late Cretaceous F-2 Zone
3489	Guinda	178	17	Guinda	150-F	Dunnigan Creek	strat column	Late Cretaceous
3490	Tumey Hills	179	9-3 etc	Silver Creek area	H-12	type Lodo area	strat column	Late Cretaceous arenaceous foraminifers
3491	Tumey Hills	179	4	Silver Creek area	H-12	see also Loc 482	strat column	Late Cretaceous arenaceous foraminifers
3492	Tumey Hills	179	5	Silver Creek area	H-12	type Lodo area	strat column	Late Cretaceous arenaceous foraminifers
3493	Tumey Hills	179	6	Silver Creek area	H-12	type Lodo area	strat column	Late Cretaceous arenaceous foraminifers
3494	Tumey Hills	179	8	Silver Creek area	H-12	type Lodo area	strat column	Late Cretaceous arenaceous foraminifers
3495	Tumey Hills	179	9	Silver Creek area	H-12	type Lodo area	strat column	Late Cretaceous arenaceous foraminifers
3496	Tumey Hills	179	10	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene
3497	Tumey Hills	179	11	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene
3498	Tumey Hills	179	12	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene
3499	Tumey Hills	179	13	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene
3500	Tumey Hills	179	14A	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene
3501	Tumey Hills	179	14B	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene
3502	Tumey Hills	179	15	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene
3503	Tumey Hills	179	16	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene
3504	Tumey Hills	179	17	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene
3505	Tumey Hills	179	18	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene
3506	Tumey Hills	179	19	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene
3507	Tumey Hills	179	20	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene
3508	Tumey Hills	179	22	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene
3509	Tumey Hills	179	23	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene
3510	Tumey Hills	179	24	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene
3511	Tumey Hills	179	25	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene
3512	Tumey Hills	179	26	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene
3513	Tumey Hills	179	27	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene
3514	Tumey Hills	179	28	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene
3515	Tumey Hills	179	29	Silver Creek area	H-12	type Lodo area	strat column	Eocene
3516	Tumey Hills	179	30	Silver Creek area	H-12	type Lodo area	strat column	Eocene
3517	Tumey Hills	179	9-31etc	Silver Creek area	H-12	type Lodo area	strat column	Eocene
3518	Tumey Hills	179	32	Silver Creek area	H-12	type Lodo area	strat column	Eocene
3519	Tumey Hills	179	35	Silver Creek area	H-13	type Lodo area	strat column	Eocene
3520	Tumey Hills	179	36	Silver Creek area	H-13	type Lodo area	strat column	Eocene
3521	Tumey Hills	179	37	Silver Creek area	H-13	type Lodo area	strat column	Eocene
3522	Tumey Hills	179	38	Silver Creek area	H-13	type Lodo area	strat column	Eocene
3523	Tumey Hills	179	39	Silver Creek area	H-13	type Lodo area	strat column	Eocene
3524	Tumey Hills	179	40	Silver Creek area	H-13	type Lodo area	strat column	Eocene
3525	Tumey Hills	179	41	Silver Creek area	H-13	type Lodo area	strat column	Eocene
3526	Tumey Hills	179	42	Silver Creek area	H-13	type Lodo area	strat column	Eocene
3527	Tumey Hills	179	43	Silver Creek area	H-13	type Lodo area	strat column	Eocene
3528	Tumey Hills	179	44	Silver Creek area	H-13	type Lodo area	strat column	Eocene
3529	Tumey Hills	179	45	Silver Creek area	H-13	type Lodo area	strat column	Eocene
3530	Tumey Hills	179	46	Silver Creek area	H-13	type Lodo area	strat column	Eocene
3531	Tumey Hills	179	47	Silver Creek area	H-13	type Lodo area	strat column	Eocene
3532	Tumey Hills	179	48	Silver Creek area	H-13	type Lodo area	strat column	Eocene
3533	Tumey Hills	179	49	Silver Creek area	H-13	type Lodo area	strat column	Eocene
3534	Tumey Hills	179	50	Silver Creek area	H-13	type Lodo area	strat column	Eocene
3535	Tumey Hills	179	51	Silver Creek area	H-13	type Lodo area	strat column	Eocene
3536	Tumey Hills	179	52	Silver Creek area	H-13	type Lodo area	strat column	Eocene
3537	Tumey Hills	179	53	Silver Creek area	H-13	type Lodo area	strat column	Eocene
3538	Tumey Hills	179	56	Silver Creek area	H-13	type Lodo area	strat column	Cretaceous
3539	Tumey Hills	179	57	Silver Creek area	H-13	type Lodo area	strat column	Cretaceous
3540	Tumey Hills	179	58	Silver Creek area	H-13	type Lodo area	strat column	Paleocene
3541	Tumey Hills	179	59	Silver Creek area	H-13	type Lodo area	strat column	Paleocene
3542	Tumey Hills	179	60	Silver Creek area	H-13	type Lodo area	strat column	Paleocene
3543	Tumey Hills	179	61	Silver Creek area	H-13	type Lodo area	strat column	Paleocene
3544	Tumey Hills	179	65	Silver Creek area	H-13	type Lodo area	strat column	Paleocene
3545	Tumey Hills	179	66	Silver Creek area	H-13	type Lodo area	strat column	Paleocene
3546	Clayton	180	205	Nortonville site	E-13	Not on map but	Nortonville sh	Eocene
3547	Clayton	180	206	Nortonville site	E-13	strat column	Nortonville sh	Eocene
3548	Clayton	180	207	Nortonville site	E-13	indicates	Nortonville sh	Eocene
3549	Clayton	180	208	Nortonville site	E-13	localities are in	Nortonville sh	Eocene
3550	Clayton	180	209	Nortonville site	E-13	5/T1N, R1E	Nortonville sh	Eocene
3551	Clayton	180	210	Nortonville site	E-13		Nortonville sh	Eocene
3552	Clayton	180	211	Nortonville site	E-13		Nortonville sh	Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
3553	Clayton	180	212	Nortonville site	E-13		Nortonville sh	Eocene
3554	Clayton	180	213	Nortonville site	E-13		Nortonville sh	Eocene
3555	Clayton	180	214	Nortonville site	E-13		Nortonville sh	Eocene
3556	Clayton	180	215	Nortonville site	E-13		Nortonville sh	Eocene
3557	Clayton	180	216	Nortonville site	E-13		Nortonville sh	Eocene
3558	Clayton	180	217	Nortonville site	E-13		Nortonville sh	Eocene
3559	Clayton	180	218	Nortonville site	E-13		Nortonville sh	Eocene
3560	Clayton	180	256	Nortonville site	E-13		Nortonville sh	Eocene
3561	Clayton	180	257	Nortonville site	E-13		Nortonville sh	Eocene
3562	Clayton	180	258	Nortonville site	E-13		Nortonville sh	Eocene
3563	Clayton	180	259	Nortonville site	E-13		Nortonville sh	Eocene
3564	Clayton	180	260	Nortonville site	E-13		Nortonville sh	Eocene
3565	Clayton	180	261	Nortonville site	E-13		Nortonville sh	Eocene
3566	Clayton	180	262	Nortonville site	E-13		Nortonville sh	Eocene
3567	Clayton	180	263	Nortonville site	E-13		Nortonville sh	Eocene
3568	Clayton	180	264	Nortonville site	E-13		Nortonville sh	Eocene
3569	Clayton	180	265	Nortonville site	E-13		Nortonville sh	Eocene
3570	Clayton	180	268	Nortonville site	E-13		Nortonville sh	Eocene
3571	Clayton	180	269	Nortonville site	E-13		Nortonville sh	Eocene
3572	Clayton	180	270	Nortonville site	E-13		Nortonville sh	Eocene
3573	Clayton	180	298	Nortonville site	E-13		Nortonville sh	Eocene
3574	Clayton	180	299	Nortonville site	E-13		Nortonville sh	Eocene
3575	Clayton	180	300	Nortonville site	E-13		Nortonville sh	Eocene
3576	Clayton	180	301	Nortonville site	E-13		Nortonville sh	Eocene
3577	Clayton	180	302	Nortonville site	E-13		Nortonville sh	Eocene
3578	Clayton	180	303	Nortonville site	E-13		Nortonville sh	Eocene
3579	Clayton	180	304	Nortonville site	E-13		Nortonville sh	Eocene
3580	Clayton	180	305	Nortonville site	E-13		Nortonville sh	Eocene
3581	Clayton	180	306	Nortonville site	E-13		Nortonville sh	Eocene
3582	Clayton	180	307	Nortonville site	E-13		Nortonville sh	Eocene
3583	Clayton	180	308	Nortonville site	E-13		Nortonville sh	Eocene
3584	Clayton	180	309	Nortonville site	E-13		Nortonville sh	Eocene
3585	Clayton	180	310	Nortonville site	E-13		Nortonville sh	Eocene
3586	Clayton	180	311	Nortonville site	E-13		Nortonville sh	Eocene
3587	Clayton	180	312	Nortonville site	E-13		Nortonville sh	Eocene
3588	Clayton	180	313	Nortonville site	E-13		Nortonville sh	Eocene
3589	Clayton	180	314	Nortonville site	E-13		Nortonville sh	Eocene
3590	Clayton	180	315	Nortonville site	E-13		Nortonville sh	Eocene
3591	Clayton	180	316	Nortonville site	E-13		Nortonville sh	Eocene
3592	Clayton	180	317	Nortonville site	E-13		Nortonville sh	Eocene
3593	Clayton	180	318	Nortonville site	E-13		Nortonville sh	Eocene
3594	Clayton	180	319	Nortonville site	E-13		Nortonville sh	Eocene
3595	Clayton	180	320	Nortonville site	E-13		Nortonville sh	Eocene
3596	Clayton	180	321	Nortonville site	E-13		Nortonville sh	Eocene
3597	Clayton	180	328	Nortonville site	E-13		Nortonville sh	Eocene
3598	Clayton	180	329	Nortonville site	E-13		Nortonville sh	Eocene
3599	Clayton	180	330	Nortonville site	E-13		Nortonville sh	Eocene
3600	Clayton	180	331	Nortonville site	E-13		Nortonville sh	Eocene
3601	Clayton	180	332	Nortonville site	E-13		Nortonville sh	Eocene
3602	Clayton	180	333	Nortonville site	E-13		Nortonville sh	Eocene
3603	Clayton	180	334	Nortonville site	E-14		Nortonville sh	Eocene
3604	Clayton	180	335	Nortonville site	E-14		Nortonville sh	Eocene
3605	Clayton	180	336	Nortonville site	E-14		Nortonville sh	Eocene
3606	Clayton	180	337	Nortonville site	E-14		Nortonville sh	Eocene
3607	Clayton	180	338	Nortonville site	E-14		Nortonville sh	Eocene
3608	Clayton	180	339	Nortonville site	E-14		Nortonville sh	Eocene
3609	Clayton	180	340	Nortonville site	E-14		Nortonville sh	Eocene
3610	Clayton	180	341	Nortonville site	E-14		Nortonville sh	Eocene
3611	Clayton	180	342	Nortonville site	E-14		Nortonville sh	Eocene
3612	Sacate	180	G1 etc	Arroyo Bulito	34-J	Gaviota and		Eocene
3613	Sacate	180	2	Arroyo Bulito	34-J	Alegria formations		Eocene
3614	Sacate	180	3	Arroyo Bulito	34-J	type Bulitian?		Eocene
3615	Sacate	180	4	Arroyo Bulito	34-J			Eocene
3616	Sacate	180	5	Arroyo Bulito	34-J			Eocene
3617	Sacate	180	6	Arroyo Bulito	34-J			Eocene
3618	Sacate	180	7	Arroyo Bulito	34-J			Eocene
3619	Sacate	180	8	Arroyo Bulito	34-J			Eocene
3620	Sacate	180	9	Arroyo Bulito	34-J			Eocene
3621	Sacate	180	10	Arroyo Bulito	34-J			Eocene
3622	Sacate	180	11	Arroyo Bulito	34-J			Eocene
3623	Sacate	180	13	Arroyo Bulito	34-J			Eocene
3624	Sacate	180	14	Arroyo Bulito	34-J			Eocene
3625	Sacate	180	15	Arroyo Bulito	34-J			Eocene
3626	Brentwood	181	323	SW part of quad	E-11	Not on map but	Nortonv. sh	Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
3627	Brentwood	181	324	SW part of quad	E-11	strat column	Nortonv. sh	Eocene
3628	Brentwood	181	325	SW part of quad	E-11	indicates localities	Nortonv. sh	Eocene
3629	Brentwood	181	326	SW part of quad	E-11	are in Section 36	Nortonv. sh	Eocene
3630	Brentwood	181	327	SW part of quad	E-11	T1N, R2E, Kellogg	Nortonv. sh	Eocene
3631	Brentwood	181	600	SW part of quad	E-11	Creek tributary	Nortonv. sh	Eocene
3632	Brentwood	181	601	SW part of quad	E-11		Nortonv. sh	Eocene
3633	Brentwood	181	602	SW part of quad	E-11		Nortonv. sh	Eocene
3634	Brentwood	181	603	SW part of quad	E-11		Nortonv. sh	Eocene
3635	Brentwood	181	604	SW part of quad	E-11		Nortonv. sh	Eocene
3636	Brentwood	181	605	SW part of quad	E-11		Nortonv. sh	Eocene
3637	Brentwood	181	606	SW part of quad	E-11		Nortonv. sh	Eocene
3638	Brentwood	181	607	SW part of quad	E-11		Nortonv. sh	Eocene
3639	Brentwood	181	608	SW part of quad	E-11		Nortonv. sh	Eocene
3640	Brentwood	181	609	SW part of quad	E-11		Kellogg sh	Eocene
3641	Brentwood	181	610	SW part of quad	E-11		Kellogg sh	Eocene
3642	Brentwood	181	611	SW part of quad	E-11		Kellogg sh	Eocene
3643	Brentwood	181	612	SW part of quad	E-11		Kellogg sh	Eocene
3644	Brentwood	181	613	SW part of quad	E-11		Kellogg sh	Eocene
3645	Brentwood	181	614	SW part of quad	E-11		Kellogg sh	Eocene
3646	Brentwood	181	615	SW part of quad	E-11		Kellogg sh	Eocene
3647	Brentwood	181	616	SW part of quad	E-11		Kellogg sh	Eocene
3648	Brentwood	181	617	SW part of quad	E-11		Kellogg sh	Eocene
3649	Brentwood	181	618	SW part of quad	E-11		Kellogg sh	Eocene
3650	Brentwood	181	619	SW part of quad	E-11		Kellogg sh	Eocene
3651	Brentwood	181	620	SW part of quad	E-11		Kellogg sh	Eocene
3652	Brentwood	181	622	SW part of quad	E-11		Kellogg sh	Eocene
3653	Brentwood	181	625	SW part of quad	E-11		Kellogg sh	Eocene
3654	Brentwood	181	626	SW part of quad	E-11		Kellogg sh	Eocene
3655	Brentwood	181	627	SW part of quad	E-11		Kellogg sh	Eocene
3656	Antioch South	182	344	Horse Valley area	F-12	Sect B-916	Meganos E	middle Eocene
3657	Antioch South	182	345	Horse Valley area	F-12	(not provided)	Meganos E	middle Eocene
3658	Antioch South	182	346	Horse Valley area	F-12	Age inferred from	Meganos E	middle Eocene
3659	Antioch South	182	347	Horse Valley area	F-12	Meganos E on slide	Meganos E	middle Eocene
3660	Antioch South	182	348	Horse Valley area	F-12	Locality not on	Meganos E	middle Eocene
3661	Antioch South	182	349	Horse Valley area	F-12	map but general	Meganos E	middle Eocene
3662	Antioch South	182	350	Horse Valley area	F-12	area is Horse	Meganos E	middle Eocene
3663	Antioch South	182	351	Horse Valley area	F-12	Valley (on slide)	Meganos E	middle Eocene
3664	Antioch South	182	352	Horse Valley area	F-12	No paleo report.	Meganos E	middle Eocene
3665	Antioch South	182	353	Horse Valley area	F-12		Meganos E	middle Eocene
3666	Antioch South	182	354	Horse Valley area	F-12		Meganos E	middle Eocene
3667	Antioch South	182	355	Horse Valley area	F-12		Meganos E	middle Eocene
3668	Antioch South	182	356	Horse Valley area	F-12		Meganos E	middle Eocene
3669	Antioch South	182	357	Horse Valley area	F-12		Meganos E	middle Eocene
3670	Antioch South	182	358	Horse Valley area	F-12		Meganos E	middle Eocene
3671	Antioch South	182	359	Horse Valley area	F-12		Meganos E	middle Eocene
3672	Antioch South	182	360	Horse Valley area	F-12		Meganos E	middle Eocene
3673	Antioch South	182	361	Horse Valley area	F-12		Meganos E	middle Eocene
3674	Antioch South	182	362	Horse Valley area	F-12		Meganos E	middle Eocene
3675	Antioch South	182	363	Horse Valley area	F-12		Meganos E	middle Eocene
3676	Antioch South	182	364	Horse Valley area	F-12		Meganos E	middle Eocene
3677	Antioch South	182	365	Horse Valley area	F-12		Meganos E	middle Eocene
3678	Antioch South	182	366	Horse Valley area	F-12		Meganos E	middle Eocene
3679	Antioch South	182	367	Horse Valley area	F-12		Meganos E	middle Eocene
3680	Antioch South	182	368	Horse Valley area	F-12		Meganos E	middle Eocene
3681	Antioch South	182	369	Horse Valley area	F-12		Meganos E	middle Eocene
3682	Antioch South	182	370	Horse Valley area	F-12		Meganos E	middle Eocene
3683	Antioch South	182	371	Horse Valley area	F-12		Meganos E	middle Eocene
3684	Antioch South	182	372	Horse Valley area	F-12		Meganos E	middle Eocene
3685	Antioch South	182	373	Horse Valley area	F-12		Meganos E	middle Eocene
3686	Antioch South	182	374	Horse Valley area	F-12		Meganos E	middle Eocene
3687	Antioch South	182	375	Horse Valley area	F-12		Meganos E	middle Eocene
3688	Antioch South	182	379	Horse Valley area	F-12		Meganos E	middle Eocene
3689	Antioch South	182	380	Horse Valley area	F-12		Meganos E	middle Eocene
3690	Antioch South	182	381	Horse Valley area	F-12		Meganos E	middle Eocene
3691	Antioch South	182	382	Horse Valley area	F-12		Meganos E	middle Eocene
3692	Antioch South	182	383	Horse Valley area	F-12		Meganos E	middle Eocene
3693	Antioch South	182	384	Horse Valley area	F-12		Meganos E	middle Eocene
3694	Antioch South	182	385	Horse Valley area	F-12		Meganos E	middle Eocene
3695	Antioch South	182	386	Horse Valley area	F-12		Meganos E	middle Eocene
3696	Antioch South	182	387	Horse Valley area	F-12		Meganos E	middle Eocene
3697	Antioch South	182	388	Horse Valley area	F-12		Meganos E	middle Eocene
3698	Antioch South	182	389	Horse Valley area	F-12		Meganos E	middle Eocene
3699	Antioch South	182	390	Horse Valley area	F-12		Meganos E	middle Eocene
3700	Antioch South	182	391	Horse Valley area	F-12		Meganos E	middle Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
3701	Antioch South	182	392	Horse Valley area	F-12		Meganos E	middle Eocene
3702	Antioch South	182	393	Horse Valley area	F-12		Meganos E	middle Eocene
3703	Antioch South	182	394	Horse Valley area	F-12		Meganos E	middle Eocene
3704	Antioch South	182	395	Horse Valley area	F-12		Meganos E	middle Eocene
3705	Antioch South	182	396	Horse Valley area	F-12		Meganos E	middle Eocene
3706	Antioch South	182	397	Horse Valley area	F-12		Meganos E	middle Eocene
3707	Antioch South	182	398	Horse Valley area	F-12		Meganos E	middle Eocene
3708	Antioch South	182	399	Horse Valley area	F-12		Meganos E	middle Eocene
3709	Byron Hot Springs	182	399	NC part of quad	F-12	6/1S/3E	equals #916	b
3710	Antioch South	183	200	SE part of quad	E-12	NE 1/4 (locs from	21/1N/2E	Eocene
3711	Antioch South	183	200A	SE part of quad	E-12	back of slide)	21/1N/2E	Eocene
3712	Brentworth	183	201	Dry Creek area	E-12	Abun radiolaria in	27/1N/2E	Eocene
3713	Byron Hot Springs	183	202	NC part of quad	E-12	all slides	8/1S/2E	Eocene
3714	Santa Paula	183	1	EC part of quad	no slide			Pliocene
3715	Santa Paula	183	2	EC part of quad	no slide			Pliocene
3716	Santa Paula	183	3	EC part of quad	no slide			Pliocene
3717	Santa Paula	183	4	EC part of quad	no slide			Pliocene
3718	Santa Paula	183	5	EC part of quad	no slide			Pliocene
3719	Santa Paula	183	6	EC part of quad	no slide			Pliocene
3720	Santa Paula	183	7	EC part of quad	no slide			Pliocene
3721	Antioch South	184	219	center of quad	E-12		Nortonville	Eocene
3722	Antioch South	184	220	center of quad	E-12	Not on map but	Nortonville	Eocene
3723	Antioch South	184	221	center of quad	E-12	strat column	Nortonville	Eocene
3724	Antioch South	184	222	center of quad	E-12	indicates localities	Nortonville	Eocene
3725	Antioch South	184	223	center of quad	E-12	in Sec 12, T1N,	Nortonville	Eocene
3726	Antioch South	184	224	center of quad	E-12	R1E. Called	Nortonville	Eocene
3727	Antioch South	184	225	center of quad	E-12	Chadbourne Road	Nortonville	Eocene
3728	Antioch South	184	226	center of quad	E-12	section on Chevron	Nortonville	Eocene
3729	Antioch South	184	227	center of quad	E-12	geologic map.	Nortonville	Eocene
3730	Antioch South	184	228	center of quad	E-12	Name now Empire	Nortonville	Eocene
3731	Antioch South	184	229	center of quad	E-12	Mine Road	Nortonville	Eocene
3732	Antioch South	184	230	center of quad	E-12		Nortonville	Eocene
3733	Antioch South	184	231	center of quad	E-12		Nortonville	Eocene
3734	Antioch South	184	232	center of quad	E-12		Nortonville	Eocene
3735	Antioch South	184	233	center of quad	E-12		Nortonville	Eocene
3736	Antioch South	184	234	center of quad	E-12		Nortonville	Eocene
3737	Antioch South	184	235	center of quad	E-12		Nortonville	Eocene
3738	Antioch South	184	236	center of quad	E-12		Nortonville	Eocene
3739	Antioch South	184	237	center of quad	E-12		Nortonville	Eocene
3740	Antioch South	184	238	center of quad	E-12		Nortonville	Eocene
3741	Antioch South	184	239	center of quad	E-12		Nortonville	Eocene
3742	Antioch South	184	240	center of quad	E-12		Nortonville	Eocene
3743	Antioch South	184	241	center of quad	E-12		Nortonville	Eocene
3744	Antioch South	184	242	center of quad	E-12		Nortonville	Eocene
3745	Antioch South	184	243	center of quad	E-12		Nortonville	Eocene
3746	Antioch South	184	244	center of quad	E-12		Nortonville	Eocene
3747	Antioch South	184	245	center of quad	E-12		Nortonville	Eocene
3748	Antioch South	184	246	center of quad	E-12		Nortonville	Eocene
3749	Antioch South	184	247	center of quad	E-12		Nortonville	Eocene
3750	Antioch South	184	248	center of quad	E-12		Nortonville	Eocene
3751	Antioch South	184	249	center of quad	E-12		Nortonville	Eocene
3752	Antioch South	184	250	center of quad	E-12		Nortonville	Eocene
3753	Antioch South	184	251	center of quad	E-12		Nortonville	Eocene
3754	Antioch South	184	252	center of quad	E-12		Nortonville	Eocene
3755	Antioch South	184	253	center of quad	E-12		Nortonville	Eocene
3756	Antioch South	184	254	center of quad	E-12		Nortonville	Eocene
3757	Santa Ynez	184	1	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3758	Santa Ynez	184	2	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3759	Santa Ynez	184	3	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3760	Santa Ynez	184	4	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3761	Santa Ynez	184	5	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3762	Santa Ynez	184	6	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3763	Santa Ynez	184	7	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3764	Santa Ynez	184	8	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3765	Santa Ynez	184	9	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3766	Santa Ynez	184	10	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3767	Santa Ynez	184	11	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3768	Santa Ynez	184	12	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3769	Santa Ynez	184	13A	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3770	Santa Ynez	184	13B	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3771	Santa Ynez	184	13C	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3772	Santa Ynez	184	14	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3773	Santa Ynez	184	15	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3774	Santa Ynez	184	16	Refugio Pass area	9-K	Los Olivos 15'		Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
3775	Santa Ynez	184	18	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3776	Santa Ynez	184	19	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3777	Santa Ynez	184	20	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3778	Santa Ynez	184	21	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3779	Santa Ynez	184	24	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3780	Santa Ynez	184	25	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3781	Santa Ynez	184	26	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3782	Santa Ynez	184	27	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3783	Santa Ynez	184	28	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3784	Santa Ynez	184	29	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3785	Santa Ynez	184	30	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3786	Santa Ynez	184	31	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3787	Santa Ynez	184	32	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3788	Santa Ynez	184	33	Refugio Pass area	9-K	Los Olivos 15'		Eocene
3789	Santa Ynez	185	1	Refugio Pass area	8-L	Los Olivos 15'		Eocene
3790	Santa Ynez	185	2	Refugio Pass area	8-L	Los Olivos 15'		Eocene
3791	Santa Ynez	185	3	Refugio Pass area	8-L	Los Olivos 15'		Eocene
3792	Santa Ynez	185	4	Refugio Pass area	8-L	Los Olivos 15'		Eocene
3793	Santa Ynez	185	5	Refugio Pass area	8-L	Los Olivos 15'		Eocene
3794	Santa Ynez	185	6	Refugio Pass area	8-L	Los Olivos 15'		Eocene
3795	Lillis Ranch	186	"6-2 etc	SE part of quad	H-10	1/18S/14E center		Paleocene
3796	Lillis Ranch	186	3	SE part of quad	H-10	(on slide # 1)		Paleocene
3797	Lillis Ranch	186	4	SE part of quad	H-10	Have strat column	trench dug by	Paleocene
3798	Lillis Ranch	186	5	SE part of quad	H-10	Joaquin Rocks 15'	Superior Oil	Paleocene
3799	Lillis Ranch	186	6	SE part of quad	H-10	Joaquin Rocks 15'	1/18S/14E	Paleocene
3800	Lillis Ranch	186	7	SE part of quad	H-11	Joaquin Rocks 15'	not on map	Paleocene
3801	Lillis Ranch	186	8	SE part of quad	H-11	Joaquin Rocks 15'		Paleocene
3802	Lillis Ranch	186	9	SE part of quad	H-11	Joaquin Rocks 15'		Paleocene
3803	Lillis Ranch	186	10	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3804	Lillis Ranch	186	11	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3805	Lillis Ranch	186	12	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3806	Lillis Ranch	186	13	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3807	Lillis Ranch	186	14	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3808	Lillis Ranch	186	15	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3809	Lillis Ranch	186	16	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3810	Lillis Ranch	186	17	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3811	Lillis Ranch	186	18	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3812	Lillis Ranch	186	19	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3813	Lillis Ranch	186	20	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3814	Lillis Ranch	186	21	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3815	Lillis Ranch	186	22	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3816	Lillis Ranch	186	23	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3817	Lillis Ranch	186	24	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3818	Lillis Ranch	186	25	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3819	Lillis Ranch	186	26	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3820	Lillis Ranch	186	27	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3821	Lillis Ranch	186	28	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3822	Lillis Ranch	186	29	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3823	Lillis Ranch	186	30	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3824	Lillis Ranch	186	31	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3825	Lillis Ranch	186	32	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3826	Lillis Ranch	186	33	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3827	Lillis Ranch	186	34	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3828	Lillis Ranch	186	35	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3829	Lillis Ranch	186	36	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3830	Lillis Ranch	186	37	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3831	Lillis Ranch	186	38	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3832	Lillis Ranch	186	39	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3833	Lillis Ranch	186	40	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3834	Lillis Ranch	186	41	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3835	Lillis Ranch	186	42	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3836	Lillis Ranch	186	43	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3837	Lillis Ranch	186	44	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3838	Lillis Ranch	186	45	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3839	Lillis Ranch	186	46	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3840	Lillis Ranch	186	47	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3841	Lillis Ranch	186	48	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3842	Lillis Ranch	186	49	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3843	Lillis Ranch	186	50	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3844	Lillis Ranch	186	51	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3845	Lillis Ranch	186	52	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3846	Lillis Ranch	186	53	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3847	Lillis Ranch	186	54	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3848	Lillis Ranch	186	55	SE part of quad	H-11	Joaquin Rocks 15'		Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
3849	Lillis Ranch	186	56	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3850	Lillis Ranch	186	57	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3851	Lillis Ranch	186	58	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3852	Lillis Ranch	186	59	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3853	Lillis Ranch	186	60	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3854	Lillis Ranch	186	61	SE part of quad	H-11	Joaquin Rocks 15'		Eocene
3855	Santa Ynez	186	1	Refugio Pass area	36-G	Los Olivos 15'		possibly Eocene
3856	Santa Ynez	186	2	Refugio Pass area	36-G	Los Olivos 15'		possibly Eocene
3857	Santa Ynez	186	3	Refugio Pass area	36-G	Los Olivos 15'		possibly Eocene
3858	Santa Ynez	186	4	Refugio Pass area	36-G	Los Olivos 15'		possibly Eocene
3859	Santa Ynez	186	5	Refugio Pass area	36-G	Los Olivos 15'		possibly Eocene
3860	Santa Ynez	186	6	Refugio Pass area	36-G	Los Olivos 15'		possibly Eocene
3861	Antioch South	187	718	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene
3862	Antioch South	187	719	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene
3863	Antioch South	187	720	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene
3864	Antioch South	187	721	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene
3865	Antioch South	187	721	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene
3866	Antioch South	187	722	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene
3867	Antioch South	187	723	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene
3868	Antioch South	187	724	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene
3869	Antioch South	187	725	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene
3870	Antioch South	187	726	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene
3871	Antioch South	187	727	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene
3872	Antioch South	187	728	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene
3873	Antioch South	187	729	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene
3874	Antioch South	187	730	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene
3875	Antioch South	187	731	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene
3876	Antioch South	187	732	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene
3877	Santa Ynez	187	1	Refugio Pass area	39-G	Los Olivos 15'		Eocene
3878	Santa Ynez	187	2	Refugio Pass area	39-G	Los Olivos 15'		Eocene
3879	Santa Ynez	187	3	Refugio Pass area	39-G	Los Olivos 15'		Eocene
3880	Santa Ynez	187	4	Refugio Pass area	39-G	Los Olivos 15'		Eocene
3881	Santa Ynez	187	5	Refugio Pass area	39-G	Los Olivos 15'		Eocene
3882	Santa Ynez	187	6	Refugio Pass area	39-G	Los Olivos 15'		Eocene
3883	Santa Ynez	187	9	Refugio Pass area	39-G	Los Olivos 15'		Eocene
3884	Santa Ynez	187	10	Refugio Pass area	39-G	Los Olivos 15'		Eocene
3885	Santa Ynez	187	12	Refugio Pass area	39-G	Los Olivos 15'		Eocene
3886	Antioch South	189	753	EC part of quad	F-11	SW 1/4	Meganos E	Eocene
3887	Antioch South	189	754	EC part of quad	F-11	16/1N/2E	Meganos E	Eocene
3888	Antioch South	189	755	EC part of quad	F-11	but not on map	Meganos E	Eocene
3889	Antioch South	189	756	EC part of quad	F-11		Meganos E	Eocene
3890	Antioch South	189	757	EC part of quad	F-11		Meganos E	Eocene
3891	Antioch South	189	758	EC part of quad	F-11		Meganos E	Eocene
3892	Antioch South	189	759	EC part of quad	F-11		Meganos E	Eocene
3893	Antioch South	189	760	EC part of quad	F-11		Meganos E	Eocene
3894	Antioch South	189	761	EC part of quad	F-11		Meganos E	Eocene
3895	Antioch South	189	762	EC part of quad	F-11		Meganos E	Eocene
3896	Antioch South	189	763	EC part of quad	F-11		Meganos E	Eocene
3897	Antioch South	189	764	EC part of quad	F-11		Meganos E	Eocene
3898	Antioch South	190	767	EC part of quad	F-11	16/1N/2E	Meganos E	Eocene
3899	Antioch South	190	768	EC part of quad	F-11	but not on map	Meganos E	Eocene
3900	Antioch South	190	769	EC part of quad	F-11		Meganos E	Eocene
3901	Antioch South	190	770	EC part of quad	F-11		Meganos E	Eocene
3902	Antioch South	190	771	EC part of quad	F-11		Meganos E	Eocene
3903	Antioch South	190	772	EC part of quad	F-11		Meganos E	Eocene
3904	Antioch South	190	773	EC part of quad	F-11		Meganos E	Eocene
3905	Antioch South	190	774	EC part of quad	F-11		Meganos E	Eocene
3906	Cordelia	190		14/4N/3W	no slide	Carquinez 15'	mollusk age	Eocene
3907	Borrego Mountain SE	191	3	Anza Park	85-K	strat column	has NP	late Miocene or Pliocene NP
3908	Borrego Mountain SE	191	4	Anza Park	85-K	strat column	has NP	late Miocene or Pliocene NP
3909	Borrego Mountain SE	191	5	Anza Park	85-K	strat column	has NP	late Miocene or Pliocene NP
3910	Borrego Mountain SE	191	6	Anza Park	85-K	strat column	has NP	late Miocene or Pliocene NP
3911	Borrego Mountain SE	191	7	Anza Park	85-K	strat column	has NP	late Miocene or Pliocene NP
3912	Borrego Mountain SE	191	8	Anza Park	85-K	strat column	has NP	late Miocene or Pliocene NP
3913	Borrego Mountain SE	191	9	Anza Park	85-K	strat column	has NP	late Miocene or Pliocene NP
3914	Simi Valley East	191	I-109	center of quad	56-N	Numbers on slide	"Martinez" Fm	Paleocene
3915	Simi Valley East	191	I-110	center of quad	56-N	are from old	"Martinez" Fm	Paleocene
3916	Simi Valley East	191	I-111	center of quad	56-N	Santa Susanna	"Martinez" Fm	Paleocene
3917	Simi Valley East	191	I-112	center of quad	56-N	Quad.	"Martinez" Fm	Paleocene
3918	Simi Valley East	191	I-113	center of quad	56-N		"Martinez" Fm	Paleocene
3919	Simi Valley East	191	I-114	center of quad	56-N		"Martinez" Fm	Paleocene
3920	Simi Valley East	191	I-115	center of quad	56-N		"Martinez" Fm	Paleocene
3921	Simi Valley East	191	I-116	center of quad	56-N		"Martinez" Fm	Paleocene
3922	Simi Valley East	191	I-117	center of quad	56-N		"Martinez" Fm	Paleocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
3923	Borrego Mountain SE	192	13	Split Mountain	20-K	strat column	has NP	late Miocene or Pliocene NP
3924	Borrego Mountain SE	192	17	Split Mountain	20-K	strat column	has NP	late Miocene or Pliocene NP
3925	Canoga Park	193	I-1	SW corner of quad	56-N		age on slide	middle and late Miocene Mohnian Stage
3926	Canoga Park	193	I-2	SW corner of quad	56-N		age on slide	middle and late Miocene Mohnian Stage
3927	Canoga Park	193	I-3	SW corner of quad	56-N		age on slide	middle and late Miocene Mohnian Stage
3928	Canoga Park	193	I-4	SW corner of quad	56-N		age on slide	middle and late Miocene Mohnian Stage
3929	Gaviota	193	1	Gaviota Pass	68-E	Have foram check		late Eocene Refugian Stage
3930	Gaviota	193	2	Gaviota Pass	68-E	list		late Eocene Refugian Stage
3931	Gaviota	193	3	Gaviota Pass	68-E			late Eocene Refugian Stage
3932	Gaviota	193	4	Gaviota Pass	68-E			late Eocene Refugian Stage
3933	Gaviota	193	5	Gaviota Pass	68-E			late Eocene Refugian Stage
3934	Gaviota	193	6	Gaviota Pass	68-E			late Eocene Refugian Stage
3935	Gaviota	193	7	Gaviota Pass	68-E			late Eocene
3936	Gaviota	193	7A	Gaviota Pass	68-E			late Eocene
3937	Gaviota	193	8	Gaviota Pass	68-E			late Eocene
3938	Gaviota	193	9	Gaviota Pass	68-E			late Eocene
3939	Gaviota	193	10	Gaviota Pass	68-E			late Eocene
3940	Gaviota	193	10A	Gaviota Pass	68-E			late Eocene
3941	Gaviota	193	12A	Gaviota Pass	68-E			late Eocene
3942	Gaviota	193	12B	Gaviota Pass	68-E			late Eocene
3943	Gaviota	193	13	Gaviota Pass	68-E			late Eocene
3944	Gaviota	193	14	Gaviota Pass	68-E			late Eocene
3945	Gaviota	193	15	Gaviota Pass	68-E			late Eocene
3946	Gaviota	193	16	Gaviota Pass	68-E			late Eocene
3947	Gaviota	193	17	Gaviota Pass	68-E			late Eocene
3948	Gaviota	193	18	Gaviota Pass	68-E			late Eocene
3949	Gaviota	193	19	Gaviota Pass	68-E			late Eocene
3950	Gaviota	193	20	Gaviota Pass	68-E			late Eocene
3951	Gaviota	193	21	Gaviota Pass	68-E			late Eocene
3952	Gaviota	193	21A	Gaviota Pass	68-E			late Eocene
3953	Gaviota	193	22	Gaviota Pass	68-E			late Eocene
3954	Gaviota	193	23	Gaviota Pass	68-E			late Eocene
3955	Gaviota	193	24	Gaviota Pass	68-E			late Eocene
3956	Gaviota	193	25	Gaviota Pass	68-E			late Eocene
3957	Gaviota	193	26	Gaviota Pass	68-E			late Eocene
3958	Gaviota	193	27	Gaviota Pass	68-E			late Eocene
3959	Gaviota	193	28	Gaviota Pass	68-E			late Eocene
3960	Gaviota	193	29	Gaviota Pass	68-E			late Eocene
3961	Gaviota	193	30	Gaviota Pass	68-E			late Eocene
3962	Gaviota	193	31	Gaviota Pass	68-E			late Eocene
3963	Gaviota	193	32	Gaviota Pass	68-E			late Eocene
3964	Gaviota	193	33	Gaviota Pass	68-E			late Eocene
3965	Gaviota	193	34	Gaviota Pass	68-F			late Eocene
3966	Gaviota	193	35	Gaviota Pass	68-F			late Eocene
3967	Gaviota	193	36	Gaviota Pass	68-F			late Eocene
3968	Gaviota	193	slide 1	Gaviota/Sacate	74-B			assemblage slide?
3969	Gaviota	193	slide 2	Gaviota/Sacate	74-B			assemblage slide?
3970	Sacate	194	1	Santa Anita Cyn	68-D	Have foram and		middle Eocene A-1 Zone
3971	Sacate	194	2	Santa Anita Cyn	68-D	nannoplankton		middle Eocene A-1 Zone
3972	Sacate	194	3	Santa Anita Cyn	68-D	strat column and		middle Eocene A-1 Zone
3973	Sacate	194	4	Santa Anita Cyn	68-D	check list which		middle Eocene A-1 Zone
3974	Sacate	194	5	Santa Anita Cyn	68-D	provide ages		middle Eocene A-1 Zone
3975	Sacate	194	6	Santa Anita Cyn	68-D			middle Eocene A-1 Zone
3976	Sacate	194	7	Santa Anita Cyn	68-D			middle Eocene A-1 Zone
3977	Sacate	194	8	Santa Anita Cyn	68-D			middle Eocene A-1 Zone
3978	Sacate	194	9	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area
3979	Sacate	194	10	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area
3980	Sacate	194	11	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area
3981	Sacate	194	12	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area
3982	Sacate	194	13	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area
3983	Sacate	194	14	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area
3984	Sacate	194	15	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area
3985	Sacate	194	17	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area
3986	Sacate	194	19	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area
3987	Sacate	194	20	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area
3988	Sacate	194	21	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area
3989	Sacate	194	22	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area
3990	Sacate	194	23	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area
3991	Sacate	194	24	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area
3992	Sacate	194	25	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area
3993	Sacate	194	26	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area
3994	Sacate	194	27	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area
3995	Sacate	194	28	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area
3996	Sacate	194	29	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
3997	Sacate	194	30	Santa Anita Cyn	68-D			late Eocene Refugian Stage type area
3998	Sacate	194	31	Santa Anita Cyn	68-D			middle Eocene A-2 Zone
3999	Sacate	194	32	Santa Anita Cyn	68-D			middle Eocene A-2 Zone
4000	Sacate	194	33	Santa Anita Cyn	68-D			middle Eocene A-2 Zone
4001	Sacate	194	34	Santa Anita Cyn	68-D			middle Eocene A-2 Zone
4002	Sacate	194	35	Santa Anita Cyn	68-D			middle Eocene A-2 Zone
4003	Sacate	194	36	Santa Anita Cyn	68-D			middle Eocene A-2 Zone
4004	Sacate	194	37	Santa Anita Cyn	68-D			middle Eocene A-2 Zone
4005	Sacate	194	38	Santa Anita Cyn	68-D			middle Eocene A-2 Zone
4006	Sacate	194	39	Santa Anita Cyn	68-D			middle Eocene A-2 Zone
4007	Sacate	194	40	Santa Anita Cyn	68-D			middle Eocene A-2 Zone
4008	Sacate	194	41	Santa Anita Cyn	68-D			middle Eocene A-2 Zone
4009	Sacate	194	42	Santa Anita Cyn	68-D			middle Eocene A-2 Zone
4010	Sacate	194	43	Santa Anita Cyn	68-D			middle Eocene A-2 Zone
4011	Sacate	194	44	Santa Anita Cyn	68-D			middle Eocene A-2 Zone
4012	Sacate	194	45	Santa Anita Cyn	68-E			middle Eocene A-2 Zone
4013	Sacate	194	46	Santa Anita Cyn	68-E			middle Eocene A-2 Zone
4014	Sacate	194	47	Santa Anita Cyn	68-E			middle Eocene A-2 Zone
4015	Sacate	194	48	Santa Anita Cyn	68-E			middle Eocene A-2 Zone
4016	Sacate	194	49	Santa Anita Cyn	68-E			middle Eocene A-2 Zone
4017	Sacate	194	50	Santa Anita Cyn	68-E			middle Eocene A-2 Zone
4018	Sacate	194	51	Santa Anita Cyn	68-E			middle Eocene A-2 Zone
4019	Sacate	194	52	Santa Anita Cyn	68-E			middle Eocene A-2 Zone
4020	Sacate	194	53	Santa Anita Cyn	68-E			middle Eocene A-2 Zone
4021	Sacate	194	54	Santa Anita Cyn	68-E			middle Eocene A-2 Zone
4022	Sacate	194	55	Santa Anita Cyn	68-E			middle Eocene A-2 Zone
4023	Sacate	194	56	Santa Anita Cyn	68-E			middle Eocene A-2 Zone
4024	Sacate	194	57	Santa Anita Cyn	68-E			middle Eocene A-2 Zone
4025	Sacate	194	58	Santa Anita Cyn	68-E			middle Eocene A-2 Zone
4026	Sacate	194	59	Santa Anita Cyn	68-E			middle Eocene A-2 Zone
4027	Sacate	194	60	Santa Anita Cyn	68-E			middle Eocene A-2 Zone
4028	Sacate	194	1	Santa Anita Cyn	12-J		duplicates	middle Eocene A-1 Zone
4029	Sacate	194	1+20	Santa Anita Cyn	12-J		duplicates	middle Eocene A-1 Zone
4030	Sacate	194	2	Santa Anita Cyn	12-J		duplicates	middle Eocene A-1 Zone
4031	Sacate	194	3	Santa Anita Cyn	12-J		duplicates	middle Eocene A-1 Zone
4032	Sacate	194	4	Santa Anita Cyn	12-J		duplicates	middle Eocene A-1 Zone
4033	Sacate	194	5	Santa Anita Cyn	12-J		duplicates	middle Eocene A-1 Zone
4034	Sacate	194	6	Santa Anita Cyn	12-J		duplicates	middle Eocene A-1 Zone
4035	Sacate	194	7	Santa Anita Cyn	12-J		duplicates	middle Eocene A-1 Zone
4036	Sacate	194	8	Santa Anita Cyn	12-J		duplicates	middle Eocene A-1 Zone
4037	Sacate	194	9	Santa Anita Cyn	12-J		duplicates	middle Eocene A-1 Zone
4038	Sacate	194	10	Santa Anita Cyn	12-J		duplicates	middle Eocene A-1 Zone
4039	Sacate	194	11	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4040	Sacate	194	12	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4041	Sacate	194	13	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4042	Sacate	194	14	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4043	Sacate	194	15	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4044	Sacate	194	16	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4045	Sacate	194	17	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4046	Sacate	194	18	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4047	Sacate	194	19	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4048	Sacate	194	20	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4049	Sacate	194	21	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4050	Sacate	194	22	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4051	Sacate	194	23	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4052	Sacate	194	24	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4053	Sacate	194	25	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4054	Sacate	194	26	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4055	Sacate	194	27	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4056	Sacate	194	28	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4057	Sacate	194	29	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4058	Sacate	194	30	Santa Anita Cyn	12-J		duplicates	late Eocene Refugian Stage type area
4059	Sacate	194	31	Santa Anita Cyn	12-J		duplicates	middle Eocene A-2 Zone
4060	Sacate	194	32	Santa Anita Cyn	12-J		duplicates	middle Eocene A-2 Zone
4061	Sacate	194	34	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4062	Sacate	194	35	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4063	Sacate	194	36	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4064	Sacate	194	37	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4065	Sacate	194	38	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4066	Sacate	194	39	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4067	Sacate	194	40	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4068	Sacate	194	41	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4069	Sacate	194	42	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4070	Sacate	194	43	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
4071	Sacate	194	44	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4072	Sacate	194	45	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4073	Sacate	194	46	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4074	Sacate	194	47	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4075	Sacate	194	48	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4076	Sacate	194	49	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4077	Sacate	194	50	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4078	Sacate	194	51	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4079	Sacate	194	52	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4080	Sacate	194	53	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4081	Sacate	194	54	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4082	Sacate	194	55	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4083	Sacate	194	56	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4084	Sacate	194	57	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4085	Sacate	194	58	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4086	Sacate	194	59	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4087	Sacate	194	60	Santa Anita Cyn	38-J		duplicates	middle Eocene A-2 Zone
4088	Sacate	194	1	Santa Anita Cyn	78-E		planktonics	late Eocene Refugian Stage type area
4089	Sacate	194	2	Santa Anita Cyn	78-E		planktonics	late Eocene Refugian Stage type area
4090	Sacate	194	4	Santa Anita Cyn	78-E		planktonics	late Eocene Refugian Stage type area
4091	Sacate	194	6	Santa Anita Cyn	78-E		planktonics	late Eocene Refugian Stage type area
4092	Sacate	194	8	Santa Anita Cyn	78-E		planktonics	late Eocene Refugian Stage type area
4093	Sacate	194	12	Santa Anita Cyn	78-E		planktonics	late Eocene Refugian Stage type area
4094	Sacate	194	13	Santa Anita Cyn	78-E		planktonics	late Eocene Refugian Stage type area
4095	Sacate	194	15	Santa Anita Cyn	78-E		planktonics	late Eocene Refugian Stage type area
4096	Sacate	194	19	Santa Anita Cyn	78-E		planktonics	late Eocene Refugian Stage type area
4097	Sacate	194	20	Santa Anita Cyn	78-E		planktonics	late Eocene Refugian Stage type area
4098	Sacate	194	21	Santa Anita Cyn	78-E		planktonics	late Eocene Refugian Stage type area
4099	Sacate	194	24	Santa Anita Cyn	78-E		planktonics	late Eocene Refugian Stage type area
4100	Sacate	194	27	Santa Anita Cyn	78-E		planktonics	late Eocene Refugian Stage type area
4101	Sacate	194	28	Santa Anita Cyn	78-E		planktonics	late Eocene Refugian Stage type area
4102	Sacate	194	29	Santa Anita Cyn	78-E		planktonics	late Eocene Refugian Stage type area
4103	Sacate	194	30	Santa Anita Cyn	78-E		planktonics	late Eocene Refugian Stage type area
4104	Sacate	194	31	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4105	Sacate	194	32	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4106	Sacate	194	34	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4107	Sacate	194	36	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4108	Sacate	194	37	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4109	Sacate	194	38	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4110	Sacate	194	39	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4111	Sacate	194	40	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4112	Sacate	194	41	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4113	Sacate	194	42	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4114	Sacate	194	43	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4115	Sacate	194	44	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4116	Sacate	194	45	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4117	Sacate	194	46	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4118	Sacate	194	47	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4119	Sacate	194	48	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4120	Sacate	194	49	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4121	Sacate	194	50	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4122	Sacate	194	51	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4123	Sacate	194	52	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4124	Sacate	194	53	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4125	Sacate	194	54	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4126	Sacate	194	55	Santa Anita Cyn	78-E		planktonics	middle Eocene A-2 Zone
4127	Sacate	194	slide 1	assemblage slide	74-B			no age provided
4128	Sacate	194	slide 2	assemblage slide	74-B			no age provided
4129	Sacate	194	slide 3	assemblage slide	74-B			no age provided
4130	Briones Valley?	194	1	Pinole anticline	E-14		not on map	Miocene
4131	Briones Valley?	194	2	Pinole anticline	E-14		not on map	Miocene
4132	Briones Valley?	194	3	Pinole anticline	E-14		not on map	Miocene
4133	Briones Valley?	194	4	Pinole anticline	E-14		not on map	Miocene
4134	Briones Valley?	194	5	Pinole anticline	E-14		not on map	Miocene
4135	Briones Valley?	194	6	Pinole anticline	E-14		not on map	early Eocene
4136	Briones Valley?	194	7	Pinole anticline	E-14		not on map	early Eocene
4137	Briones Valley?	194	8	Pinole anticline	E-14		not on map	early Eocene
4138	Briones Valley?	194	9	Pinole anticline	E-14		not on map	Miocene
4139	Alcalde Hills	195	1	Los Gatos Creek	E-14	Spiroglyphus reef	Domengine	Eocene
4140	Alcalde Hills	195	2	Los Gatos Creek	E-14	Coalinga 15'	age on slide	Eocene
4141	Alcalde Hills	195	3	Los Gatos Creek	E-14	not on map	3/20S/14E	Eocene
4142	Alcalde Hills	195	4	Los Gatos Creek	E-14	not on map		Eocene
4143	Alcalde Hills	195	5	Los Gatos Creek	E-14	not on map		Cretaceous? arenaceous foraminifers
4144	Pastoria Creek	195	1	Liveoak Canyon	37-K	type Liveoak mbr	from map	Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
4145	Pastoria Creek	195	2	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene
4146	Pastoria Creek	195	2	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene
4147	Pastoria Creek	195	4	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene
4148	Pastoria Creek	195	5	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene
4149	Pastoria Creek	195	7	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene
4150	Pastoria Creek	195	8	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene
4151	Pastoria Creek	195	9	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene
4152	Pastoria Creek	195	10	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene
4153	Pastoria Creek	195	12	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene
4154	Pastoria Creek	195	none	assemblage slide	74-B	type Liveoak mbr	Tejon	Eocene
4155	Mount Vaca	196	449	Putnam Peak area	H-1	not on map		Eocene
4156	Mount Vaca	196	450	Putnam Peak area	H-1	not on map		Eocene
4157	Mount Vaca	196	451	Putnam Peak area	H-1	not on map		Eocene
4158	Mount Vaca	196	452	Putnam Peak area	H-1	not on map		Eocene
4159	Mount Vaca	196	453	Putnam Peak area	H-1	not on map		Eocene
4160	Mount Vaca	196	454	Putnam Peak area	H-1	not on map		Eocene
4161	Mount Vaca	196	455	Putnam Peak area	H-1	not on map		early Eocene B-4 Zone
4162	Mount Vaca	196	456	Putnam Peak area	H-1	not on map		Eocene
4163	Mount Vaca	196	457	Putnam Peak area	H-1	not on map		Eocene
4164	Mount Vaca	196	458	Putnam Peak area	H-1	not on map		Eocene
4165	Mount Vaca	196	459	Putnam Peak area	H-1	not on map		Eocene
4166	Mount Vaca	196	460	Putnam Peak area	H-1	not on map		Eocene
4167	Mount Vaca	196	461	Putnam Peak area	H-1	not on map		Eocene
4168	Mount Vaca	196	462	Putnam Peak area	H-1	not on map		Eocene
4169	Mount Vaca	196	463	Putnam Peak area	H-1	not on map		Eocene
4170	Mount Vaca	196	464	Putnam Peak area	H-1	not on map		Eocene
4171	Mount Vaca	196	465	Putnam Peak area	H-1	not on map		Eocene
4172	Mount Vaca	196	466	Putnam Peak area	H-1	not on map		Eocene
4173	Mount Vaca	196	467	Putnam Peak area	H-1	not on map		Eocene
4174	Mount Vaca	196	468	Putnam Peak area	H-1	not on map		Eocene
4175	Mount Vaca	196	469	Putnam Peak area	H-1	not on map		Eocene
4176	Mount Vaca	196	470	Putnam Peak area	H-1	not on map		Eocene
4177	Mount Vaca	196	471	Putnam Peak area	H-1	not on map		Eocene
4178	Mount Vaca	196	472	Putnam Peak area	H-1	not on map		Eocene
4179	Mount Vaca	196	472	Putnam Peak area	H-1	not on map		Eocene
4180	Mount Vaca	196	473	Putnam Peak area	H-1	not on map		Eocene
4181	Mount Vaca	196	474	Putnam Peak area	H-1	not on map		Eocene
4182	Mount Vaca	196	475	Putnam Peak area	H-1	not on map		Eocene
4183	Mount Vaca	196	476	Putnam Peak area	H-1	not on map		Eocene
4184	Mount Vaca	196	477	Putnam Peak area	H-1	not on map		Eocene
4185	Mount Vaca	196	478	Putnam Peak area	H-1	not on map		Eocene
4186	Mount Vaca	196	479	Putnam Peak area	H-1	not on map		Eocene
4187	Mount Vaca	196	480	Putnam Peak area	H-1	not on map		Eocene
4188	Mount Vaca	196	481	Putnam Peak area	H-1	not on map		Eocene
4189	Mount Vaca	196	482	Putnam Peak area	H-1	not on map		Eocene
4190	Mount Vaca	196	483	Putnam Peak area	H-1	not on map		Eocene
4191	Mount Vaca	196	484	Putnam Peak area	H-1	not on map		Eocene
4192	Mount Vaca	196	485	Putnam Peak area	H-1	not on map		Eocene
4193	Mount Vaca	196	486	Putnam Peak area	H-1	not on map		Eocene
4194	Mount Vaca	196	487	Putnam Peak area	H-1	not on map		Eocene
4195	Mount Vaca	196	489	Putnam Peak area	H-1	not on map		Eocene
4196	Mount Vaca	196	490	Putnam Peak area	H-1	not on map		Eocene
4197	Mount Vaca	196	491	Putnam Peak area	H-1	not on map		Eocene
4198	Mount Vaca	196	492	Putnam Peak area	H-1	not on map		Eocene
4199	Mount Vaca	196	493	Putnam Peak area	H-1	not on map		Eocene
4200	Mount Vaca	196	494	Putnam Peak area	H-1	not on map		Eocene
4201	Mount Vaca	196	495	Putnam Peak area	H-1	not on map		Eocene
4202	Mount Vaca	196	496	Putnam Peak area	H-1	not on map		Eocene
4203	Mount Vaca	196	497	Putnam Peak area	H-1	not on map		Eocene
4204	Mount Vaca	196	498	Putnam Peak area	H-1	not on map		Eocene
4205	Mount Vaca	196	499	Putnam Peak area	H-1	not on map		Eocene
4206	Mount Vaca	196	499	Putnam Peak area	H-1	not on map		Eocene
4207	Mount Vaca	196	500	Putnam Peak area	H-1	not on map		Eocene
4208	Mount Vaca	196	561	Putnam Peak area	H-3	not on map		Eocene?
4209	Mount Vaca	196	562	Putnam Peak area	H-3	not on map		Eocene?
4210	Mount Vaca	196	563	Putnam Peak area	H-3	not on map		Eocene?
4211	Mount Vaca	196	564	Putnam Peak area	H-3	not on map		Eocene?
4212	Mount Vaca	196	565	Putnam Peak area	H-3	not on map		Eocene?
4213	Mount Vaca	196	566	Putnam Peak area	H-3	not on map		Eocene?
4214	Mount Vaca	196	567	Putnam Peak area	H-3	not on map		Eocene?
4215	Mount Vaca	196	568	Putnam Peak area	H-3	not on map		Eocene?
4216	Mount Vaca	196	569	Putnam Peak area	H-3	not on map		Eocene?
4217	Mount Vaca	196	570	Putnam Peak area	H-3	not on map		Eocene?
4218	Mount Vaca	196	571	Putnam Peak area	H-3	not on map		Eocene?

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
4219	Mount Vaca	196	572	Putnam Peak area	H-3	not on map		Eocene?
4220	Mount Vaca	196	573	Putnam Peak area	H-3	not on map		Eocene?
4221	Mount Vaca	196	574	Putnam Peak area	H-3	not on map		Eocene?
4222	Mount Vaca	196	575	Putnam Peak area	H-3	not on map		Eocene?
4223	Mount Vaca	196	576	Putnam Peak area	H-3	not on map		Eocene?
4224	Mount Vaca	196	577	Putnam Peak area	H-3	not on map		Eocene?
4225	Mount Vaca	196	578	Putnam Peak area	H-3	not on map		Eocene?
4226	Mount Vaca	196	579	Putnam Peak area	H-3	not on map		Eocene?
4227	Mount Vaca	196	580	Putnam Peak area	H-3	not on map		Eocene?
4228	Mount Vaca	196	581	Putnam Peak area	H-3	not on map		Eocene?
4229	Mount Vaca	196	582	Putnam Peak area	H-3	not on map		Eocene?
4230	Mount Vaca	196	583	Putnam Peak area	H-3	not on map		Eocene?
4231	Mount Vaca	196	584	Putnam Peak area	H-3	not on map		Eocene?
4232	Mount Vaca	196	585	Putnam Peak area	H-3	not on map		Eocene?
4233	Mount Vaca	196	586	Putnam Peak area	H-3	not on map		Eocene?
4234	Mount Vaca	196	587	Putnam Peak area	H-3	not on map		Eocene?
4235	Mount Vaca	196	588	Putnam Peak area	H-3	not on map		Eocene?
4236	Mount Vaca	196	589	Putnam Peak area	H-3	not on map		Eocene?
4237	Mount Vaca	196	590	Putnam Peak area	H-3	not on map		Eocene?
4238	Mount Vaca	196	591	Putnam Peak area	H-3	not on map		Eocene?
4239	Mount Vaca	196	592	Putnam Peak area	H-3	not on map		Eocene?
4240	Mount Vaca	196	593	Putnam Peak area	H-3	not on map		Eocene?
4241	Mount Vaca	196	594	Putnam Peak area	H-3	not on map		Eocene?
4242	Mount Vaca	196	595	Putnam Peak area	H-3	not on map		Eocene?
4243	Mount Vaca	196	596	Putnam Peak area	H-3	not on map		Eocene?
4244	Mount Vaca	196	597	Putnam Peak area	H-3	not on map		Eocene?
4245	Solvang	197	B2719	base of section	12-K	Molander Thesis	see UCB Publ	Eocene
4246	Solvang	197	2720	WC part of quad	12-K	Molander Thesis	Geol Sci v. 41	Eocene
4247	Solvang	197	2721	WC part of quad	12-K	Molander Thesis	no. 3, 1964	Eocene
4248	Solvang	197	2722	WC part of quad	12-K	Molander Thesis	Localities	Eocene
4249	Solvang	197	2723	WC part of quad	12-K	Molander Thesis	added to	Eocene
4250	Solvang	197	2724	WC part of quad	12-K	Molander Thesis	Chevron quad	Eocene
4251	Solvang	197	2725	WC part of quad	12-K	Molander Thesis	copy	Eocene
4252	Solvang	197	2726	WC part of quad	12-K	Molander Thesis		Eocene
4253	Solvang	197	2727	WC part of quad	12-K	Molander Thesis		Eocene
4254	Solvang	197	2728	WC part of quad	12-K	Molander Thesis		Eocene
4255	Solvang	197	2729	WC part of quad	12-K	Molander Thesis		Eocene
4256	Solvang	197	2730	WC part of quad	12-K	Molander Thesis		Eocene
4257	Solvang	197	2731	WC part of quad	12-K	Molander Thesis		Eocene
4258	Solvang	197	2732	WC part of quad	12-K	Molander Thesis		Eocene
4259	Solvang	197	2733	WC part of quad	12-K	Molander Thesis		Eocene
4260	Solvang	197	2734	WC part of quad	12-K	Molander Thesis		Eocene
4261	Solvang	197	2735	WC part of quad	12-K	Molander Thesis		Eocene
4262	Solvang	197	2736	WC part of quad	12-K	Molander Thesis		Eocene
4263	Solvang	197	2737	WC part of quad	12-K	Molander Thesis		Eocene
4264	Solvang	197	2738	WC part of quad	12-K	Molander Thesis		Eocene
4265	Solvang	197	2739	WC part of quad	12-K	Molander Thesis		Eocene
4266	Solvang	197	2740	WC part of quad	12-K	Molander Thesis		Eocene
4267	Solvang	197	2741	WC part of quad	12-K	Molander Thesis		Eocene
4268	Solvang	197	2742	WC part of quad	12-K	Molander Thesis		Eocene
4269	Solvang	197	2743	WC part of quad	12-K	Molander Thesis		Eocene
4270	Solvang	197	2744	WC part of quad	12-K	Molander Thesis		Eocene
4271	Solvang	197	2745	WC part of quad	12-K	Molander Thesis		Eocene
4272	Solvang	197	2746	WC part of quad	12-K	Molander Thesis		Eocene
4273	Solvang	197	2747	WC part of quad	12-K	Molander Thesis		Eocene
4274	Solvang	197	2748	WC part of quad	12-K	Molander Thesis		Eocene
4275	Solvang	197	2749	WC part of quad	12-K	Molander Thesis		Eocene
4276	Solvang	197	2750	WC part of quad	12-K	Molander Thesis		Eocene
4277	Solvang	197	2751	WC part of quad	12-K	Molander Thesis		Eocene
4278	Solvang	197	2752	WC part of quad	12-K	Molander Thesis		Eocene
4279	Solvang	197	2753	WC part of quad	12-K	Molander Thesis		Eocene
4280	Solvang	197	2754	WC part of quad	12-K	Molander Thesis		Eocene
4281	Solvang	197	2755	WC part of quad	12-K	Molander Thesis		Eocene
4282	Solvang	197	2756	top of section	12-K	Molander Thesis		Eocene
4283	Glascock Mountain?	197	A	Cache Creek	G-4	not on map	Globotruncana	Cretaceous
4284	Glascock Mountain?	197	B	Cache Creek	G-4	not on map	Globotruncana	Cretaceous
4285	Glascock Mountain?	197	C	Cache Creek	G-4	not on map	Globotruncana	Cretaceous
4286	Glascock Mountain?	197	D	Cache Creek	G-4	not on map	Globotruncana	Cretaceous
4287	Dos Pueblos Canyon	198	4	NW part of quad	no slide	1956 SEPM Field	Trip	Eocene
4288	Dos Pueblos Canyon	198	6	NW part of quad	no slide			Eocene
4289	Dos Pueblos Canyon	198	26	NW part of quad	no slide	no list of forams	mollusks	Oligocene
4290	Dos Pueblos Canyon	198	36	NW part of quad	no slide	or ages	mollusks	Oligocene
4291	Sites	198	1	not on map	G-4	Lodoga 15'	Sites section	Late Cretaceous F-2 Zone
4292	Sites	198	2	not on map	G-4	Lodoga 15'	strat column	Late Cretaceous G-1 Zone

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
4293	Sites	198	3	not on map	G-4	Lodoga 15'	and foram list	Late Cretaceous G-1 Zone
4294	Sites	198	4	not on map	G-4	Lodoga 15'		Late Cretaceous G-1 Zone
4295	Sites	198	5	not on map	G-4	Lodoga 15'		Late Cretaceous G-1 Zone
4296	Sites	198	6	not on map	G-4	Lodoga 15'		Late Cretaceous G-1 Zone
4297	Sites	198	7	not on map	G-4	Lodoga 15'		Late Cretaceous G-1 Zone
4298	Sites	198	8	not on map	G-4	Lodoga 15'		Late Cretaceous G-2 Zone
4299	Sites	198	9	not on map	G-4	Lodoga 15'		Late Cretaceous G-2 Zone
4300	Sites	198	10	not on map	G-4	Lodoga 15'		Late Cretaceous G-2 Zone
4301	Sites	198	11	not on map	G-4	Lodoga 15'		Late Cretaceous H Zone
4302	Lompoc Hills	199	slide	Anita sh	79-M	along Hwy 1		early Eocene
4303	Lompoc Hills	199	slice	Anita sh	79-M	along Hwy 1		early Eocene
4304	Lompoc Hills	199	2 (5)	Anita sh	26-K	along Hwy 1	planktics abun	early Eocene
4305	Rumsey	199	1	Salt Ck section	G-4	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
4306	Rumsey	199	2	Salt Ck section	G-4	Guinda 15'	not on map	Late Cretaceous arenaceous foraminifers
4307	Rumsey	199	3	Salt Ck section	G-4	Guinda 15'	not on map	Late Cretaceous arenaceous foraminifers
4308	Rumsey	199	4	Salt Ck section	G-4	Guinda 15'	not on map	Late Cretaceous arenaceous foraminifers
4309	Rumsey	199	5	Salt Ck section	G-4	Guinda 15'	not on map	Late Cretaceous arenaceous foraminifers
4310	Rumsey	199	6	Salt Ck section	G-4	Guinda 15'	not on map	Late Cretaceous arenaceous foraminifers
4311	Rumsey	199	7	Salt Ck section	G-4	Guinda 15'	not on map	Late Cretaceous arenaceous foraminifers
4312	Rumsey	199	8	Salt Ck section	G-4	Guinda 15'	not on map	Late Cretaceous arenaceous foraminifers
4313	Rumsey	199	9	Salt Ck section	G-4	Guinda 15'	not on map	Late Cretaceous arenaceous foraminifers
4314	Rumsey	199	10	Salt Ck section	G-4	Guinda 15'	not on map	Late Cretaceous arenaceous foraminifers
4315	Rumsey	199	11	Salt Ck section	G-4	Guinda 15'	not on map	Late Cretaceous arenaceous foraminifers
4316	Rail Canyon	200	A1	Logan Creek	G-4	Lodoga 15'	not on map	Late Cretaceous arenaceous foraminifers
4317	Rail Canyon	200	B2	Logan Creek	G-4	Lodoga 15'	not on map	Late Cretaceous arenaceous foraminifers
4318	Rail Canyon	200	C3	Logan Creek	G-4	Lodoga 15'	not on map	Late Cretaceous arenaceous foraminifers
4319	Rail Canyon	200	D4	Logan Creek	G-4	Lodoga 15'	not on map	Late Cretaceous arenaceous foraminifers
4320	Rail Canyon	200	E5	Logan Creek	G-4	Lodoga 15'	not on map	Late Cretaceous arenaceous foraminifers
4321	Stockdale Mountain	202		23/23S/13E	no slide			late Miocene?
4322	Watsonville East	203	W-15	EC part of quad	no slide		Discocyclina	Eocene
4323	Watsonville East	203	W-20	not on map	no slide	Hecker Pass Road		Oligocene Zemorrian Stage
4324	Watsonville East	203	W-25	EC part of quad	no slide			Eocene
4325	Cordelia?	206	176	Suisun Bay	F-13	Carquinez 15'	Nortonville sh	Eocene
4326	Cordelia?	206	177	Suisun Bay	F-13	Carquinez 15'	from 5 areas	Eocene
4327	Cordelia?	206	179	Suisun Bay	F-13	Carquinez 15'	N Suisun	Eocene
4328	Cordelia?	206	181	Suisun Bay	F-13	Carquinez 15'	Bay but hard	Eocene
4329	Cordelia?	206	182	Suisun Bay	F-13	Carquinez 15'	to determine	Eocene
4330	Cordelia?	206	183	Suisun Bay	F-13	Carquinez 15'	where these	Eocene
4331	Cordelia?	206	186	Suisun Bay	F-13	Carquinez 15'	are exactly	Eocene
4332	Cordelia?	206	187	Suisun Bay	F-13	Carquinez 15'	from	Eocene
4333	Cordelia?	206	189	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4334	Cordelia?	206	191	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4335	Cordelia?	206	193	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4336	Cordelia?	206	195	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4337	Cordelia?	206	196	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4338	Cordelia?	206	198	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4339	Cordelia?	206	199	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4340	Cordelia?	206	400	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4341	Cordelia?	206	404	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4342	Cordelia?	206	405	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4343	Cordelia?	206	406	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4344	Cordelia?	206	407	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4345	Cordelia?	206	408	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4346	Cordelia?	206	414	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4347	Cordelia?	206	415	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4348	Cordelia?	206	417	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4349	Cordelia?	206	418	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4350	Cordelia?	206	419	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4351	Cordelia?	206	421	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4352	Cordelia?	206	425	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4353	Cordelia?	206	426	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4354	Cordelia?	206	427	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4355	Cordelia?	206	428	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4356	Cordelia?	206	429	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4357	Cordelia?	206	431	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4358	Cordelia?	206	432	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4359	Cordelia?	206	433	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4360	Cordelia?	206	436	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4361	Cordelia?	206	437	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4362	Cordelia?	206	438	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4363	Cordelia?	206	439	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4364	Cordelia?	206	440	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4365	Cordelia?	206	441	Suisun Bay	F-13	Carquinez 15'	not on map	Late Cretaceouus
4366	Cordelia?	206	442	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene

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4367	Cordelia?	206	446	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4368	Cordelia?	206	447	Suisun Bay	F-13	Carquinez 15'	not on map	Eocene
4369	Cordelia?	206	448	Suisun Bay	F-13	Carquinez 15'	not on map	late Paleocene E Zone
4370	Cordelia?	206	slide RW	Suisun Bay	120-B	Carquinez 15'	not on map	Eocene
4371	Cordelia?	206	slide RW	Suisun Bay	120-B	Carquinez 15'	not on map	Eocene
4372	Pitas Point	207	1	Los Sauces Creek	232-J	not on map		early Miocene Saucesian? Stage
4373	Pitas Point	207	2	Los Sauces Creek	232-J	not on map		early Miocene Saucesian? Stage
4374	Pitas Point	207	3	Los Sauces Creek	232-J	not on map		early Miocene Saucesian? Stage
4375	Pitas Point	207	4	Los Sauces Creek	232-J	not on map		early Miocene Saucesian? Stage
4376	Pitas Point	207	5	Los Sauces Creek	232-J	not on map		early Miocene Saucesian? Stage
4377	Pitas Point	207	6	Los Sauces Creek	232-J	not on map		early Miocene Saucesian? Stage
4378	Pitas Point	207	7	Los Sauces Creek	232-J	not on map		early Miocene Saucesian? Stage
4379	Pitas Point	207	8	Los Sauces Creek	232-J	not on map		early Miocene Saucesian? Stage
4380	Pitas Point	207	9	Los Sauces Creek	232-J	not on map		early Miocene Saucesian? Stage
4381	Pitas Point	207	10	Los Sauces Creek	232-J	not on map		early Miocene Saucesian? Stage
4382	Pitas Point	207	11	Los Sauces Creek	232-J	not on map		early Miocene Saucesian? Stage
4383	Emigrant Hill	208	1	Wagonwheel Mtn	E-14	LSJU loc 1771		Oligocene Upper Zemorrian Stage
4384	Emigrant Hill	208	1	Wagonwheel Mtn	F-14	no number on slide		
4385	Emigrant Hill	208	2	Wagonwheel Mtn	E-14	LSJU locs		Oligocene Upper Zemorrian Stage
4386	Emigrant Hill	208	3	Wagonwheel Mtn	E-14	LSJU locs		Oligocene Upper Zemorrian Stage
4387	Emigrant Hill	208	3	Wagonwheel Mtn	F-14	no number on slide		
4388	Emigrant Hill	208	4	Wagonwheel Mtn	F014	no number on slide		
4389	Emigrant Hill	208	4	Wagonwheel Mtn	E-14	LSJU locs		Oligocene Upper Zemorrian Stage
4390	Emigrant Hill	208	5	Wagonwheel Mtn	E-14	LSJU locs		Oligocene Upper Zemorrian Stage
4391	Emigrant Hill	208	6	Wagonwheel Mtn	E-14	LSJU locs		Oligocene Upper Zemorrian Stage
4392	Emigrant Hill	208	7	Wagonwheel Mtn	E-14	LSJU locs		Oligocene Upper Zemorrian Stage
4393	Emigrant Hill	208	8	Wagonwheel Mtn	E-14	LSJU locs		Oligocene Upper Zemorrian Stage
4394	Emigrant Hill	208	9	Wagonwheel Mtn	E-14	LSJU locs		Oligocene Upper Zemorrian Stage
4395	Emigrant Hill	208	10	Wagonwheel Mtn	E-14	LSJU locs		Oligocene Upper Zemorrian Stage
4396	Van Nuys	208	1	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4397	Van Nuys	208	2	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4398	Van Nuys	208	3	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4399	Van Nuys	208	4	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4400	Van Nuys	208	5	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4401	Van Nuys	208	6	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4402	Van Nuys	208	7	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4403	Van Nuys	208	8	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4404	Van Nuys	208	9	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4405	Van Nuys	208	10	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4406	Van Nuys	208	11	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4407	Van Nuys	208	12	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4408	Van Nuys	208	13	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4409	Van Nuys	208	14	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4410	Van Nuys	208	15	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4411	Van Nuys	208	16	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4412	Van Nuys	208	17	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4413	Van Nuys	208	18	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4414	Van Nuys	208	19	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4415	Van Nuys	208	20	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4416	Van Nuys	208	21	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4417	Van Nuys	208	22	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4418	Van Nuys	208	23	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4419	Van Nuys	208	24	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4420	Van Nuys	208	25	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4421	Van Nuys	208	26	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4422	Van Nuys	208	27	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4423	Van Nuys	208	28	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4424	Van Nuys	208	29	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4425	Van Nuys	208	30	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4426	Van Nuys	208	31	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4427	Van Nuys	208	32	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4428	Van Nuys	208	33	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4429	Van Nuys	208	34	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4430	Van Nuys	208	35	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4431	Van Nuys	208	36	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4432	Van Nuys	208	37	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4433	Van Nuys	208	38	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4434	Van Nuys	208	39	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4435	Van Nuys	208	40	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4436	Van Nuys	208	41	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4437	Van Nuys	208	42	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4438	Van Nuys	208	43	SC part of quad	59-A	Benedict Canyon	Modelo Fm	Miocene
4439	Van Nuys	208	44	SC part of quad	59-A	Benedict Canyon	Modelo Fm	Miocene
4440	Van Nuys	208	45	SC part of quad	59-A	Benedict Canyon	Modelo Fm	Miocene

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4441	Van Nuys	208	46	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4442	Van Nuys	208	47	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4443	Van Nuys	208	48	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene
4444	Van Nuys	208	59	SC part of quad	59-A	Benedict Canyon	Modelo Fm	Miocene
4445	Van Nuys	208	63	SC part of quad	59-A	Benedict Canyon	Modelo Fm	Miocene
4446	Van Nuys	208	64	SC part of quad	59-A	Benedict Canyon	Modelo Fm	Miocene
4447	Van Nuys	208	68	SC part of quad	59-A	Benedict Canyon	Modelo Fm	Miocene
4448	Point Conception	209	2	Wood Canyon	38-H	strat column	abun planktics	early Miocene upper Relizian Stage
4449	Point Conception	209	3	Wood Canyon	38-H	strat column	abun planktics	early Miocene upper Relizian Stage
4450	Point Conception	209	4	Wood Canyon	38-H	strat column		early Miocene upper Relizian Stage
4451	Point Conception	209	5	Wood Canyon	38-H	strat column		early Miocene upper Relizian Stage
4452	Point Conception	209	6	Wood Canyon	38-H	strat column		early Miocene upper Relizian Stage
4453	Point Conception	209	7	Wood Canyon	38-H	strat column		early Miocene upper Relizian Stage
4454	Point Conception	209	8	Wood Canyon	38-H	strat column		early Miocene upper Relizian Stage
4455	Point Conception	209	9	Wood Canyon	38-H	strat column		early Miocene upper Relizian Stage
4456	Point Conception	209	10	Wood Canyon	38-H	strat column	com planktics	middle Miocene Luisian Stage
4457	Point Conception	209	11	Wood Canyon	38-H	strat column		middle Miocene Luisian Stage
4458	Point Conception	209	12	Wood Canyon	38-H	strat column		middle Miocene Luisian Stage
4459	Point Conception	209	13	Wood Canyon	38-H	strat column		middle Miocene Luisian Stage
4460	Point Conception	209	14	Wood Canyon	38-H	strat column	abun planktics	middle Miocene Luisian Stage
4461	Point Conception	209	15	Wood Canyon	38-H	strat column		middle Miocene Luisian Stage
4462	Point Conception	209	16	Wood Canyon	38-H	strat column		middle Miocene Luisian Stage
4463	Point Conception	209	17	Wood Canyon	38-H	strat column		middle Miocene Luisian Stage
4464	Point Conception	209	18	Wood Canyon	38-H	strat column		middle Miocene Luisian Stage
4465	Point Conception	209	19	Wood Canyon	38-H	strat column		middle Miocene Luisian Stage
4466	Point Conception	209	20	Wood Canyon	38-H	strat column		middle Miocene Luisian Stage
4467	Point Conception	209	21	Wood Canyon	38-H	strat column		middle Miocene Luisian Stage
4468	Point Conception	209	22	Wood Canyon	38-H	strat column		middle Miocene Luisian Stage
4469	Point Conception	209	23	Wood Canyon	38-H	strat column		middle Miocene Luisian Stage
4470	Point Conception	209	24	Wood Canyon	38-H	strat column		middle Miocene Luisian Stage
4471	Point Conception	209	25	Wood Canyon	38-H	strat column		middle Miocene Luisian Stage
4472	Point Conception	209	26	Wood Canyon	38-H	strat column		middle Miocene Luisian Stage
4473	Point Conception	209	27	Wood Canyon	38-H	strat column		middle and late Miocene lower Mohnian Stage
4474	Point Conception	209	28	Wood Canyon	38-H	strat column		middle and late Miocene lower Mohnian Stage
4475	Point Conception	209	29	Wood Canyon	38-H	strat column		middle and late Miocene lower Mohnian Stage
4476	Point Conception	209	30	Wood Canyon	38-H	strat column		middle and late Miocene lower Mohnian Stage
4477	Point Conception	209	31	Wood Canyon	38-H	strat column		middle and late Miocene lower Mohnian Stage
4478	Point Conception	209	32	Wood Canyon	38-H	strat column		middle and late Miocene lower Mohnian Stage
4479	Point Conception	209	33	Wood Canyon	38-H	strat column		middle and late Miocene lower Mohnian Stage
4480	Point Conception	209	34	Wood Canyon	38-H	strat column		middle and late Miocene lower Mohnian Stage
4481	Point Conception	209	35	Wood Canyon	38-H	strat column		middle and late Miocene lower Mohnian Stage
4482	Point Conception	209	36	Wood Canyon	38-H	strat column		middle and late Miocene lower Mohnian Stage
4483	Point Conception	209	37	Wood Canyon	38-H	strat column		middle and late Miocene lower Mohnian Stage
4484	Point Conception	209	38	Wood Canyon	38-H	strat column		middle and late Miocene lower Mohnian Stage
4485	Point Conception	209	39	Wood Canyon	38-H	strat column		middle and late Miocene lower Mohnian Stage
4486	Point Conception	209	40	Wood Canyon	38-H	strat column		middle and late Miocene lower Mohnian Stage
4487	Point Conception	209	41	Wood Canyon	38-H	strat column		middle and late Miocene upper Mohnian Stage
4488	Point Conception	209	42	Wood Canyon	38-H	strat column		middle and late Miocene upper Mohnian Stage
4489	Point Conception	209	43	Wood Canyon	38-H	strat column		middle and late Miocene upper Mohnian Stage
4490	Point Conception	209	44	Wood Canyon	38-H	strat column		middle and late Miocene upper Mohnian Stage
4491	Point Conception	209	45	Wood Canyon	38-H	strat column		middle and late Miocene upper Mohnian Stage
4492	Point Conception	209	46	Wood Canyon	38-H	strat column		middle and late Miocene upper Mohnian Stage
4493	Point Conception	209	47	Wood Canyon	38-H	strat column		middle and late Miocene upper Mohnian Stage
4494	Point Conception	209	48	Wood Canyon	38-H	strat column		middle and late Miocene upper Mohnian Stage
4495	Point Conception	209	49	Wood Canyon	38-H	strat column		middle and late Miocene upper Mohnian Stage
4496	Point Conception	209	49	Wood Canyon	38-H	strat column		middle and late Miocene upper Mohnian Stage
4497	Point Conception	209	50	Wood Canyon	38-H	strat column		middle and late Miocene upper Mohnian Stage
4498	Point Conception	209	51	Wood Canyon	38-H	strat column		middle and late Miocene upper Mohnian Stage
4499	Point Conception	209	52	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4500	Point Conception	209	53	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4501	Point Conception	209	54	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4502	Point Conception	209	55	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4503	Point Conception	209	56	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4504	Point Conception	209	57	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4505	Point Conception	209	58	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4506	Point Conception	209	59	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4507	Point Conception	209	60	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4508	Point Conception	209	61	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4509	Point Conception	209	62	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4510	Point Conception	209	63	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4511	Point Conception	209	64	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4512	Point Conception	209	65	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4513	Point Conception	209	66	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4514	Point Conception	209	67	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
4515	Point Conception	209	68	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4516	Point Conception	209	70	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4517	Point Conception	209	71	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4518	Point Conception	209	72	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4519	Point Conception	209	73	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4520	Point Conception	209	74	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4521	Point Conception	209	75	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4522	Point Conception	209	76	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4523	Point Conception	209	77	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4524	Point Conception	209	78	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4525	Point Conception	209	79	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4526	Point Conception	209	80	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4527	Point Conception	209	81	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4528	Point Conception	209	82	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4529	Point Conception	209	83	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4530	Point Conception	209	84	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4531	Point Conception	209	85	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4532	Point Conception	209	86	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4533	Point Conception	209	87	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4534	Point Conception	209	88	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4535	Point Conception	209	89	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4536	Point Conception	209	90	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4537	Point Conception	209	91	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4538	Point Conception	209	92	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4539	Point Conception	209	93	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4540	Point Conception	209	95	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4541	Point Conception	209	96	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4542	Point Conception	209	97	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4543	Point Conception	209	98	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4544	Point Conception	209	99	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4545	Point Conception	209	100	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4546	Point Conception	209	101	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4547	Point Conception	209	102	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4548	Point Conception	209	103	Wood Canyon	38-I	strat column		middle and late Miocene upper Mohnian Stage
4549	Antioch South	210	648	Nortonville mine	H-12	strat column	Domengine SS	Eocene
4550	Antioch South	210	649	Nortonville mine	H-12	but not on map	Domengine SS	Eocene
4551	Antioch South	210	650	Nortonville mine	H-12	15/1N/1E	Domengine SS	Eocene
4552	Antioch South	210	651	Nortonville mine	H-12	15/1N/1E	Domengine SS	Eocene
4553	Antioch South	210	652	Nortonville mine	H-12	15/1N/1E	Domengine SS	Eocene
4554	Antioch South	210	653	Nortonville mine	H-12	15/1N/1E	Domengine SS	Eocene
4555	Antioch South	210	662	S of Somersville	E-10	strat column	Martinez Fm	late Paleocene E Zone
4556	Antioch South	210	663	S of Somersville	E-10	but not on map	Martinez Fm	late Paleocene E Zone
4557	Antioch South	210	664	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4558	Antioch South	210	665	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4559	Antioch South	210	666	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4560	Antioch South	210	667	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4561	Antioch South	210	669	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4562	Antioch South	210	671	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4563	Antioch South	210	672	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4564	Antioch South	210	673	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4565	Antioch South	210	674	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4566	Antioch South	210	675	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4567	Antioch South	210	676	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4568	Antioch South	210	679	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4569	Antioch South	210	680	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4570	Antioch South	210	681	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4571	Antioch South	210	684	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4572	Antioch South	210	685	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4573	Antioch South	210	686	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4574	Antioch South	210	687	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4575	Antioch South	210	688	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4576	Antioch South	210	689	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4577	Antioch South	210	690	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4578	Antioch South	210	691	S of Somersville	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4579	Antioch South	210	703	S of Somersville	E-9	16/1N/1E	Martinez Fm	late Paleocene E Zone
4580	Antioch South	210	704	S of Somersville	E-9	16/1N/1E	Martinez Fm	late Paleocene E Zone
4581	Clayton	210	648	Nortonville site	no slide	Discocyclina abun	Domengine	Eocene
4582	Clayton	210	649	Nortonville site	no slide		Domengine	Eocene
4583	Clayton	210	650	Nortonville site	no slide		Domengine	Eocene
4584	Clayton	210	651	Nortonville site	no slide		Domengine	Eocene
4585	Clayton	210	652	Nortonville site	no slide		Domengine	Eocene
4586	Clayton	210	653	Nortonville site	no slide		Domengine	Eocene
4587	Tranquillon Mountain	210	2	El Tranquillion	118-G	Globotruncana	age from NP	Late Cretaceous
4588	Tranquillon Mountain	210	8	El Tranquillion	118-G		age from NP	Late Cretaceous

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
4589	Tranquillon Mountain	210	9	El Tranquillion	118-G		age from NP	Late Cretaceous
4590	Tranquillon Mountain	210	10	El Tranquillion	118-G		age from NP	Late Cretaceous
4591	Antioch South	211	3-21	Somersville area	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4592	Antioch South	211	44-71	Somersville area	E-10	16/1N/1E	Martinez Fm	late Paleocene E Zone
4593	Antioch South	211	34-39	Somersville area	E-10	16/1N/1E	strat column	Cretaceous arenaceous foraminifers
4594	Antioch South	211	27-30	Somersville area	E-10	16/1N/1E	strat column	Cretaceous arenaceous foraminifers
4595	Benecia	212	2	Selby section	122-J	strat columns and	Martinez Fm	late Paleocene E Zone
4596	Benecia	212	3	Selby section	122-J	detailed map.	Martinez Fm	late Paleocene E Zone
4597	Benecia	212	4	Selby section	122-J	Location is at old	Martinez Fm	late Paleocene E Zone
4598	Benecia	212	5	Selby section	122-J	Selby Smelter,	Martinez Fm	late Paleocene E Zone
4599	Benecia	212	6	Selby section	122-J	now aban or torn	Martinez Fm	late Paleocene E Zone
4600	Benecia	212	7	Selby section	122-J	down. Some	Martinez Fm	late Paleocene E Zone
4601	Benecia	212	8	Selby section	122-J	samples located	Martinez Fm	late Paleocene E Zone
4602	Benecia	212	9	Selby section	122-J	with respect to a	Martinez Fm	late Paleocene E Zone
4603	Benecia	212	10	Selby section	122-J	railroad tunnel	Martinez Fm	late Paleocene E Zone
4604	Benecia	212	11	Selby section	122-J		Martinez Fm	late Paleocene E Zone
4605	Benecia	212	12	Selby section	122-J		Martinez Fm	late Paleocene E Zone
4606	Benecia	212	13	Selby section	122-J		Martinez Fm	late Paleocene E Zone
4607	Benecia	212	14	Selby section	122-J		Martinez Fm	late Paleocene E Zone
4608	Benecia	212	15	Selby section	122-J		Martinez Fm	late Paleocene E Zone
4609	Benecia	212	16	Selby section	122-J		Martinez Fm	late Paleocene E Zone
4610	Benecia	212	17	Selby section	122-J		Martinez Fm	late Paleocene E Zone
4611	Benecia	212	18	Selby section	122-J		Martinez Fm	late Paleocene E Zone
4612	Benecia	212	19	Selby section	122-J		Martinez Fm	late Paleocene E Zone
4613	Benecia	212	20	Selby section	122-J		Martinez Fm	late Paleocene E Zone
4614	Benecia	212	21	Selby section	122-J		Martinez Fm	late Paleocene E Zone
4615	Benecia	212	24	Selby section	122-J			Cretaceous arenaceous foraminifers
4616	Benecia	212	27	Selby section	122-J			Cretaceous arenaceous foraminifers
4617	Benecia	212	28	Selby section	122-J			Cretaceous arenaceous foraminifers
4618	Benecia	212	29	Selby section	122-J			Cretaceous arenaceous foraminifers
4619	Benecia	212	30	Selby section	122-J			Cretaceous arenaceous foraminifers
4620	Benecia	212	31	Selby section	122-J			Cretaceous arenaceous foraminifers
4621	Benecia	212	32	Selby section	122-J			Cretaceous arenaceous foraminifers
4622	Benecia	212	33	Selby section	122-K			Cretaceous arenaceous foraminifers
4623	Benecia	212	34	Selby section	122-K			Cretaceous arenaceous foraminifers
4624	Benecia	212	35	Selby section	122-K			Cretaceous arenaceous foraminifers
4625	Benecia	212	36	Selby section	122-K			Cretaceous arenaceous foraminifers
4626	Benecia	212	37	Selby section	122-K			Cretaceous arenaceous foraminifers
4627	Benecia	212	38	Selby section	122-K			Cretaceous arenaceous foraminifers
4628	Benecia	212	39	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4629	Benecia	212	40	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4630	Benecia	212	41	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4631	Benecia	212	42	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4632	Benecia	212	43	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4633	Benecia	212	44	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4634	Benecia	212	45	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4635	Benecia	212	46	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4636	Benecia	212	47	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4637	Benecia	212	48	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4638	Benecia	212	49	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4639	Benecia	212	50	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4640	Benecia	212	51	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4641	Benecia	212	52	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4642	Benecia	212	53	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4643	Benecia	212	54	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4644	Benecia	212	55	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4645	Benecia	212	56	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4646	Benecia	212	57	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4647	Benecia	212	58	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4648	Benecia	212	59	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4649	Benecia	212	60	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4650	Benecia	212	61	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4651	Benecia	212	62	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4652	Benecia	212	63	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4653	Benecia	212	64	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4654	Benecia	212	65	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4655	Benecia	212	66	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4656	Benecia	212	67	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4657	Benecia	212	68	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4658	Benecia	212	69	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4659	Benecia	212	70	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4660	Benecia	212	71	Selby section	122-K		Martinez Fm	late Paleocene E Zone
4661	Benecia	212	75	Selby section	122-K			Eocene
4662	Goleta	213	1	SE of Goleta	no slide			middle Miocene Luisian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
4663	Goleta	213	2	SE of Goleta	no slide			middle Miocene Luisian Stage
4664	Goleta	213	3	SE of Goleta	no slide			middle Miocene Luisian Stage
4665	Byron Hot Springs	214	202A	Camino Diablo	F-13		Kellogg sh	Eocene
4666	Byron Hot Springs	214	202B	Camino Diablo	F-13		Kellogg sh	Eocene
4667	Byron Hot Springs	214	202C	Camino Diablo	F-13		Kellogg sh	Eocene
4668	Byron Hot Springs	214	202D	Camino Diablo	F-13		Kellogg sh	Eocene
4669	Byron Hot Springs	214	202E	Camino Diablo	F-13		Kellogg sh	Eocene
4670	Byron Hot Springs	214	202F	Camino Diablo	F-13		Kellogg sh	Eocene
4671	Byron Hot Springs	214	202G	Camino Diablo	F-13		Kellogg sh	Eocene
4672	Byron Hot Springs	214	202H	Camino Diablo	F-13		Kellogg sh	Eocene
4673	Byron Hot Springs	214	202I	Camino Diablo	F-13		Kellogg sh	Eocene
4674	Byron Hot Springs	214	202J	Camino Diablo	F-13		Kellogg sh	Eocene
4675	Byron Hot Springs	214	202K	Camino Diablo	F-13		Kellogg sh	Eocene
4676	Byron Hot Springs	214	202L	Camino Diablo	F-13		Kellogg sh	Eocene
4677	Lompoc Hills	214	1	SW part of quad	no slide			Oligocene Zemorrian or early Miocene Saucesian Stage
4678	Lompoc Hills	214	2	SW part of quad	no slide			late Eocene Refugian Stage
4679	Pitas Point	215	1	Padre Juan Canyon	40-A			Pliocene
4680	Pitas Point	215	2	Padre Juan Canyon	40-A			Pliocene
4681	Pitas Point	215	3	Padre Juan Canyon	40-A			Pliocene
4682	Pitas Point	215	4	Padre Juan Canyon	40-A			Pliocene
4683	Pitas Point	215	5	Padre Juan Canyon	40-A			Pliocene
4684	Pitas Point	215	6	Padre Juan Canyon	40-A			Pliocene
4685	Pitas Point	215	7	Padre Juan Canyon	40-A			Pliocene
4686	Pitas Point	215	8	Padre Juan Canyon	40-A			Pliocene
4687	Pitas Point	215	9	Padre Juan Canyon	40-A			Pliocene
4688	Pitas Point	215	10	Padre Juan Canyon	40-A			Pliocene
4689	Pitas Point	215	11	Padre Juan Canyon	40-A			Pliocene
4690	Pitas Point	215	12	Padre Juan Canyon	40-A			Pliocene
4691	Pitas Point	215	13	Padre Juan Canyon	40-A			Pliocene
4692	Pitas Point	215	14	Padre Juan Canyon	40-A			Pliocene
4693	Pitas Point	215	15	Padre Juan Canyon	40-A			Pliocene
4694	Pitas Point	215	16	Padre Juan Canyon	40-A			Pliocene
4695	Pitas Point	215	17	Padre Juan Canyon	40-A			Pliocene
4696	Pitas Point	215	18	Padre Juan Canyon	40-A			Pliocene
4697	Pitas Point	215	19	Padre Juan Canyon	40-A			Pliocene
4698	Pitas Point	215	20	Padre Juan Canyon	40-A			Pliocene
4699	Pitas Point	215	21	Padre Juan Canyon	40-A			Pliocene
4700	Pitas Point	215	22	Padre Juan Canyon	40-A			Pliocene
4701	Pitas Point	215	23	Padre Juan Canyon	40-A			Pliocene
4702	Pitas Point	215	24	Padre Juan Canyon	40-A			Pliocene
4703	Pitas Point	215	25	Padre Juan Canyon	40-B			Pliocene
4704	Pitas Point	215	26	Padre Juan Canyon	40-B			Pliocene
4705	Pitas Point	215	27	Padre Juan Canyon	40-B			Pliocene
4706	Pitas Point	215	28	Padre Juan Canyon	40-B			Pliocene
4707	Pitas Point	215	29	Padre Juan Canyon	40-B			Pliocene
4708	Pitas Point	215	30	Padre Juan Canyon	40-B			Pliocene
4709	Pitas Point	215	31	Padre Juan Canyon	40-B			Pliocene
4710	Pitas Point	215	32	Padre Juan Canyon	40-B			Pliocene
4711	Pitas Point	215	33	Padre Juan Canyon	40-B			Pliocene
4712	Pitas Point	215	34	Padre Juan Canyon	40-B			Pliocene
4713	Pitas Point	215	35	Padre Juan Canyon	40-B			Pliocene
4714	Pitas Point	215	36	Padre Juan Canyon	40-B			Pliocene
4715	Pitas Point	215	37	Padre Juan Canyon	40-B			Pliocene
4716	Pitas Point	215	38	Padre Juan Canyon	40-B			Pliocene
4717	Tranquillon Mountain	216	1	Canada Jolloru	29-E	strat column and	NP ages shown	middle Eocene A-2 Zone
4718	Tranquillon Mountain	216	2	Canada Jolloru	29-E	foram checklist	on strat column	middle Eocene A-2 Zone
4719	Tranquillon Mountain	216	3	Canada Jolloru	29-E			middle Eocene A-2 Zone
4720	Tranquillon Mountain	216	4	Canada Jolloru	29-E			middle Eocene A-2 Zone
4721	Tranquillon Mountain	216	5	Canada Jolloru	29-E			middle Eocene A-2 Zone
4722	Tranquillon Mountain	216	6	Canada Jolloru	29-E			middle Eocene A-2 Zone
4723	Tranquillon Mountain	216	7	Canada Jolloru	29-E			middle Eocene A-2 Zone
4724	Tranquillon Mountain	216	8	Canada Jolloru	29-E			middle Eocene A-2 Zone
4725	Tranquillon Mountain	216	9	Canada Jolloru	29-E			middle Eocene A-2 Zone
4726	Tranquillon Mountain	216	10	Canada Jolloru	29-E			middle Eocene A-2 Zone
4727	Tranquillon Mountain	216	11	Canada Jolloru	29-E			middle Eocene A-2 Zone
4728	Tranquillon Mountain	216	11A	Canada Jolloru	29-E			middle Eocene A-2 Zone
4729	Tranquillon Mountain	216	13	Canada Jolloru	29-E			middle Eocene A-2 Zone
4730	Tranquillon Mountain	216	14	Canada Jolloru	29-E			middle Eocene A-2 Zone
4731	Tranquillon Mountain	216	15	Canada Jolloru	29-E			middle Eocene A-2 Zone
4732	Tranquillon Mountain	216	16	Canada Jolloru	29-E			middle Eocene A-2 Zone
4733	Tranquillon Mountain	216	17	Canada Jolloru	29-E			middle Eocene A-2 Zone
4734	Tranquillon Mountain	216	18	Canada Jolloru	29-E			middle Eocene A-2 Zone
4735	Tranquillon Mountain	216	19	Canada Jolloru	29-E			middle Eocene A-2 Zone
4736	Tranquillon Mountain	216	20	Canada Jolloru	29-E			middle Eocene A-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
4737	Tranquillon Mountain	216	21	Canada Jolloru	29-E			middle Eocene A-2 Zone
4738	Tranquillon Mountain	216	22	Canada Jolloru	29-E			middle Eocene A-2 Zone
4739	Tranquillon Mountain	216	22A	Canada Jolloru	29-E			middle Eocene A-2 Zone
4740	Tranquillon Mountain	216	23	Canada Jolloru	29-E			middle Eocene A-2 Zone
4741	Tranquillon Mountain	216	24	Canada Jolloru	29-E			middle Eocene A-2 Zone
4742	Tranquillon Mountain	216	25	Canada Jolloru	29-E			middle Eocene A-2 Zone
4743	Tranquillon Mountain	216	26	Canada Jolloru	29-E			middle Eocene A-2 Zone
4744	Tranquillon Mountain	216	27	Canada Jolloru	29-E			middle Eocene A-2 Zone
4745	Tranquillon Mountain	216	28	Canada Jolloru	29-E			middle Eocene A-2 Zone
4746	Tranquillon Mountain	216	29	Canada Jolloru	29-E			middle Eocene A-2 Zone
4747	Tranquillon Mountain	216	30	Canada Jolloru	29-E			middle Eocene A-2 Zone
4748	Tranquillon Mountain	216	31	Canada Jolloru	29-E			middle Eocene A-2 Zone
4749	Tranquillon Mountain	216	32	Canada Jolloru	29-E			middle Eocene A-2 Zone
4750	Tranquillon Mountain	216	33	Canada Jolloru	29-E			middle Eocene A-1 Zone
4751	Tranquillon Mountain	216	34	Canada Jolloru	29-E			middle Eocene A-1 Zone
4752	Tranquillon Mountain	216	35	Canada Jolloru	29-E			middle Eocene A-1 Zone
4753	Tranquillon Mountain	216	36	Canada Jolloru	29-E			middle Eocene A-1 Zone
4754	Tranquillon Mountain	216	37	Canada Jolloru	29-E			middle Eocene A-1 Zone
4755	Tranquillon Mountain	216	38	Canada Jolloru	29-E			middle Eocene A-1 Zone
4756	Tranquillon Mountain	216	39	Canada Jolloru	29-E			middle Eocene A-1 Zone
4757	Tranquillon Mountain	216	40	Canada Jolloru	29-E			middle Eocene A-1 Zone
4758	Tranquillon Mountain	216	41	Canada Jolloru	29-E			middle Eocene A-1 Zone
4759	Tranquillon Mountain	216	42	Canada Jolloru	29-E			middle Eocene A-1 Zone
4760	Tranquillon Mountain	216	43	Canada Jolloru	29-E			middle Eocene A-1 Zone
4761	Tranquillon Mountain	216	43A	Canada Jolloru	29-E			middle Eocene A-1 Zone
4762	Tranquillon Mountain	216	45	Canada Jolloru	29-E			middle Eocene A-1 Zone
4763	Tranquillon Mountain	216	46	Canada Jolloru	29-E			middle Eocene A-1 Zone
4764	Tranquillon Mountain	216	47	Canada Jolloru	29-E			middle Eocene A-1 Zone
4765	Tranquillon Mountain	216	48	Canada Jolloru	29-E			middle Eocene A-1 Zone
4766	Tranquillon Mountain	216	49	Canada Jolloru	29-E			middle Eocene A-1 Zone
4767	Tranquillon Mountain	216	50	Canada Jolloru	29-E			middle Eocene A-1 Zone
4768	Tranquillon Mountain	216	51	Canada Jolloru	36-J			middle Eocene A-1 Zone
4769	Tranquillon Mountain	216	53	Canada Jolloru	36-J			middle Eocene A-1 Zone
4770	Tranquillon Mountain	216	54	Canada Jolloru	36-J			middle Eocene A-1 Zone
4771	Tranquillon Mountain	216	55	Canada Jolloru	36-J			middle Eocene A-1 Zone
4772	Tranquillon Mountain	216	56	Canada Jolloru	36-J			middle Eocene A-1 Zone
4773	Tranquillon Mountain	216	56A	Canada Jolloru	36-J			middle Eocene A-1 Zone
4774	Tranquillon Mountain	216	57	Canada Jolloru	36-J			middle Eocene A-1 Zone
4775	Tranquillon Mountain	216	60	Canada Jolloru	36-J			late Eocene
4776	Tranquillon Mountain?	216	slide1	picked slide	74-C			assemblage slide
4777	Tranquillon Mountain?	216	slide 2	picked slide	74-C			assemblage slide
4778	Tranquillon Mountain?	216	slide 3	picked slide	74-C			assemblage slide
4779	Tranquillon Mountain?	216	1	Santa Maria	68-G	duplicates?		see locality 216 set above
4780	Tranquillon Mountain?	216	2	Santa Maria	68-G	duplicates?		see locality 216 set above
4781	Tranquillon Mountain?	216	3	Santa Maria	68-G	duplicates?		see locality 216 set above
4782	Tranquillon Mountain?	216	4	Santa Maria	68-G	duplicates?		see locality 216 set above
4783	Tranquillon Mountain?	216	5	Santa Maria	68-G	duplicates?		see locality 216 set above
4784	Tranquillon Mountain?	216	6	Santa Maria	68-G	duplicates?		see locality 216 set above
4785	Tranquillon Mountain?	216	6.5	Santa Maria	68-G	duplicates?		see locality 216 set above
4786	Tranquillon Mountain?	216	7	Santa Maria	68-G	duplicates?		see locality 216 set above
4787	Tranquillon Mountain?	216	8	Santa Maria	68-G	duplicates?		see locality 216 set above
4788	Tranquillon Mountain?	216	9	Santa Maria	68-G	duplicates?		see locality 216 set above
4789	Tranquillon Mountain?	216	10	Santa Maria	68-F	duplicates?		see locality 216 set above
4790	Tranquillon Mountain?	216	11	Santa Maria	68-F	duplicates?		see locality 216 set above
4791	Tranquillon Mountain?	216	12	Santa Maria	68-F	duplicates?		see locality 216 set above
4792	Tranquillon Mountain?	216	13	Santa Maria	68-F	duplicates?		see locality 216 set above
4793	Tranquillon Mountain?	216	14	Santa Maria	68-F	duplicates?		see locality 216 set above
4794	Tranquillon Mountain?	216	15	Santa Maria	68-F	duplicates?		see locality 216 set above
4795	Tranquillon Mountain?	216	16	Santa Maria	68-F	duplicates?		see locality 216 set above
4796	Tranquillon Mountain?	216	17	Santa Maria	68-F	duplicates?		see locality 216 set above
4797	Tranquillon Mountain?	216	18	Santa Maria	68-F	duplicates?		see locality 216 set above
4798	Tranquillon Mountain?	216	19	Santa Maria	68-F	duplicates?		see locality 216 set above
4799	Tranquillon Mountain?	216	20	Santa Maria	68-F	duplicates?		see locality 216 set above
4800	Tranquillon Mountain?	216	21	Santa Maria	68-F	duplicates?		see locality 216 set above
4801	Tranquillon Mountain?	216	22	Santa Maria	68-F	duplicates?		see locality 216 set above
4802	Tranquillon Mountain?	216	22A	Santa Maria	68-F	duplicates?		see locality 216 set above
4803	Tranquillon Mountain?	216	23	Santa Maria	68-F	duplicates?		see locality 216 set above
4804	Tranquillon Mountain?	216	24	Santa Maria	68-F	duplicates?		see locality 216 set above
4805	Tranquillon Mountain?	216	25	Santa Maria	68-F	duplicates?		see locality 216 set above
4806	Tranquillon Mountain?	216	26	Santa Maria	68-F	duplicates?		see locality 216 set above
4807	Tranquillon Mountain?	216	27	Santa Maria	68-F	duplicates?		see locality 216 set above
4808	Tranquillon Mountain?	216	28	Santa Maria	68-F	duplicates?		see locality 216 set above
4809	Tranquillon Mountain?	216	29	Santa Maria	68-F	duplicates?		see locality 216 set above
4810	Tranquillon Mountain?	216	30	Santa Maria	68-F	duplicates?		see locality 216 set above

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
4811	Tranquillon Mountain?	216	31	Santa Maria	68-F	duplicates?		see locality 216 set above
4812	Tranquillon Mountain?	216	32	Santa Maria	68-F	duplicates?		see locality 216 set above
4813	Tranquillon Mountain?	216	33	Santa Maria	68-F	duplicates?		see locality 216 set above
4814	Tranquillon Mountain?	216	34	Santa Maria	68-F	duplicates?		see locality 216 set above
4815	Tranquillon Mountain?	216	35	Santa Maria	68-F	duplicates?		see locality 216 set above
4816	Tranquillon Mountain?	216	36	Santa Maria	68-F	duplicates?		see locality 216 set above
4817	Tranquillon Mountain?	216	37	Santa Maria	68-F	duplicates?		see locality 216 set above
4818	Tranquillon Mountain?	216	38	Santa Maria	68-F	duplicates?		see locality 216 set above
4819	Tranquillon Mountain?	216	39	Santa Maria	68-F	duplicates?		see locality 216 set above
4820	Tranquillon Mountain?	216	40	Santa Maria	68-F	duplicates?		see locality 216 set above
4821	Tranquillon Mountain?	216	41	Santa Maria	68-F	duplicates?		see locality 216 set above
4822	Tranquillon Mountain?	216	42	Santa Maria	68-F	duplicates?		see locality 216 set above
4823	Tranquillon Mountain?	216	43	Santa Maria	68-F	duplicates?		see locality 216 set above
4824	Tranquillon Mountain?	216	43A	Santa Maria	68-F	duplicates?		see locality 216 set above
4825	Tranquillon Mountain?	216	45	Santa Maria	68-F	duplicates?		see locality 216 set above
4826	Tranquillon Mountain?	216	46	Santa Maria	68-F	duplicates?		see locality 216 set above
4827	Tranquillon Mountain?	216	47	Santa Maria	68-F	duplicates?		see locality 216 set above
4828	Tranquillon Mountain?	216	48	Santa Maria	68-F	duplicates?		see locality 216 set above
4829	Tranquillon Mountain?	216	49	Santa Maria	68-F	duplicates?		see locality 216 set above
4830	Tranquillon Mountain?	216	50	Santa Maria	68-F	duplicates?		see locality 216 set above
4831	Tranquillon Mountain?	216	51	Santa Maria	68-F	duplicates?		see locality 216 set above
4832	Tranquillon Mountain?	216	52	Santa Maria	68-F	duplicates?		see locality 216 set above
4833	Tranquillon Mountain?	216	53	Santa Maria	68-F	duplicates?		see locality 216 set above
4834	Tranquillon Mountain?	216	54	Santa Maria	68-F	duplicates?		see locality 216 set above
4835	Tranquillon Mountain?	216	55	Santa Maria	68-F	duplicates?		see locality 216 set above
4836	Tranquillon Mountain?	216	56	Santa Maria	68-F	duplicates?		see locality 216 set above
4837	Tranquillon Mountain?	216	56A	Santa Maria	68-F	duplicates?		see locality 216 set above
4838	Tranquillon Mountain?	216	57	Santa Maria	68-F	duplicates?		see locality 216 set above
4839	Tranquillon Mountain?	216	60	Santa Maria	68-F	duplicates?		see locality 216 set above
4840	Lillis Ranch	217	7-1	Hondo Creek Road	22-M	not on map	9/17S/14E	Eocene
4841	Lillis Ranch	217	7-2	Hondo Creek Road	22-M	not on map	9/17S/14E	Eocene
4842	Lillis Ranch	217	7-3	Hondo Creek Road	22-M	not on map	9/17S/14E	Eocene
4843	Lillis Ranch	217	7-4	Hondo Creek Road	22-M	not on map	9/17S/14E	Eocene
4844	Lillis Ranch	217	7-5	Hondo Creek Road	22-M	not on map	9/17S/14E	Eocene
4845	Lillis Ranch	217	7-6	Hondo Creek Road	22-M	not on map	9/17S/14E	Eocene
4846	Lillis Ranch	217	7-7	Hondo Creek Road	22-M	not on map	9/17S/14E	Eocene
4847	Lillis Ranch	217	7-8	Hondo Creek Road	22-M	not on map	9/17S/14E	Eocene
4848	Lillis Ranch	217	7-9	Hondo Creek Road	22-M	not on map	9/17S/14E	Eocene
4849	Tranquillon Mountain	217	1	Canada Honda	14-G	strat column		late Eocene Refugian Stage (age based on NP)
4850	Tranquillon Mountain	217	2	Canada Honda	14-G	strat column		late Eocene Refugian Stage (age based on NP)
4851	Tranquillon Mountain	217	3	Canada Honda	14-G	strat column		late Eocene Refugian Stage (age based on NP)
4852	Tranquillon Mountain	217	4	Canada Honda	14-G	strat column		late Eocene Refugian Stage (age based on NP)
4853	Tranquillon Mountain	217	5	Canada Honda	14-G	strat column		late Eocene Refugian Stage (age based on NP)
4854	Tranquillon Mountain	217	6	Canada Honda	14-G	strat column		late Eocene Refugian Stage (age based on NP)
4855	Tranquillon Mountain	217	7	Canada Honda	14-G	strat column		late Eocene Refugian Stage (age based on NP)
4856	Tranquillon Mountain	217	8	Canada Honda	14-G	strat column	base of section	late Eocene Refugian Stage (age based on NP)
4857	Gaviota	221	158	Arroyo Hondo	60-E	strat column	Not sure where	Eocene
4858	Gaviota	221	159	Arroyo Hondo	60-E	strat column	quad break is	Eocene
4859	Gaviota	221	160	Arroyo Hondo	60-E	strat column	in section	Eocene
4860	Gaviota	221	167	Arroyo Hondo	60-E	strat column		Eocene
4861	Gaviota	221	188	Arroyo Hondo	60-E	strat column		Eocene
4862	Gaviota	221	192	Arroyo Hondo	60-E	strat column		Eocene
4863	Gaviota	221	193	Arroyo Hondo	60-E	strat column		Eocene
4864	Gaviota	221	194	Arroyo Hondo	60-E	strat column		Eocene
4865	Gaviota	221	196	Arroyo Hondo	60-E	strat column		Eocene
4866	Gaviota	221	198	Arroyo Hondo	60-E	strat column		Eocene
4867	Gaviota	221	200	Arroyo Hondo	60-E	strat column		Eocene
4868	Gaviota	221	201	Arroyo Hondo	60-E	strat column		Eocene
4869	Gaviota	221	203	Arroyo Hondo	60-E	strat column		Eocene
4870	Gaviota	221	204	Arroyo Hondo	60-E	strat column		Eocene
4871	Gaviota	221	206	Arroyo Hondo	60-E	strat column		Eocene
4872	Gaviota	221	207	Arroyo Hondo	60-E	strat column		Eocene
4873	Gaviota	221	214	Arroyo Hondo	60-E	strat column		Eocene
4874	Gaviota	221	215	Arroyo Hondo	60-E	strat column		Eocene
4875	Gaviota	221	216	Arroyo Hondo	60-E	strat column		Eocene
4876	Gaviota	221	217	Arroyo Hondo	60-E	strat column		Eocene
4877	Gaviota	221	219	Arroyo Hondo	60-E	strat column		Eocene
4878	Gaviota	221	230	Arroyo Hondo	60-E	strat column		Eocene
4879	Gaviota	221	231	Arroyo Hondo	60-F	strat column		Eocene
4880	Gaviota	221	232	Arroyo Hondo	60-F	strat column		Eocene
4881	Gaviota	221	238	Arroyo Hondo	60-F	strat column		Eocene
4882	Gaviota	221	239	Arroyo Hondo	60-F	strat column		Eocene
4883	Gaviota	221	240	Arroyo Hondo	60-F	strat column		Eocene
4884	Gaviota	221	241	Arroyo Hondo	60-F	strat column		Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
4885	Gaviota	221	242	Arroyo Hondo	60-F	strat column		Eocene
4886	Gaviota	221	243	Arroyo Hondo	60-F	strat column		Eocene
4887	Gaviota	221	245	Arroyo Hondo	60-F	strat column		Eocene
4888	Gaviota	221	247	Arroyo Hondo	60-F	strat column		Eocene
4889	Gaviota	221	249	Arroyo Hondo	60-F	strat column		Eocene
4890	Gaviota	221	252	Arroyo Hondo	60-F	strat column		Eocene
4891	Gaviota	221	253	Arroyo Hondo	60-F	strat column		Eocene
4892	Gaviota	221	255	Arroyo Hondo	60-F	strat column		Eocene
4893	Gaviota	221	256	Arroyo Hondo	60-F	strat column		Eocene
4894	Gaviota	221	257	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4895	Gaviota	221	259	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4896	Gaviota	221	260	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4897	Gaviota	221	262	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4898	Gaviota	221	263	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4899	Gaviota	221	338	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4900	Gaviota	221	338	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4901	Gaviota	221	340	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4902	Gaviota	221	341	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4903	Gaviota	221	342	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4904	Gaviota	221	343	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4905	Gaviota	221	344	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4906	Gaviota	221	345	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4907	Gaviota	221	346	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4908	Gaviota	221	347	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4909	Gaviota	221	348	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4910	Gaviota	221	349	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4911	Gaviota	221	350	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4912	Gaviota	221	351	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4913	Gaviota	221	352	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4914	Gaviota	221	353	Arroyo Hondo	60-F	strat column		late Eocene Refugian Stage
4915	Gaviota	221	446	Arroyo Hondo	60-E		Sespe	nonmarine
4916	Gaviota	221	483	Arroyo Hondo	60-E		Sespe	nonmarine
4917	Gaviota	221	484	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4918	Gaviota	221	485	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4919	Gaviota	221	486	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4920	Gaviota	221	487	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4921	Gaviota	221	488	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4922	Gaviota	221	489	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4923	Gaviota	221	492	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4924	Gaviota	221	493	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4925	Gaviota	221	494	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4926	Gaviota	221	496	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4927	Gaviota	221	497	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4928	Gaviota	221	498	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4929	Gaviota	221	504	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4930	Gaviota	221	505	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4931	Gaviota	221	509	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4932	Gaviota	221	511	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4933	Gaviota	221	519	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4934	Gaviota	221	520	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4935	Gaviota	221	528	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4936	Gaviota	221	530	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4937	Gaviota	221	531	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4938	Gaviota	221	532	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4939	Gaviota	221	533	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4940	Gaviota	221	534	Arroyo Hondo	60-E			Oligocene Zemorrian Stage
4941	Santa Ynez	221	63	W of Refugio Pass	60-D	Los Olivos 15'	strat column	Eocene
4942	Santa Ynez	221	69	W of Refugio Pass	60-D	Los Olivos 15'	strat column	Eocene
4943	Santa Ynez	221	72	W of Refugio Pass	60-D	Los Olivos 15'	strat column	Eocene
4944	Santa Ynez	221	77	W of Refugio Pass	60-D	Los Olivos 15'	strat column	Eocene
4945	Santa Ynez	221	82	W of Refugio Pass	60-D	Los Olivos 15'	strat column	Eocene
4946	Santa Ynez	221	83	W of Refugio Pass	60-D	Los Olivos 15'	Locations from	Eocene
4947	Santa Ynez	221	84	W of Refugio Pass	60-D	Los Olivos 15'	index map in	Eocene
4948	Santa Ynez	221	87	W of Refugio Pass	60-D	Los Olivos 15'	paleo report.	Eocene
4949	Santa Ynez	221	91	W of Refugio Pass	60-D	Los Olivos 15'	Must change	Eocene
4950	Santa Ynez	221	92	W of Refugio Pass	60-D	Los Olivos 15'	field numbers	Eocene
4951	Santa Ynez	221	93	W of Refugio Pass	60-D	Los Olivos 15'	to paleo slide	Eocene
4952	Santa Ynez	221	94	W of Refugio Pass	60-D	Los Olivos 15'	numbers.	Eocene
4953	Santa Ynez	221	95	W of Refugio Pass	60-D	Los Olivos 15'	strat column	Eocene
4954	Santa Ynez	221	96	W of Refugio Pass	60-D	Los Olivos 15'	strat column	Eocene
4955	Santa Ynez	221	97	W of Refugio Pass	60-D	Los Olivos 15'	strat column	Eocene
4956	Santa Ynez	221	98	W of Refugio Pass	60-D	Los Olivos 15'	strat column	Eocene
4957	Santa Ynez	221	99	W of Refugio Pass	60-D	Los Olivos 15'	strat column	Eocene
4958	Santa Ynez	221	100	W of Refugio Pass	60-D	Los Olivos 15'	strat column	Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
4959	Santa Ynez	221	103	W of Refugio Pass	60-D	Los Olivos 15'	strat column	Eocene
4960	Santa Ynez	221	104	N of Refugio Pass	60-D	Los Olivos 15'	strat column	Eocene
4961	Santa Ynez	221	106	N of Refugio Pass	60-D	Los Olivos 15'	strat column	Eocene
4962	Santa Ynez	221	107	N of Refugio Pass	60-D	Los Olivos 15'	strat column	Eocene
4963	Santa Ynez	221	108	N of Refugio Pass	60-D	Los Olivos 15'	strat column	Eocene
4964	Santa Ynez	221	109	N of Refugio Pass	60-D	Los Olivos 15'	strat column	Eocene
4965	Santa Ynez	221	110	N of Refugio Pass	60-D	Los Olivos 15'	strat column	Eocene
4966	Santa Ynez	221	111	N of Refugio Pass	60-D	Los Olivos 15'	strat column	Eocene
4967	Santa Ynez	221	118	N of Refugio Pass	60-E	Los Olivos 15'	strat column	Eocene
4968	Santa Ynez	221	119	N of Refugio Pass	60-E	Los Olivos 15'	strat column	Eocene
4969	Santa Ynez	221	120	N of Refugio Pass	60-E	Los Olivos 15'	strat column	Eocene
4970	Santa Ynez	221	124	N of Refugio Pass	60-E	Los Olivos 15'	strat column	Eocene
4971	Santa Ynez	221	126	N of Refugio Pass	60-E	Los Olivos 15'	strat column	Eocene
4972	Santa Ynez	221	127	N of Refugio Pass	60-E	Los Olivos 15'	strat column	Eocene
4973	Santa Ynez	221	129	N of Refugio Pass	60-E	Los Olivos 15'	strat column	Eocene
4974	Santa Ynez	221	131	N of Refugio Pass	60-E	Los Olivos 15'	strat column	Eocene
4975	Santa Ynez	221	132	N of Refugio Pass	60-E	Los Olivos 15'	strat column	Eocene
4976	Santa Ynez	221	133	N of Refugio Pass	60-E	Los Olivos 15'	strat column	Eocene
4977	Santa Ynez	221	354	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4978	Santa Ynez	221	355	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4979	Santa Ynez	221	356	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4980	Santa Ynez	221	357	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4981	Santa Ynez	221	358	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4982	Santa Ynez	221	359	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4983	Santa Ynez	221	360	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4984	Santa Ynez	221	361	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4985	Santa Ynez	221	362	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4986	Santa Ynez	221	363	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4987	Santa Ynez	221	364	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4988	Santa Ynez	221	365	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4989	Santa Ynez	221	366	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4990	Santa Ynez	221	367	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4991	Santa Ynez	221	368	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4992	Santa Ynez	221	369	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4993	Santa Ynez	221	370	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4994	Santa Ynez	221	371	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4995	Santa Ynez	221	372	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4996	Santa Ynez	221	373	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4997	Santa Ynez	221	374	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4998	Santa Ynez	221	375	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
4999	Santa Ynez	221	376	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5000	Santa Ynez	221	377	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5001	Santa Ynez	221	378	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5002	Santa Ynez	221	379	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5003	Santa Ynez	221	380	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5004	Santa Ynez	221	381	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5005	Santa Ynez	221	382	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5006	Santa Ynez	221	383	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5007	Santa Ynez	221	384	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5008	Santa Ynez	221	385	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5009	Santa Ynez	221	386	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5010	Santa Ynez	221	390	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5011	Santa Ynez	221	405	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5012	Santa Ynez	221	406	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5013	Santa Ynez	221	407	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5014	Santa Ynez	221	408	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5015	Santa Ynez	221	411	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5016	Santa Ynez	221	412	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5017	Santa Ynez	221	413	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5018	Santa Ynez	221	414	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5019	Santa Ynez	221	415	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5020	Santa Ynez	221	416	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5021	Santa Ynez	221	417	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5022	Santa Ynez	221	422	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5023	Santa Ynez	221	423	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5024	Santa Ynez	221	425	Arroyo Hondo	60-E	Los Olivos 15'	strat column	late Eocene Refugian Stage
5025	Solvang	221	1	Alisal Ranch	60-E	base of section		Eocene
5026	Solvang	221	36	Alisal Ranch	60-E			Eocene
5027	Solvang	221	135	Arroyo Hondo	60-E	strat column		Eocene
5028	Solvang	221	136	Arroyo Hondo	60-E	strat column		Eocene
5029	Solvang	221	139	Arroyo Hondo	60-E	strat column		Eocene
5030	Solvang	221	140	Arroyo Hondo	60-E	strat column		Eocene
5031	Solvang	221	141	Arroyo Hondo	60-E	strat column		Eocene
5032	Pitas Point	222	1	Los Sauces Creek	40-B			Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
5033	Pitas Point	222	2	Los Sauces Creek	40-B			Pliocene
5034	Pitas Point	222	3	Los Sauces Creek	40-B			Pliocene
5035	Pitas Point	222	4	Los Sauces Creek	40-B			Pliocene
5036	Pitas Point	222	5	Los Sauces Creek	40-B			Pliocene
5037	Pitas Point	222	6	Los Sauces Creek	40-B			Pliocene
5038	Pitas Point	222	7	Los Sauces Creek	40-B			Pliocene
5039	Pitas Point	222	8	Los Sauces Creek	40-B			Pliocene
5040	Pitas Point	222	9	Los Sauces Creek	40-B			Pliocene
5041	Pitas Point	222	10	Los Sauces Creek	40-B			Pliocene
5042	Pitas Point	222	11	Los Sauces Creek	40-B			Pliocene
5043	Pitas Point	222	12	Los Sauces Creek	40-B			Pliocene
5044	Pitas Point	222	13	Los Sauces Creek	40-B			Pliocene
5045	Pitas Point	222	14	Los Sauces Creek	40-B			Pliocene
5046	Pitas Point	222	15	Los Sauces Creek	40-B			Pliocene
5047	Pitas Point	222	16	Los Sauces Creek	40-B			Pliocene
5048	Pitas Point	222	17	Los Sauces Creek	40-B			Pliocene
5049	Pitas Point	222	18	Los Sauces Creek	40-B			Pliocene
5050	Pitas Point	222	19	Los Sauces Creek	40-B			Pliocene
5051	Pitas Point	222	20	Los Sauces Creek	40-B			Pliocene
5052	Pitas Point	222	21	Los Sauces Creek	40-B			Pliocene
5053	Pitas Point	222	22	Los Sauces Creek	40-B			Pliocene
5054	Pitas Point	222	23	Los Sauces Creek	40-B			Pliocene
5055	Pitas Point	222	24	Los Sauces Creek	40-B			Pliocene
5056	Pitas Point	222	25	Los Sauces Creek	40-B			Pliocene
5057	Pitas Point	222	26	Los Sauces Creek	40-B			Pliocene
5058	Pitas Point	222	27	Los Sauces Creek	40-B			Pliocene
5059	Pitas Point	222	27A	Los Sauces Creek	40-B			Pliocene
5060	Pitas Point	222	28	Los Sauces Creek	40-B			Pliocene
5061	Pitas Point	222	29	Los Sauces Creek	40-B			Pliocene
5062	Pitas Point	222	30	Los Sauces Creek	40-B			Pliocene
5063	Pitas Point	222	31	Los Sauces Creek	40-B			Pliocene
5064	Pitas Point	222	32	Los Sauces Creek	40-B			Pliocene
5065	Pitas Point	222	33	Los Sauces Creek	40-B			Pliocene
5066	Pitas Point	222	34	Los Sauces Creek	40-B			Pliocene
5067	Pitas Point	222	35	Los Sauces Creek	40-B			Pliocene
5068	Pitas Point	222	36	Los Sauces Creek	40-B			Pliocene
5069	Pitas Point	222	37	Los Sauces Creek	40-B			Pliocene
5070	Pitas Point	222	39	Los Sauces Creek	40-B			Pliocene
5071	Pitas Point	222	40	Los Sauces Creek	40-C			Pliocene
5072	Pitas Point	222	41	Los Sauces Creek	40-C			Pliocene
5073	Pitas Point	222	42	Los Sauces Creek	40-C			Pliocene
5074	Pitas Point	222	43	Los Sauces Creek	40-C			Pliocene
5075	Pitas Point	222	44	Los Sauces Creek	40-C			Pliocene
5076	Pitas Point	222	45	Los Sauces Creek	40-C			Pliocene
5077	Pitas Point	222	46	Los Sauces Creek	40-C			Pliocene
5078	Pitas Point	222	47	Los Sauces Creek	40-C			Pliocene
5079	Pitas Point	222	48	Los Sauces Creek	40-C			Pliocene
5080	Pitas Point	222	49	Los Sauces Creek	40-C			Pliocene
5081	Pitas Point	222	50	Los Sauces Creek	40-C			Pliocene
5082	Pitas Point	222	51	Los Sauces Creek	40-C			Pliocene
5083	Pitas Point	222	52	Los Sauces Creek	40-C			Pliocene
5084	Pitas Point	222	53	Los Sauces Creek	40-C			Pliocene
5085	Pitas Point	222	54	Los Sauces Creek	40-C			Pliocene
5086	Pitas Point	222	55	Los Sauces Creek	40-C			Pliocene
5087	Pitas Point	222	56	Los Sauces Creek	40-C			Pliocene
5088	Pitas Point	222	58	Los Sauces Creek	40-C			Pliocene
5089	Pitas Point	222	59	Los Sauces Creek	40-C			Pliocene
5090	Pitas Point	222	60	Los Sauces Creek	40-C			Pliocene
5091	Pitas Point	222	61	Los Sauces Creek	40-C			Pliocene
5092	Pitas Point	222	62	Los Sauces Creek	40-C			Pliocene
5093	Pitas Point	222	63	Los Sauces Creek	40-C			Pliocene
5094	Pitas Point	222	64	Los Sauces Creek	40-C			Pliocene
5095	Pitas Point	222	65	Los Sauces Creek	40-C			Pliocene
5096	Pitas Point	222	66	Los Sauces Creek	40-C			Pliocene
5097	Pitas Point	222	67	Los Sauces Creek	40-C			Pliocene
5098	Pitas Point	222	68	Los Sauces Creek	40-C			Pliocene
5099	Pitas Point	222	69	Los Sauces Creek	40-C			Pliocene
5100	Pitas Point	222	70	Los Sauces Creek	40-C			Pliocene
5101	Pitas Point	222	71	Los Sauces Creek	40-C			Pliocene
5102	Pitas Point	222	72	Los Sauces Creek	40-C			Pliocene
5103	Pitas Point	222	73	Los Sauces Creek	40-C			Pliocene
5104	Pitas Point	222	74	Los Sauces Creek	40-C			Pliocene
5105	Pitas Point	222	75	Los Sauces Creek	40-C			Pliocene
5106	Pitas Point	222	76	Los Sauces Creek	40-C			Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
5107	Pitas Point	222	77	Los Sauces Creek	40-C			Pliocene
5108	Pitas Point	222	78	Los Sauces Creek	40-C			Pliocene
5109	Pitas Point	222	79	Los Sauces Creek	40-C			Pliocene
5110	Benecia	223	127	SE part of quad	F-5	Pinole anticline	not on map	Late Cretaceous or Paleocene
5111	Benecia	223	131	SE part of quad	F-5	Pinole anticline	not on map	Eocene
5112	Benecia	223	132	SE part of quad	F-5	Pinole anticline	not on map	Eocene
5113	Benecia	223	133	SE part of quad	F-5	Pinole anticline	not on map	Eocene
5114	Benecia	223	175	SE part of quad	F-6	Pinole anticline	not on map	probably Paleocene
5115	Benecia	223	179	SE part of quad	F-6	Pinole anticline	not on map	probably Paleocene
5116	Benecia	223	181	SE part of quad	F-6	Pinole anticline	not on map	Paleocene
5117	Benecia	223	200	Selby	F-6		not on map	late Paleocene E Zone
5118	Benecia	223	282	SC part of quad	F-6		not on map	Cretaceous arenaceous foraminifers
5119	Briones Valley	223	48	NW part of quad	F-4	Pinole anticline		Paleocene
5120	Briones Valley	223	49	NW part of quad	F-4	Pinole anticline		Paleocene
5121	Briones Valley	223	50	NW part of quad	F-4	Pinole anticline		Paleocene
5122	Briones Valley	223	75	NW part of quad	F-4	Pinole anticline		Eocene
5123	Briones Valley	223	76	NW part of quad	F-4	Pinole anticline		Eocene
5124	Briones Valley	223	78	NW part of quad	F-4	Pinole anticline		Eocene
5125	Briones Valley	223	79	NW part of quad	F-4	Pinole anticline		Eocene
5126	Briones Valley	223	80	NW part of quad	F-4	Pinole anticline		Eocene
5127	Briones Valley	223	81	NW part of quad	F-5	Pinole anticline		Eocene
5128	Briones Valley	223	82	NW part of quad	F-5	Pinole anticline		Paleocene?
5129	Briones Valley	223	83	NW part of quad	F-5	Pinole anticline		Paleocene?
5130	Briones Valley	223	84	NW part of quad	F-5	Pinole anticline		Paleocene?
5131	Briones Valley	223	85	NE part of quad	F-5	Pinole anticline	near Muir	Eocene
5132	Briones Valley	223	86	NW part of quad	F-5	Pinole anticline		middle Miocene
5133	Briones Valley	223	87	NW part of quad	F-5	Pinole anticline		Miocene
5134	Briones Valley	223	96	NW part of quad	F-5	Pinole anticline		Paleocene?
5135	Briones Valley	223	97	NW part of quad	F-5	Pinole anticline		Eocene
5136	Briones Valley	223	100	NW part of quad	F-5	Pinole anticline		Eocene
5137	Briones Valley	223	101	NW part of quad	F-5	Pinole anticline		Eocene
5138	Briones Valley	223	102	NW part of quad	F-5	Pinole anticline		Eocene
5139	Briones Valley	223	103	NW part of quad	F-5	Pinole anticline		Eocene
5140	Briones Valley	223	105	NW part of quad	F-5	Pinole anticline		Eocene
5141	Briones Valley	223	106	NW part of quad	F-5	Pinole anticline		Eocene
5142	Briones Valley	223	107	NW part of quad	F-5	Pinole anticline		Eocene
5143	Briones Valley	223	108	NW part of quad	F-5	Pinole anticline		Eocene
5144	Briones Valley	223	109	NW part of quad	F-5	Pinole anticline		Eocene
5145	Briones Valley	223	110	NW part of quad	F-5	Pinole anticline		Eocene
5146	Briones Valley	223	111	NW part of quad	F-5	Pinole anticline		Eocene
5147	Briones Valley	223	112	NW part of quad	F-5	Pinole anticline		Eocene
5148	Briones Valley	223	113	NW part of quad	F-5	Pinole anticline		Eocene
5149	Briones Valley	223	114	NW part of quad	F-5	Pinole anticline		Eocene
5150	Briones Valley	223	138	NW part of quad	F-5	Pinole anticline		Eocene
5151	Briones Valley	223	139	NW part of quad	F-5	Pinole anticline		Eocene
5152	Briones Valley	223	141	NW part of quad	F-5	Pinole anticline		Eocene
5153	Briones Valley	223	142	NW part of quad	F-5	Pinole anticline		Eocene
5154	Briones Valley	223	143	NW part of quad	F-5	Pinole anticline		Eocene
5155	Briones Valley	223	144	NW part of quad	F-5	Pinole anticline		Eocene
5156	Briones Valley	223	145	NW part of quad	F-5	Pinole anticline		Eocene
5157	Briones Valley	223	146	NW part of quad	F-6	Pinole anticline		Eocene
5158	Briones Valley	223	147	NW part of quad	F-6	Pinole anticline		Eocene
5159	Briones Valley	223	168	NW part of quad	F-6	Pinole anticline		Eocene
5160	Briones Valley	223	169	NW part of quad	F-6	Pinole anticline		Eocene
5161	Briones Valley	223	170	NW part of quad	F-6	Pinole anticline		Eocene
5162	Briones Valley	223	186	center of quad	F-6	Pinole anticline		Eocene
5163	Briones Valley	223	188	center of quad	F-6	Pinole anticline		Eocene
5164	Briones Valley	223	189	center of quad	F-6	Pinole anticline		probably L Miocene
5165	Briones Valley	223	191	center of quad	F-6	Pinole anticline		Eocene
5166	Briones Valley	223	207	NW part of quad	F-6	Oursan anticline		Eocene?
5167	Briones Valley	223	219	Oursan anticline	F-2	has Discocyclina		Eocene
5168	Briones Valley	223	220	Oursan anticline	F-2	has Discocyclina		Eocene
5169	Briones Valley	223	223	NW part of quad	F-6	Oursan anticline		Eocene
5170	Briones Valley	223	224	NW part of quad	F-2	Oursan anticline		Eocene
5171	Briones Valley	223	227	NW part of quad	F-2	Oursan anticline		Eocene
5172	Briones Valley	223	229	NW part of quad	F-2	Oursan anticline		Eocene
5173	Briones Valley	223	230	NW part of quad	F-2	Oursan anticline		Eocene
5174	Briones Valley	223	231	NW part of quad	F-2	Oursan anticline		Eocene
5175	Briones Valley	223	232	NW part of quad	F-2	Oursan anticline		Eocene?
5176	Briones Valley	223	235	NW part of quad	F-2	Oursan anticline		Eocene
5177	Briones Valley	223	237	NW part of quad	F-2	Oursan anticline		Eocene
5178	Briones Valley	223	238	NW part of quad	F-2	Oursan anticline		Eocene
5179	Briones Valley	223	239	NW part of quad	F-2	Oursan anticline		Eocene
5180	Briones Valley	223	240	NW part of quad	F-6	Oursan anticline		Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
5181	Briones Valley	223	240RW	NW part of quad	F-2	Oursan anticline		Eocene
5182	Briones Valley	223	241	NW part of quad	F-2	Oursan anticline		Eocene
5183	Briones Valley	223	244	NW part of quad	F-2	Oursan anticline		Eocene
5184	Briones Valley	223	246	NW part of quad	F-2	Oursan anticline		Eocene
5185	Briones Valley	223	247	NW part of quad	F-2	Oursan anticline		Eocene
5186	Briones Valley	223	248	NW part of quad	F-2	Oursan anticline		Eocene
5187	Briones Valley	223	249	NW part of quad	F-2	Oursan anticline		Eocene
5188	Briones Valley	223	250	NW part of quad	F-2	Oursan anticline		Eocene
5189	Briones Valley	223	252	NW part of quad	F-2	Oursan anticline		Eocene
5190	Briones Valley	223	255	NW part of quad	F-2	Oursan anticline		Eocene
5191	Briones Valley	223	257	NW part of quad	F-2	Oursan anticline		Eocene
5192	Briones Valley	223	259	NW part of quad	F-2	Oursan anticline		Eocene
5193	Briones Valley	223	267	NW part of quad	F-2	Oursan anticline		Eocene
5194	Briones Valley	223	268	NW part of quad	F-2	Oursan anticline		Eocene
5195	Briones Valley	223	270	NW part of quad	F-2	Oursan anticline		Eocene
5196	Briones Valley	223	271	NW part of quad	F-2	Oursan anticline		Eocene
5197	Briones Valley	223	273	NW part of quad	F-2	Oursan anticline		Eocene
5198	Canoga Park	223	12A	Chalk Hills	no slide		strat column	middle and late Miocene Mohnian Stage
5199	Canoga Park	223	112	Chalk Hills	no slides	see strat column	for ages	Miocene and Pliocene
5200	Mare Island	223	157	SE corner of quad	F-6	Mare Island 15'		middle and late Miocene upper Mohnian Stage
5201	Richmond	223	P-2 etc	NE part of quad	F-4	Pinole anticline		late? Miocene
5202	Richmond	223	4	NE part of quad	F-4	Pinole anticline		middle Miocene Luisian Stage
5203	Richmond	223	12	NE part of quad	F-4	Pinole anticline		middle Miocene Luisian Stage
5204	Richmond	223	13	NE part of quad	F-4	Pinole anticline		middle Miocene
5205	Richmond	223	14	NE part of quad	F-4	Pinole anticline		late Paleocene E Zone
5206	Richmond	223	15	NE part of quad	F-4	Pinole anticline		middle Miocene Luisian Stage
5207	Richmond	223	18	NE part of quad	F-4	Pinole anticline		probably late Paleocene E Zone
5208	Richmond	223	20	NE part of quad	F-4	Pinole anticline		middle Miocene Luisian Stage
5209	Richmond	223	22	NE part of quad	F-4	Pinole anticline		middle Miocene Luisian Stage
5210	Richmond	223	23	NE part of quad	F-4	Pinole anticline		middle Miocene Luisian Stage
5211	Richmond	223	24	NE part of quad	F-4	Pinole anticline		middle Miocene Luisian Stage
5212	Richmond	223	25	NE part of quad	F-4	Pinole anticline		late Paleocene E Zone
5213	Richmond	223	30	NE part of quad	F-4	Pinole anticline		Eocene
5214	Richmond	223	31	NE part of quad	F-4	Pinole anticline		Eocene
5215	Richmond	223	33	NW part of quad	F-4	Pinole anticline		late Paleocene E Zone
5216	Richmond	223	34	NW part of quad	F-4	Pinole anticline		late Paleocene E Zone
5217	Richmond	223	35	NW part of quad	F-4	Pinole anticline		Paleocene or Eocene
5218	Richmond	223	36	NW part of quad	F-4	Pinole anticline		Paleocene?
5219	Richmond	223	37	NW part of quad	F-4	Pinole anticline		Paleocene or Eocene
5220	Richmond	223	38	NW part of quad	F-4	Pinole anticline		late Paleocene E Zone
5221	Richmond	223	40	NW part of quad	F-4	Pinole anticline		late Paleocene E Zone
5222	Richmond	223	42	NW part of quad	F-4	Pinole anticline		late Paleocene E Zone
5223	Richmond	223	43	NW part of quad	F-4	Pinole anticline		late Paleocene E Zone
5224	Richmond	223	44	NW part of quad	F-4	Pinole anticline		Miocene
5225	Richmond	223	45	NW part of quad	F-4	Pinole anticline		late Paleocene E Zone
5226	Richmond	223	46	NW part of quad	F-4	Pinole anticline		late Paleocene E Zone
5227	Richmond	223	47	NW part of quad	F-4	Pinole anticline		late Paleocene E Zone
5228	Richmond	223	52	NW part of quad	F-4	Pinole anticline		late Paleocene E Zone
5229	Richmond	223	53	NW part of quad	F-4	Pinole anticline		late Paleocene E Zone
5230	Richmond	223	54	NW part of quad	F-4	Pinole anticline		late Paleocene E Zone
5231	Richmond	223	61	NW part of quad	F-4	Pinole anticline		late Paleocene E Zone
5232	Richmond	223	66	NW part of quad	F-4	Pinole anticline		Miocene
5233	Richmond	223	68	NW part of quad	F-4	Pinole anticline		Eocene
5234	Richmond	223	69	NW part of quad	F-4	Pinole anticline		Eocene
5235	Richmond	223	70	NW part of quad	F-4	Pinole anticline		Eocene
5236	Richmond	223	72	NW part of quad	F-4	Pinole anticline		Eocene
5237	Richmond	223	88	NE part of quad	F-5	Pinole anticline		Eocene
5238	Richmond	223	89	NE part of quad	F-5	Pinole anticline		Eocene
5239	Richmond	223	90	NE part of quad	F-5	Pinole anticline		Eocene
5240	Richmond	223	91	NW part of quad	F-5	Pinole anticline		Eocene
5241	Richmond	223	92	NW part of quad	F-5	Pinole anticline		Miocene
5242	Richmond	223	95	NE part of quad	F-5	Pinole anticline		Eocene
5243	Richmond	223	99	NE part of quad	F-5	Pinole anticline		Eocene
5244	Richmond	223	116	NE part of quad	F-5	Pinole anticline		Eocene?
5245	Richmond	223	117	NE part of quad	F-5	Pinole anticline		Eocene?
5246	Richmond	223	150	NE part of quad	F-6	Pinole anticline		late? Miocene
5247	Richmond	223	151	NE part of quad	F-6	Pinole anticline		Eocene
5248	Richmond	223	152	NE part of quad	F-6	Pinole anticline		Eocene
5249	Richmond	223	153	NE part of quad	F-6	Pinole anticline		Eocene
5250	Richmond	223	154	NE part of quad	F-6	Pinole anticline		possibly Eocene
5251	Richmond	223	155	NE part of quad	F-6	Pinole anticline		Eocene
5252	Richmond	223	161	NE part of quad	F-6	Pinole anticline		Eocene
5253	Richmond	223	208	NW part of quad	F-6	Oursan anticline		Eocene
5254	Richmond	223	208RW	NW part of quad	F-2	Oursan anticline		Eocene

	A	B	C	D	E	F	G	H
1	**USGS 7.5' QUAD**	**LOC #**	**SUB**	**GENERAL LOCATION**	**SLIDE #**	**MISCELLANEOUS**	**MISC**	**ZONE/STAGE/SERIES/AGE**
5255	Richmond	223	221	NW part of quad	F-2	Oursan anticline		Eocene?
5256	Richmond	223	275	NE part of quad	F-6			Paleocene?
5257	Las Yeguas Ranch	224	S-1 etc	Media Agua Creek	F-7	not on map	22/28S/19E	Miocene
5258	Las Yeguas Ranch	224	2	Media Agua Creek	F-7	not on map	Have strat	Miocene
5259	Las Yeguas Ranch	224	3	Media Agua Creek	F-7	not on map	position in	Miocene
5260	Las Yeguas Ranch	224	4	Media Agua Creek	F-7	not on map	notes but no	Miocene
5261	Las Yeguas Ranch	224	5	Media Agua Creek	F-7	not on map	ages. Ref to	Miocene
5262	Las Yeguas Ranch	224	6	Media Agua Creek	F-7	not on map	Phacoides reef	Miocene
5263	Las Yeguas Ranch	224	7	Media Agua Creek	F-7	not on map	and "button"	Miocene
5264	Las Yeguas Ranch	224	8	Media Agua Creek	F-7	not on map	beds suggests	Miocene
5265	Las Yeguas Ranch	224	9	Media Agua Creek	F-7	not on map	most slides	Miocene
5266	Las Yeguas Ranch	224	10	Media Agua Creek	F-7	not on map	prob early and	Miocene
5267	Las Yeguas Ranch	224	11	Media Agua Creek	F-7	not on map	middle	Miocene
5268	Las Yeguas Ranch	224	12	Media Agua Creek	F-7	not on map	Miocene	Miocene
5269	Las Yeguas Ranch	224	13	Media Agua Creek	F-7	not on map		Miocene
5270	Las Yeguas Ranch	224	14	Media Agua Creek	F-7	not on map		Miocene
5271	Las Yeguas Ranch	224	15	Media Agua Creek	F-7	not on map		Miocene
5272	Las Yeguas Ranch	224	16	Media Agua Creek	F-7	not on map		Miocene
5273	Las Yeguas Ranch	224	17	Media Agua Creek	F-7	not on map		Miocene
5274	Las Yeguas Ranch	224	18	Media Agua Creek	F-7	not on map		Miocene
5275	Las Yeguas Ranch	224	19	Media Agua Creek	F-7	not on map		Miocene
5276	Las Yeguas Ranch	224	20	Media Agua Creek	F-7	not on map		Miocene
5277	Las Yeguas Ranch	224	21	Media Agua Creek	F-7	not on map		Miocene
5278	Las Yeguas Ranch	224	22	Media Agua Creek	F-7	not on map		Miocene
5279	Las Yeguas Ranch	224	23	Media Agua Creek	F-7	not on map		Miocene
5280	Las Yeguas Ranch	224	24	Media Agua Creek	F-7	not on map		Miocene
5281	Las Yeguas Ranch	224	25	Media Agua Creek	F-7	not on map		Miocene
5282	Las Yeguas Ranch	224	26	Media Agua Creek	F-7	not on map		Miocene
5283	Las Yeguas Ranch	224	27	Media Agua Creek	F-7	not on map		Miocene
5284	Las Yeguas Ranch	224	28	Media Agua Creek	F-7	not on map		Miocene
5285	Las Yeguas Ranch	224	29	Media Agua Creek	F-7	not on map		Miocene
5286	Las Yeguas Ranch	224	30	Media Agua Creek	F-7	not on map		Miocene
5287	Las Yeguas Ranch	224	31	Media Agua Creek	F-7	not on map		Miocene
5288	Las Yeguas Ranch	224	32	Media Agua Creek	F-7	not on map		Miocene
5289	Las Yeguas Ranch	224	33	Media Agua Creek	F-7	not on map		Miocene
5290	Las Yeguas Ranch	224	34	Media Agua Creek	F-7	not on map		Miocene
5291	Las Yeguas Ranch	224	35	Media Agua Creek	F-7	not on map		Miocene
5292	Las Yeguas Ranch	224	36	Media Agua Creek	F-7	not on map		Miocene
5293	Las Yeguas Ranch	224	37	Media Agua Creek	F-7	not on map		Miocene
5294	Las Yeguas Ranch	224	38	Media Agua Creek	F-7	not on map		Miocene
5295	Las Yeguas Ranch	224	39	Media Agua Creek	F-7	not on map		Miocene
5296	Las Yeguas Ranch	224	40	Media Agua Creek	F-7	not on map		Miocene
5297	Las Yeguas Ranch	224	41	Media Agua Creek	F-7	not on map		Miocene
5298	Las Yeguas Ranch	224	42	Media Agua Creek	F-7	not on map		Miocene
5299	Las Yeguas Ranch	224	43	Media Agua Creek	F-7	not on map		Miocene
5300	Las Yeguas Ranch	224	44	Media Agua Creek	F-7	not on map		Miocene
5301	Las Yeguas Ranch	224	45	Media Agua Creek	F-7	not on map		Miocene
5302	Las Yeguas Ranch	224	46	Media Agua Creek	F-7	not on map		Miocene
5303	Las Yeguas Ranch	224	47	Media Agua Creek	F-7	not on map		Miocene
5304	Las Yeguas Ranch	224	48	Media Agua Creek	F-7	not on map		Miocene
5305	Las Yeguas Ranch	224	49	Media Agua Creek	F-7	not on map		Miocene
5306	Las Yeguas Ranch	224	50	Media Agua Creek	F-7	not on map		Miocene
5307	Las Yeguas Ranch	224	51	Media Agua Creek	F-7	not on map		Miocene
5308	Las Yeguas Ranch	224	52	Media Agua Creek	F-7	not on map		Miocene
5309	Las Yeguas Ranch	224	53	Media Agua Creek	F-7	not on map		Miocene
5310	Las Yeguas Ranch	224	54	Media Agua Creek	F-7	not on map		Miocene
5311	Las Yeguas Ranch	224	55	Media Agua Creek	F-7	not on map		Miocene
5312	Las Yeguas Ranch	224	56	Media Agua Creek	F-7	not on map		Miocene
5313	Las Yeguas Ranch	224	57	Media Agua Creek	F-7	not on map		Miocene
5314	Las Yeguas Ranch	224	58	Media Agua Creek	F-7	not on map		Miocene
5315	Las Yeguas Ranch	224	59	Media Agua Creek	F-7	not on map		Miocene
5316	Las Yeguas Ranch	224	60	Media Agua Creek	F-7	not on map		Miocene
5317	Las Yeguas Ranch	224	101	Media Agua Creek	F-8	not on map		Miocene
5318	Las Yeguas Ranch	224	102	Media Agua Creek	F-8	not on map		Miocene
5319	Las Yeguas Ranch	224	103	Media Agua Creek	F-8	not on map		Miocene
5320	Las Yeguas Ranch	224	115	Media Agua Creek	F-8	not on map		Miocene
5321	Las Yeguas Ranch	224	116	Media Agua Creek	F-8	not on map		Miocene
5322	Las Yeguas Ranch	224	117	Media Agua Creek	F-8	not on map		Miocene
5323	Las Yeguas Ranch	224	118	Media Agua Creek	F-8	not on map		Miocene
5324	Las Yeguas Ranch	224	119	Media Agua Creek	F-8	not on map		Miocene
5325	Las Yeguas Ranch	224	120	Media Agua Creek	F-8	not on map		Miocene
5326	Las Yeguas Ranch	224	124	Media Agua Creek	F-8	not on map		Miocene
5327	Las Yeguas Ranch	224	126	Media Agua Creek	F-8	not on map		Miocene
5328	Las Yeguas Ranch	224	131	Media Agua Creek	F-8	not on map		Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
5329	Las Yeguas Ranch	224	136	Media Agua Creek	F-8	not on map		Miocene
5330	Las Yeguas Ranch	224	137	Media Agua Creek	F-8	not on map		Miocene
5331	Las Yeguas Ranch	224	139	Media Agua Creek	F-8	not on map		Miocene
5332	Las Yeguas Ranch	224	142	Media Agua Creek	F-8	not on map		Miocene
5333	Las Yeguas Ranch	224	143	Media Agua Creek	F-8	not on map		Miocene
5334	Las Yeguas Ranch	224	144	Media Agua Creek	F-8	not on map		Miocene
5335	Las Yeguas Ranch	224	145	Media Agua Creek	F-8	not on map		Miocene
5336	Las Yeguas Ranch	224	148	Media Agua Creek	F-8	not on map		Miocene
5337	Las Yeguas Ranch	224	203	Media Agua Creek	F-8	not on map		Miocene
5338	Las Yeguas Ranch	224	204	Media Agua Creek	F-8	not on map		Miocene
5339	Las Yeguas Ranch	224	205	Media Agua Creek	F-8	not on map		Miocene
5340	Las Yeguas Ranch	224	206	Media Agua Creek	F-8	not on map		Miocene
5341	Las Yeguas Ranch	224	207	Media Agua Creek	F-8	not on map		Miocene
5342	Las Yeguas Ranch	224	208	Media Agua Creek	F-8	not on map		Miocene
5343	Las Yeguas Ranch	224	209	Media Agua Creek	F-8	not on map		Miocene
5344	Las Yeguas Ranch	224	211	Media Agua Creek	F-8	not on map		Miocene
5345	Las Yeguas Ranch	224	219	Media Agua Creek	F-8	not on map		Miocene
5346	Las Yeguas Ranch	224	220	Media Agua Creek	F-8	not on map		Miocene
5347	Las Yeguas Ranch	224	222	Media Agua Creek	F-8	not on map		Miocene
5348	Las Yeguas Ranch	224	224	Media Agua Creek	F-8	not on map		Miocene
5349	Las Yeguas Ranch	224	225	Media Agua Creek	F-8	not on map		Miocene
5350	Las Yeguas Ranch	224	226	Media Agua Creek	F-8	not on map		Miocene
5351	Las Yeguas Ranch	224	227	Media Agua Creek	F-8	not on map		Miocene
5352	Las Yeguas Ranch	224	228	Media Agua Creek	F-8	not on map		Miocene
5353	Las Yeguas Ranch	224	250	Media Agua Creek	F-8	not on map		Miocene
5354	Las Yeguas Ranch	224	251	Media Agua Creek	F-8	not on map		Miocene
5355	Las Yeguas Ranch	224	252	Media Agua Creek	F-8	not on map		Miocene
5356	Las Yeguas Ranch	224	253	Media Agua Creek	F-8	not on map		Miocene
5357	Las Yeguas Ranch	224	255	Media Agua Creek	F-8	not on map		Miocene
5358	Las Yeguas Ranch	224	257	Media Agua Creek	F-8	not on map		Miocene
5359	Las Yeguas Ranch	224	260	Media Agua Creek	F-8	not on map		Miocene
5360	Las Yeguas Ranch	224	261	Media Agua Creek	F-8	not on map		Miocene
5361	Las Yeguas Ranch	224	262	Media Agua Creek	F-8	not on map		Miocene
5362	Las Yeguas Ranch	224	263	Media Agua Creek	F-8	not on map		Miocene
5363	Las Yeguas Ranch	224	264	Media Agua Creek	F-8	not on map		Miocene
5364	Las Yeguas Ranch	224	265	Media Agua Creek	F-8	not on map		Miocene
5365	Las Yeguas Ranch	224	266	Media Agua Creek	F-8	not on map		Miocene
5366	Las Yeguas Ranch	224	267	Media Agua Creek	F-8	not on map		Miocene
5367	Las Yeguas Ranch	224	268	Media Agua Creek	F-8	not on map		Miocene
5368	Las Yeguas Ranch	224	269	Media Agua Creek	F-8	not on map		Miocene
5369	Las Yeguas Ranch	224	270	Media Agua Creek	F-8	not on map		Miocene
5370	Las Yeguas Ranch	224	271	Media Agua Creek	F-8	not on map		Miocene
5371	Las Yeguas Ranch	224	272	Media Agua Creek	F-8	not on map		Miocene
5372	Las Yeguas Ranch	224	273	Media Agua Creek	F-9	not on map		Miocene
5373	Las Yeguas Ranch	224	274	Media Agua Creek	F-9	not on map		Miocene
5374	Las Yeguas Ranch	224	275	Media Agua Creek	F-9	not on map		Miocene
5375	Las Yeguas Ranch	224	276	Media Agua Creek	F-9	not on map		Miocene
5376	Las Yeguas Ranch	224	277	Media Agua Creek	F-9	not on map		Miocene
5377	Las Yeguas Ranch	224	280	Media Agua Creek	F-9	not on map		Miocene
5378	Las Yeguas Ranch	224	281	Media Agua Creek	F-9	not on map		Miocene
5379	Las Yeguas Ranch	224	282	Media Agua Creek	F-9	not on map		Miocene
5380	Las Yeguas Ranch	224	283	Media Agua Creek	F-9	not on map		Miocene
5381	Las Yeguas Ranch	224	284	Media Agua Creek	F-9	not on map		Miocene
5382	Las Yeguas Ranch	224	285	Media Agua Creek	F-9	not on map		Miocene
5383	Las Yeguas Ranch	224	288	Media Agua Creek	F-9	not on map		Miocene
5384	Las Yeguas Ranch	224	289	Media Agua Creek	F-9	not on map		Miocene
5385	Las Yeguas Ranch	224	290	Media Agua Creek	F-9	not on map		Miocene
5386	Las Yeguas Ranch	224	291	Media Agua Creek	F-9	not on map		Miocene
5387	Las Yeguas Ranch	224	292	Media Agua Creek	F-9	not on map		Miocene
5388	Las Yeguas Ranch	224	293	Media Agua Creek	F-9	not on map		Miocene
5389	Las Yeguas Ranch	224	295	Media Agua Creek	F-9	not on map		Eocene
5390	Las Yeguas Ranch	224	296	Media Agua Creek	F-9	not on map		Eocene
5391	Las Yeguas Ranch	224	297	Media Agua Creek	F-9	not on map		Eocene
5392	Las Yeguas Ranch	224	298	Media Agua Creek	F-9	not on map		Eocene
5393	Las Yeguas Ranch	224	299	Media Agua Creek	F-9	not on map		Eocene
5394	Las Yeguas Ranch	224	300	Media Agua Creek	F-9	not on map		Eocene
5395	Las Yeguas Ranch	224	301	Media Agua Creek	F-9	not on map		Eocene
5396	Las Yeguas Ranch	224	365	Media Agua Creek	F-9	not on map		Miocene
5397	Las Yeguas Ranch	224	366	Media Agua Creek	F-9	not on map		Miocene
5398	Las Yeguas Ranch	224	367	Media Agua Creek	F-9	not on map		Miocene
5399	Las Yeguas Ranch	224	370	Media Agua Creek	F-9	not on map		Miocene
5400	Las Yeguas Ranch	224	371	Media Agua Creek	F-9	not on map		Miocene
5401	Las Yeguas Ranch	224	372	Media Agua Creek	F-9	not on map		Miocene
5402	Las Yeguas Ranch	224	373	Media Agua Creek	F-9	not on map		Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
5403	Las Yeguas Ranch	224	374	Media Agua Creek	F-9	not on map		Miocene
5404	Las Yeguas Ranch	224	378	Media Agua Creek	F-9	not on map		Miocene
5405	Las Yeguas Ranch	224	379	Media Agua Creek	F-9	not on map		Miocene
5406	Las Yeguas Ranch	224	381	Media Agua Creek	F-9	not on map		Miocene
5407	Las Yeguas Ranch	224	382	Media Agua Creek	F-9	not on map		Miocene
5408	Las Yeguas Ranch	224	384	Media Agua Creek	F-9	not on map		Miocene
5409	Las Yeguas Ranch	224	385	Media Agua Creek	F-9	not on map		Miocene
5410	Las Yeguas Ranch	224	386	Media Agua Creek	F-9	not on map		Miocene
5411	Las Yeguas Ranch	224	388	Media Agua Creek	F-9	not on map		Miocene
5412	Las Yeguas Ranch	224	389	Media Agua Creek	F-9	not on map		Miocene
5413	Las Yeguas Ranch	224	390	Media Agua Creek	F-9	not on map		Miocene
5414	Las Yeguas Ranch	224	391	Media Agua Creek	F-9	not on map		Miocene
5415	Las Yeguas Ranch	224	392	Media Agua Creek	F-9	not on map		Miocene
5416	Las Yeguas Ranch	224	393	Media Agua Creek	F-9	not on map		Miocene
5417	Las Yeguas Ranch	224	394	Media Agua Creek	F-9	not on map		Miocene
5418	Las Yeguas Ranch	224	395	Media Agua Creek	F-9	not on map		Miocene
5419	Las Yeguas Ranch	224	396	Media Agua Creek	F-9	not on map		Miocene
5420	Las Yeguas Ranch	224	397	Media Agua Creek	F-9	not on map		Miocene
5421	Las Yeguas Ranch	224	397	Media Agua Creek	F-9	not on map		Miocene
5422	Las Yeguas Ranch	224	399	Media Agua Creek	F-9	not on map		Miocene
5423	Las Yeguas Ranch	224	400	Media Agua Creek	F-9	not on map		Miocene
5424	Las Yeguas Ranch	224	401	Media Agua Creek	F-9	not on map		Miocene
5425	Las Yeguas Ranch	224	402	Media Agua Creek	F-9	not on map		Miocene
5426	Las Yeguas Ranch	224	403	Media Agua Creek	F-9	not on map		Miocene
5427	Las Yeguas Ranch	224	404	Media Agua Creek	F-9	not on map		Miocene
5428	Las Yeguas Ranch	224	405	Media Agua Creek	F-9	not on map		Miocene
5429	Las Yeguas Ranch	224	406	Media Agua Creek	F-9	not on map		Miocene
5430	Las Yeguas Ranch	224	408	Media Agua Creek	F-10	not on map		Miocene
5431	Las Yeguas Ranch	224	409	Media Agua Creek	F-10	not on map		Miocene
5432	Las Yeguas Ranch	224	410	Media Agua Creek	F-10	not on map		Miocene
5433	Las Yeguas Ranch	224	411	Media Agua Creek	F-10	not on map		Miocene
5434	Las Yeguas Ranch	224	412	Media Agua Creek	F-10	not on map		Miocene
5435	Las Yeguas Ranch	224	413	Media Agua Creek	F-10	not on map		Miocene
5436	Las Yeguas Ranch	224	414	Media Agua Creek	F-10	not on map		Miocene
5437	Las Yeguas Ranch	224	415	Media Agua Creek	F-10	not on map		Miocene
5438	Las Yeguas Ranch	224	416	Media Agua Creek	F-10	not on map		Miocene
5439	Las Yeguas Ranch	224	417	Media Agua Creek	F-10	not on map		Miocene
5440	Las Yeguas Ranch	224	418	Media Agua Creek	F-10	not on map		Miocene
5441	Las Yeguas Ranch	224	419	Media Agua Creek	F-10	not on map		Miocene
5442	Las Yeguas Ranch	224	420	Media Agua Creek	F-10	not on map		Miocene
5443	Las Yeguas Ranch	224	421	Media Agua Creek	F-10	not on map		Miocene
5444	Las Yeguas Ranch	224	422	Media Agua Creek	F-10	not on map		Miocene
5445	Las Yeguas Ranch	224	451	Media Agua Creek	F-10	not on map		Miocene
5446	Las Yeguas Ranch	224	452	Media Agua Creek	F-10	not on map		Miocene
5447	Las Yeguas Ranch	224	453	Media Agua Creek	F-10	not on map		Miocene
5448	Las Yeguas Ranch	224	454	Media Agua Creek	F-10	not on map		Miocene
5449	Las Yeguas Ranch	224	455	Media Agua Creek	F-10	not on map		Miocene
5450	Las Yeguas Ranch	224	456	Media Agua Creek	F-10	not on map		Miocene
5451	Las Yeguas Ranch	224	457	Media Agua Creek	F-10	not on map		Miocene
5452	Las Yeguas Ranch	224	458	Media Agua Creek	F-10	not on map		Miocene
5453	Las Yeguas Ranch	224	459	Media Agua Creek	F-10	not on map		Miocene
5454	Las Yeguas Ranch	224	460	Media Agua Creek	F-10	not on map		Miocene
5455	Las Yeguas Ranch	224	461	Media Agua Creek	F-10	not on map		Miocene
5456	Las Yeguas Ranch	224	462	Media Agua Creek	F-10	not on map		Miocene
5457	Las Yeguas Ranch	224	463	Media Agua Creek	F-10	not on map		Miocene
5458	Las Yeguas Ranch	224	464	Media Agua Creek	F-10	not on map		Miocene
5459	Las Yeguas Ranch	224	465	Media Agua Creek	F-10	not on map		Miocene
5460	Las Yeguas Ranch	224	466	Media Agua Creek	F-10	not on map		Miocene
5461	Las Yeguas Ranch	224	467	Media Agua Creek	F-10	not on map		Miocene
5462	Las Yeguas Ranch	224	468	Media Agua Creek	F-10	not on map		Miocene
5463	Las Yeguas Ranch	224	469	Media Agua Creek	F-10	not on map		Miocene
5464	Las Yeguas Ranch	224	470	Media Agua Creek	F-10	not on map		Miocene
5465	Las Yeguas Ranch	224	471	Media Agua Creek	F-10	not on map		Miocene
5466	Las Yeguas Ranch	224	472	Media Agua Creek	F-10	not on map		Miocene
5467	Las Yeguas Ranch	224	473	Media Agua Creek	F-10	not on map		Miocene
5468	Las Yeguas Ranch	224	474	Media Agua Creek	F-10	not on map		Miocene
5469	Las Yeguas Ranch	224	475	Media Agua Creek	F-10	not on map		Miocene
5470	Las Yeguas Ranch	224	476	Media Agua Creek	F-10	not on map		Miocene
5471	Las Yeguas Ranch	224	477	Media Agua Creek	F-10	not on map		Miocene
5472	Las Yeguas Ranch	224	501	Media Agua Creek	F-10	not on map		Miocene
5473	Las Yeguas Ranch	224	502	Media Agua Creek	F-10	not on map		Miocene
5474	Las Yeguas Ranch	224	502	Media Agua Creek	F-10	not on map		Miocene
5475	Las Yeguas Ranch	224	504	Media Agua Creek	F-10	not on map		Miocene
5476	Las Yeguas Ranch	224	505	Media Agua Creek	F-10	not on map		Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
5477	Las Yeguas Ranch	224	slide 1	Media Agua Creek	F-10	21/28S/19E		assemblage
5478	Las Yeguas Ranch	224	slide 2	Media Agua Creek	F-10	22/28S/19E		assemblage
5479	Cordelia	225	53	not on map	E-7	Carquinez 15'	7/4N/3W	Eocene
5480	Cordelia	225	56	Jamison Cyn Rd	E-7	Carquinez 15'	abun rads	Eocene?
5481	Cordelia	225	57	Jamison Cyn Rd	E-7	Carquinez 15'	abun rads	Eocene?
5482	Cordelia?	225	58	not on map	E-7	Carquinez 15'		possibly Eocene
5483	Cordelia	225	59	Jamison Cyn Rd	E-7	Carquinez 15'		possibly Eocene
5484	Cordelia	225	61	Jamison Cyn Rd	E-7	Carquinez 15'		Eocene
5485	Cordelia	225	64	Jamison Cyn Rd	E-7	Carquinez 15'		Eocene
5486	Cordelia	225	66	Jamison Cyn Rd	E-4	Carquinez 15'		possibly Eocene
5487	Cordelia	225	67	Jamison Cyn Rd	E-4	Carquinez 15'		possibly Eocene
5488	Cordelia	225	68	Jamison Cyn Rd	E-4	Carquinez 15'		possibly Eocene
5489	Cordelia	225	69	Jamison Cyn Rd	E-4	Carquinez 15'		possibly Eocene
5490	Cordelia	225	70	Highway 80	E-4	Carquinez 15'		possibly Eocene
5491	Cuttings Wharf	225	3	Napa Junction	E-7	Sonoma 15'		Eocene
5492	Cuttings Wharf	225	4	Napa Road	E-7	Sonoma 15'	36/5N/4W	Late Cretaceous or Paleocene
5493	Cuttings Wharf	225	35	Napa Road	E-7	Sonoma 15'	1/4N/4W	l Eocene A-1 Zone
5494	Cuttings Wharf	225	49	Napa Road	E-7	Sonoma 15'	36/5N/4W	Late Cretaceous or Paleocene
5495	Cuttings Wharf	225	51	RR cut near Napa J	E-7	Sonoma 15'	13/4N/4W	Eocene?
5496	El Monte	225	5	Puente Hills	43-G	not on map	Pecten age	late Miocene
5497	Napa?	225	RNN2etc	not on map	E-7	Sonoma 15'	ostracods	Pleistocene?
5498	Napa	225	6	not on map	E-7	Sonoma 15'	ostracods	Pleistocene?
5499	Napa	225	7	not on map	E-7	Sonoma 15'		Pleistocene?
5500	Napa	225	8	not on map	E-7	Sonoma 15'		Pleistocene?
5501	Napa	225	9	not on map	E-7	Sonoma 15'		Pleistocene?
5502	Napa	225	10	not on map	E-7	Sonoma 15'		Pleistocene?
5503	Napa	225	14	Congress Valley	E-7	Sonoma 15'		Late Cretaceous or Paleocene
5504	Napa	225	15	West of Napa	E-7	Sonoma 15'		Cretaceous? arenaceous foraminifers
5505	Napa	225	16	not on map	E-7	Sonoma 15'		Cretaceous? arenaceous foraminifers
5506	Napa	225	17	not on map	E-7	Sonoma 15'		Paleocene?
5507	Napa	225	19	not on map	E-7	Sonoma 15'		Cretaceous? arenaceous foraminifers
5508	Napa	225	23	Congress Valley	E-7	Sonoma 15'		Late Cretaceous or Paleocene
5509	Napa	225	24	not on map	E-7	Sonoma 15'		Cretaceous arenaceous foraminifers
5510	Napa	225	25	Congress Valley	E-7	Sonoma 15'		Eocene?
5511	Napa	225	30	Congress Valley	E-7	Sonoma 15'		Late Cretaceous or Paleocene
5512	Napa	225	41	Carneros Creek	E-7	Sonoma 15'		Miocene
5513	Napa	225	72	not on map	E-6	Sonoma 15'		possibly Eocene
5514	Napa	225	73	not on map	E-7	Sonoma 15'		possibly Eocene
5515	El Monte	226		SE corner of quad	no slide		Pecten	late Miocene
5516	Oil Center	227	3	Reed Canyon	H-3	not on map		Eocene
5517	Oil Center	227	4	Reed Canyon	H-3	not on map		Eocene
5518	Oil Center	227	5	Reed Canyon	H-3	not on map		Eocene
5519	Oil Center	227	6	Reed Canyon	H-3	not on map		Eocene
5520	Oil Center	227	7	Reed Canyon	H-3	not on map		Eocene
5521	Oil Center	227	8	Reed Canyon	H-3	not on map		Eocene
5522	Oil Center	227	9	Reed Canyon	H-3	not on map		Eocene
5523	Oil Center	227	10	Reed Canyon	H-3	not on map		Eocene
5524	Oil Center	227	11	Reed Canyon	H-3	not on map		Eocene
5525	Oil Center	227	12	Reed Canyon	H-3	not on map		Eocene
5526	Oil Center	227	13	Reed Canyon	H-3	not on map		Eocene
5527	Oil Center	227	14	Reed Canyon	H-3	not on map		Eocene
5528	Oil Center	227	15	Reed Canyon	H-3	not on map		Eocene
5529	Garza Peak	228	1	Canoas Creek	E-11	not on map	Ridge 3/8 mi	middle Eocene Chiphragmalithus quadratus Zone
5530	Garza Peak	228	2	Canoas Creek	E-11	not on map	north of	middle Eocene Chiphragmalithus quadratus Zone
5531	Garza Peak	228	3	Canoas Creek	E-11	not on map	Canoas Ck	middle Eocene Chiphragmalithus quadratus Zone
5532	Garza Peak	228	4	Canoas Creek	E-11	not on map	Have strat	middle Eocene Chiphragmalithus quadratus Zone
5533	Garza Peak	228	5	Canoas Creek	E-11	not on map	column. Quad	middle Eocene Chiphragmalithus quadratus Zone
5534	Garza Peak	228	6	Canoas Creek	E-11	not on map	uncertain	middle Eocene Chiphragmalithus quadratus Zone
5535	Garza Peak	228	7	Canoas Creek	E-11	not on map	NP ages	middle Eocene Chiphragmalithus quadratus Zone
5536	Garza Peak	228	8	Canoas Creek	E-11	not on map	NP ages	middle Eocene Chiphragmalithus quadratus Zone
5537	Garza Peak	228	9	Canoas Creek	E-11	not on map	NP ages	middle Eocene Chiphragmalithus quadratus Zone
5538	Garza Peak	228	10	Canoas Creek	E-11	not on map	NP ages	middle Eocene Chiphragmalithus quadratus Zone
5539	Garza Peak	228	11	Canoas Creek	E-11	not on map	NP ages	middle Eocene Chiphragmalithus quadratus Zone
5540	Garza Peak	228	12	Canoas Creek	E-11	not on map	NP ages	middle Eocene Chiphragmalithus quadratus Zone
5541	Garza Peak	228	13	Canoas Creek	E-11	not on map	NP ages	middle Eocene Chiphragmalithus quadratus Zone
5542	Garza Peak	228	14	Canoas Creek	E-11	not on map	NP ages	middle Eocene Chiphragmalithus quadratus Zone
5543	Garza Peak	228	15	Canoas Creek	E-11	not on map	NP ages	middle Eocene Chiphragmalithus quadratus Zone
5544	Garza Peak	228	16	Canoas Creek	E-11	not on map	NP ages	middle Eocene Chiphragmalithus quadratus Zone
5545	Garza Peak	228	17	Canoas Creek	E-11	not on map	NP ages	middle Eocene Chiphragmalithus quadratus Zone
5546	Garza Peak	228	18	Canoas Creek	E-11	not on map	NP ages	middle Eocene Chiphragmalithus quadratus Zone
5547	Garza Peak	228	19	Canoas Creek	E-11	not on map	NP ages	middle Eocene Chiphragmalithus quadratus Zone
5548	Garza Peak	228	20	Canoas Creek	E-11	not on map	NP ages	middle Eocene Chiphragmalithus quadratus Zone
5549	Alcalde Hills	229	1	Los Gatos Creek	E-4	not on map		Cretaceous arenaceous foraminifers
5550	Alcalde Hills	229	2	Los Gatos Creek	E-4	not on map		Cretaceous arenaceous foraminifers

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
5551	Alcalde Hills	229	3	Los Gatos Creek	E-4	not on map		Cretaceous arenaceous foraminifers
5552	Curry Mountain	230	3	Jasper Creek	no slide	13/22S/14E	Buchia	Early Cretaceous
5553	Parkfield	230		Zapato Canyon	no slide	29/22S/23E		Early Cretaceous
5554	Santa Rosa Island S	230	2	Wreck Canyon	42-K		Have strat	middle Eocene A-2 Zone
5555	Santa Rosa Island S	230	3	Wreck Canyon	42-K		column	early Miocene Saucesian Stage
5556	Santa Rosa Island S	230	4	Wreck Canyon	42-K			early Miocene Saucesian Stage
5557	Santa Rosa Island S	230	7	Wreck Canyon	42-K			middle Eocene A-2 Zone
5558	Santa Rosa Island S	230	8	Wreck Canyon	42-K			middle Eocene A-2 Zone
5559	Santa Rosa Island S	230	9	Wreck Canyon	42-K			middle Eocene A-2 Zone
5560	Santa Rosa Island S	230	10	Wreck Canyon	42-K			middle Eocene A-2 Zone
5561	Santa Rosa Island S	230	11	Wreck Canyon	42-K			middle Eocene A-2 Zone
5562	Santa Rosa Island S	230	12	Wreck Canyon	42-K			middle Eocene A-2 Zone
5563	Santa Rosa Island S	230	13	Wreck Canyon	42-K			middle Eocene A-2 Zone
5564	Santa Rosa Island S	230	15	Wreck Canyon	42-K			middle Eocene A-2 Zone
5565	Santa Rosa Island S	230	16	Wreck Canyon	42-K			middle Eocene A-2 Zone
5566	Santa Rosa Island S	230	17	Wreck Canyon	42-K			middle Eocene A-2 Zone
5567	Santa Rosa Island S	230	18	Wreck Canyon	42-K			middle Eocene A-2 Zone
5568	Santa Rosa Island S	230	19	Wreck Canyon	42-K			middle Eocene A-2 Zone
5569	Santa Rosa Island S	230	20	Wreck Canyon	42-K			middle Eocene A-2 Zone
5570	Santa Rosa Island S	230	21	Wreck Canyon	42-K			middle Eocene A-2 Zone
5571	Santa Rosa Island S	230	22	Wreck Canyon	42-K			middle Eocene A-2 Zone
5572	Santa Rosa Island S	230	23	Wreck Canyon	42-K			middle Eocene A-2 Zone
5573	Santa Rosa Island S	230	25	Wreck Canyon	42-K			middle Eocene A-2 Zone
5574	Santa Rosa Island S	230	26	Wreck Canyon	42-K			middle Eocene A-2 Zone
5575	Santa Rosa Island S	230	27	Wreck Canyon	42-K			middle Eocene A-2 Zone
5576	Santa Rosa Island S	230	28	Wreck Canyon	42-K			middle Eocene A-2 Zone
5577	The Dark Hole	230	5	Bettram Creek	no slide	31/22S/15E	mollusks	Late Cretaceous
5578	Santa Rosa Island East	232	1	East Point	42-K	strat column		early Miocene Relizian Stage
5579	Santa Rosa Island East	232	2	East Point	42-K			early Miocene Relizian Stage
5580	Santa Rosa Island East	232	4	East Point	42-K			early Miocene Relizian Stage
5581	Santa Rosa Island East	232	6	East Point	42-K			early Miocene Relizian Stage
5582	Santa Rosa Island East	232	7	East Point	42-K			early Miocene Relizian Stage
5583	Santa Rosa Island East	232	8	East Point	42-K			early Miocene Relizian Stage
5584	Santa Rosa Island East	232	9	East Point	42-K			early Miocene Relizian Stage
5585	Santa Rosa Island East	232	10	East Point	42-K			early Miocene Relizian Stage
5586	Santa Rosa Island East	232	11	East Point	42-K			early Miocene Relizian Stage
5587	Santa Rosa Island East	232	12	East Point	42-K			early Miocene Relizian Stage
5588	Santa Rosa Island East	232	13	East Point	42-K			early Miocene Relizian Stage
5589	Santa Rosa Island East	232	15	East Point	42-K			early Miocene Relizian Stage
5590	Santa Rosa Island East	232	16	East Point	42-K			early Miocene Relizian Stage
5591	Monticello Dam	233	P1 etc	Putah Creek	148-G	not on map		Late Cretaceous G-2 Zone
5592	Monticello Dam	233	2	Putah Creek	148-G	not on map		Late Cretaceous G-2 Zone
5593	Monticello Dam	233	3	Putah Creek	148-G	not on map		Late Cretaceous G-2 Zone
5594	Monticello Dam	233	4	Putah Creek	148-G	not on map		Late Cretaceous G-2 Zone
5595	Monticello Dam	233	5	Putah Creek	148-G	not on map		Late Cretaceous G-2 Zone
5596	Monticello Dam	233	6	Putah Creek	148-G	not on map		Late Cretaceous G-2 Zone
5597	Santa Rosa Island N	233	2	SE part of quad	42-L		column	early Miocene Saucesian Stage
5598	Santa Rosa Island N	233	3	SE part of quad	42-L			early Miocene Saucesian Stage
5599	Santa Rosa Island N	233	4	SE part of quad	42-L			early Miocene Saucesian? Stage
5600	Santa Rosa Island N	233	6	SE part of quad	42-L			Miocene
5601	Santa Rosa Island N	233	7	SE part of quad	42-L			Oligocene Zemorrian Stage
5602	Oak Run	234	17	Oak Run Creek	152-J	Millville 15'	not on map	Cretaceous planktic foraminifers
5603	Oak Run	234	19	Oak Run Creek	152-J	Millville 15'	not on map	Cretaceous arenaceous foraminifers
5604	Oak Run	234	20	Oak Run Creek	152-J	Millville 15'	not on map	Cretaceous planktic foraminifers
5605	Santa Rosa Island N	234	2	SE part of quad	42-N	"Pecho Peak"	not on map	early Miocene
5606	Bella Vista	236	R43	Little Cow Creek	no slide	Millville 15'	not on map	has paleo but no ages provided
5607	Bella Vista	236	R44	Little Cow Creek	no slide	Millville 15'	not on map	has paleo but no ages provided
5608	Bella Vista	236	R45	Little Cow Creek	no slide	Millville 15'	not on map	has paleo but no ages provided
5609	Bella Vista	236	R46	Little Cow Creek	no slide	Millville 15'	not on map	has paleo but no ages provided
5610	Bella Vista	236	R47	Little Cow Creek	no slide	Millville 15'	not on map	has paleo but no ages provided
5611	Bella Vista	236	R48	Little Cow Creek	no slide	Millville 15'	not on map	has paleo but no ages provided
5612	Bella Vista	236	R49	Little Cow Creek	no slide	Millville 15'	not on map	has paleo but no ages provided
5613	Bella Vista	236	R50	Little Cow Creek	no slide	Millville 15'	not on map	has paleo but no ages provided
5614	Bella Vista	236	R51	Little Cow Creek	no slide	Millville 15'	not on map	has paleo but no ages provided
5615	Bella Vista	236	R52	Little Cow Creek	no slide	Millville 15'	not on map	has paleo but no ages provided
5616	Santa Rosa Island S	236	3	NW part of quad	no slide			early Miocene
5617	Bella Vista	237	R43 etc	Little Cow Creek	148-N	Millville 15'	not on map	Cretaceous planktic foraminifers
5618	Bella Vista	237	47	Little Cow Creek	148-N	Millville 15'	not on map	Cretaceous planktic foraminifers
5619	Bella Vista	237	50	Little Cow Creek	148-N	Millville 15'	not on map	Cretaceous planktic foraminifers
5620	Bella Vista	237	51	Little Cow Creek	148-N	Millville 15'	not on map	Cretaceous planktic foraminifers
5621	Santa Rosa Island N	237	3	WC part of quad	42-L		strat column	early Miocene Relizian Stage
5622	Santa Rosa Island N	237	4	WC part of quad	42-L			early Miocene Relizian Stage
5623	Santa Rosa Island N	237	5	WC part of quad	42-L			early Miocene Relizian Stage
5624	Santa Rosa Island N	237	6	WC part of quad	42-L			early Miocene Saucesian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
5625	Santa Rosa Island N	237	8	WC part of quad	42-L			early Miocene Saucesian Stage
5626	Santa Rosa Island N	237	9	WC part of quad	42-L			early Miocene Saucesian Stage
5627	Santa Rosa Island N	237	10	WC part of quad	42-L			early Miocene Saucesian Stage
5628	Santa Rosa Island N	237	11	WC part of quad	42-L			early Miocene Saucesian Stage
5629	Santa Rosa Island N	237	12	WC part of quad	42-L			early Miocene Saucesian Stage
5630	Santa Rosa Island N	237	13	WC part of quad	42-L			early Miocene Saucesian Stage
5631	Santa Rosa Island N	237	14	WC part of quad	42-L			early Miocene Saucesian Stage
5632	Santa Rosa Island N	237	15	WC part of quad	42-L			early Miocene Saucesian Stage
5633	Santa Rosa Island N	237	16	WC part of quad	42-L			early Miocene Saucesian Stage
5634	Santa Rosa Island N	237	18	WC part of quad	42-L			early Miocene Saucesian Stage
5635	Santa Rosa Island W	237	17	NE part of quad	42-L	strat column		early Miocene Saucesian Stage
5636	Santa Rosa Island W	237	20	NE part of quad	42-L			early Miocene Saucesian Stage
5637	Santa Rosa Island W	237	21	NE part of quad	42-L			early Miocene Saucesian Stage
5638	Santa Rosa Island W	237	32	NE part of quad	42-L			Oligocene upper Zemorrian Stage
5639	Paskenta	238	T1 etc	Thomes Creek	149-C	Paskenta 15'	Have many	Jurassic?
5640	Paskenta	238	2	Thomes Creek	149-C	Paskenta 15'	duplicates and	Jurassic?
5641	Paskenta	238	3	Thomes Creek	149-C	Paskenta 15'	strat column.	Jurassic or Cretaceous
5642	Paskenta	238	4	Thomes Creek	149-C	Paskenta 15'	Only localities	Jurassic or Cretaceous
5643	Paskenta	238	5	Thomes Creek	149-C	Paskenta 15'	1-22 are on	Jurassic or Cretaceous
5644	Paskenta	238	6	Thomes Creek	149-C	Paskenta 15'	map. Where	Jurassic or Cretaceous
5645	Paskenta	238	7	Thomes Creek	149-C	Paskenta 15'	are the rest?	Jurassic or Cretaceous
5646	Paskenta	238	8	Thomes Creek	149-C	Paskenta 15'		Jurassic or Cretaceous
5647	Paskenta	238	9	Thomes Creek	149-C	Paskenta 15'		Jurassic or Cretaceous
5648	Paskenta	238	10	Thomes Creek	149-C	Paskenta 15'		Jurassic or Cretaceous
5649	Paskenta	238	11	Thomes Creek	149-C	Paskenta 15'		Jurassic or Cretaceous
5650	Paskenta	238	12	Thomes Creek	149-C	Paskenta 15'		Jurassic or Cretaceous
5651	Paskenta	238	13	Thomes Creek	149-C	Paskenta 15'		Jurassic or Cretaceous
5652	Paskenta	238	14	Thomes Creek	149-C	Paskenta 15'		Jurassic or Cretaceous
5653	Paskenta	238	15	Thomes Creek	149-C	Paskenta 15'		Jurassic or Cretaceous
5654	Paskenta	238	16	Thomes Creek	149-D	Paskenta 15'		Jurassic or Cretaceous
5655	Paskenta	238	17	Thomes Creek	149-D	Paskenta 15'		Jurassic or Cretaceous
5656	Paskenta	238	18	Thomes Creek	149-D	Paskenta 15'		Jurassic or Cretaceous
5657	Paskenta	238	19	Thomes Creek	149-C	Paskenta 15'		Jurassic or Cretaceous
5658	Paskenta	238	20	Thomes Creek	149-D	Paskenta 15'		Jurassic or Cretaceous
5659	Paskenta	238	21	Thomes Creek	149-D	Paskenta 15'		Jurassic or Cretaceous
5660	Paskenta	238	22	Thomes Creek	149-D	Paskenta 15'		Jurassic?
5661	Paskenta	238	23	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5662	Paskenta	238	24	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5663	Paskenta	238	25	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5664	Paskenta	238	26	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5665	Paskenta	238	27	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5666	Paskenta	238	28	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5667	Paskenta	238	29	Thomes Creek	149-A	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5668	Paskenta	238	30	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5669	Paskenta	238	31	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5670	Paskenta	238	32	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5671	Paskenta	238	33	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5672	Paskenta	238	34	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5673	Paskenta	238	35	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5674	Paskenta	238	36	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5675	Paskenta	238	37	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5676	Paskenta	238	38	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5677	Paskenta	238	40	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5678	Paskenta	238	41	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5679	Paskenta	238	42	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5680	Paskenta	238	43	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5681	Paskenta	238	44	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous K Zone
5682	Paskenta	238	45	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous K Zone
5683	Paskenta	238	46	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous K Zone
5684	Paskenta	238	47	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous K Zone
5685	Paskenta	238	48	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous K Zone
5686	Paskenta	238	49	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous K Zone
5687	Paskenta	238	50	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous K Zone
5688	Paskenta	238	51	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous K Zone
5689	Paskenta	238	52	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous K Zone
5690	Paskenta	238	53	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous K Zone
5691	Paskenta	238	54	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous K Zone
5692	Paskenta	238	55	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous K Zone
5693	Paskenta	238	56	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous K Zone
5694	Paskenta	238	57	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous K Zone
5695	Paskenta	238	58	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5696	Paskenta	238	59	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5697	Paskenta	238	60	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5698	Paskenta	238	61	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
5699	Paskenta	238	62	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5700	Paskenta	238	63	Thomes Creek	149-D	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5701	Paskenta	238	65	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5702	Paskenta	238	66	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5703	Paskenta	238	67	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5704	Paskenta	238	68	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5705	Paskenta	238	69	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5706	Paskenta	238	70	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5707	Paskenta	238	71	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5708	Paskenta	238	72	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5709	Paskenta	238	73	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5710	Paskenta	238	74	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5711	Paskenta	238	75	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5712	Paskenta	238	76	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5713	Paskenta	238	77	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5714	Paskenta	238	78	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5715	Paskenta	238	79	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5716	Paskenta	238	80	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5717	Paskenta	238	81	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5718	Paskenta	238	82	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5719	Paskenta	238	83	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5720	Paskenta	238	84	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5721	Paskenta	238	85	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5722	Paskenta	238	86	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5723	Paskenta	238	87	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5724	Paskenta	238	88	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5725	Paskenta	238	89	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5726	Paskenta	238	90	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5727	Paskenta	238	91	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5728	Paskenta	238	92	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5729	Paskenta	238	93	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5730	Paskenta	238	94	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous arenaceous foraminifers
5731	Paskenta	238	95	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5732	Paskenta	238	96	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5733	Paskenta	238	97	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5734	Paskenta	238	98	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5735	Paskenta	238	99	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5736	Paskenta	238	100	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5737	Paskenta	238	102	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5738	Paskenta	238	103	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5739	Paskenta	238	104	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5740	Paskenta	238	105	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5741	Paskenta	238	106	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5742	Paskenta	238	107	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5743	Paskenta	238	108	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5744	Paskenta	238	109	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5745	Paskenta	238	110	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5746	Paskenta	238	111	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5747	Paskenta	238	112	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5748	Paskenta	238	113	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5749	Paskenta	238	114	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5750	Paskenta	238	115	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5751	Paskenta	238	116	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5752	Paskenta	238	117	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5753	Paskenta	238	118	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5754	Paskenta	238	119	Thomes Creek	149-E	Paskenta 15'		Early Cretaceous J Zone
5755	Paskenta	238	120	Thomes Creek	149-F	Paskenta 15'		Early Cretaceous J Zone
5756	Paskenta	238	121	Thomes Creek	149-F	Paskenta 15'		Early Cretaceous J Zone
5757	Paskenta	238	122	Thomes Creek	149-F	Paskenta 15'		Early Cretaceous J Zone
5758	Paskenta	238	124	Thomes Creek	149-F	Paskenta 15'		Early Cretaceous J Zone
5759	Paskenta	238	125	Thomes Creek	149-F	Paskenta 15'		Early Cretaceous J Zone
5760	Paskenta	238	126	Thomes Creek	149-F	Paskenta 15'		Early Cretaceous J Zone
5761	Paskenta	238	127	Thomes Creek	149-F	Paskenta 15'		Early Cretaceous J Zone
5762	Paskenta	238	128	Thomes Creek	149-F	Paskenta 15'		Early Cretaceous J Zone
5763	Paskenta	238	130	Thomes Creek	149-F	Paskenta 15'		Early Cretaceous J Zone
5764	Paskenta	238	131	Thomes Creek	149-F	Paskenta 15'		Early Cretaceous J Zone
5765	Paskenta	238	132	Thomes Creek	149-F	Paskenta 15'		Early Cretaceous J Zone
5766	Paskenta	238	133	Thomes Creek	149-F	Paskenta 15'		Early Cretaceous J Zone
5767	Paskenta	238	134	Thomes Creek	149-F	Paskenta 15'		Early Cretaceous J Zone
5768	Paskenta	238	135	Thomes Creek	149-F	Paskenta 15'		Early Cretaceous J Zone
5769	Paskenta	238	136	Thomes Creek	149-F	Paskenta 15'		Early Cretaceous J Zone
5770	Paskenta	238	137	Thomes Creek	149-F	Paskenta 15'		Early Cretaceous J Zone
5771	Paskenta	238	138	Thomes Creek	149-F	Paskenta 15'		Early Cretaceous J Zone
5772	Paskenta	238	139	Thomes Creek	149-F	Paskenta 15'		Early Cretaceous J Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
5773	Paskenta	238	slide 1	Thomes Creek	149-F	faunal slide		assemblage
5774	Paskenta	238	slide 2	Thomes Creek	149-F	faunal slide		assemblage
5775	Paskenta	238	slide 3	Thomes Creek	149-F	faunal slide		assemblage
5776	Paskenta	238	slide 4	Thomes Creek	149-F	faunal slide		assemblage
5777	Paskenta	238	slide 5	Thomes Creek	149-F	faunal slide		assemblage
5778	Chickabally Mountain E	239	D-1 etc	Dry Creek	148-K	Ono 15'	Have strat	Late Cretaceous G-2 Zone
5779	Chickabally Mountain E	239	2	Dry Creek	148-K	Ono 15'	column and	Late Cretaceous G-2 Zone
5780	Chickabally Mountain E	239	3	Dry Creek	148-K	Ono 15'	form check	Late Cretaceous G-2 Zone
5781	Chickabally Mountain E	239	4	Dry Creek	148-K	Ono 15'	list.	Late Cretaceous G-2 Zone
5782	Chickabally Mountain E	239	5	Dry Creek	148-K	Ono 15'		Late Cretaceous G-2 Zone
5783	Chickabally Mountain E	239	6	Dry Creek	148-K	Ono 15'		Late Cretaceous G-2 Zone
5784	Chickabally Mountain E	239	7	Dry Creek	148-K	Ono 15'		Late Cretaceous G-2 Zone
5785	Chickabally Mountain E	239	9	Dry Creek	148-K	Ono 15'		Late Cretaceous G-2 Zone
5786	Chickabally Mountain E	239	11	Dry Creek	148-K	Ono 15'		Late Cretaceous G-2 Zone
5787	Chickabally Mountain E	239	12	Dry Creek	148-K	Ono 15'		Late Cretaceous G-2 Zone
5788	Chickabally Mountain E	239	13	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5789	Chickabally Mountain E	239	14	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5790	Chickabally Mountain E	239	15	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5791	Chickabally Mountain E	239	16	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5792	Chickabally Mountain E	239	17	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5793	Chickabally Mountain E	239	18	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5794	Chickabally Mountain E	239	19	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5795	Chickabally Mountain E	239	20	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5796	Chickabally Mountain E	239	21	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5797	Chickabally Mountain E	239	22	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5798	Chickabally Mountain E	239	23	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5799	Chickabally Mountain E	239	24	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5800	Chickabally Mountain E	239	25	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5801	Chickabally Mountain E	239	26	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5802	Chickabally Mountain E	239	27	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5803	Chickabally Mountain E	239	28	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5804	Chickabally Mountain E	239	29	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5805	Chickabally Mountain E	239	30	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5806	Chickabally Mountain E	239	31	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5807	Chickabally Mountain E	239	33	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5808	Chickabally Mountain E	239	34	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5809	Chickabally Mountain E	239	35	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5810	Chickabally Mountain E	239	36	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5811	Chickabally Mountain E	239	37	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5812	Chickabally Mountain E	239	38	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5813	Chickabally Mountain E	239	39	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5814	Chickabally Mountain E	239	40	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5815	Chickabally Mountain E	239	41	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5816	Chickabally Mountain E	239	42	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5817	Chickabally Mountain E	239	43	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5818	Chickabally Mountain E	239	44	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5819	Chickabally Mountain E	239	45	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5820	Chickabally Mountain E	239	46	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5821	Chickabally Mountain E	239	47	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5822	Chickabally Mountain E	239	48	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5823	Chickabally Mountain W	239	49	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5824	Chickabally Mountain W	239	50	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5825	Chickabally Mountain W	239	51	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5826	Chickabally Mountain W	239	52	Dry Creek	148-K	Ono 15'		Late Cretaceous H Zone
5827	Chickabally Mountain W	239	53	Dry Creek	148-K	Ono 15'		Late Cretaceous I Zone
5828	Chickabally Mountain W	239	54	Dry Creek	148-L	Ono 15'		Late Cretaceous I Zone
5829	Chickabally Mountain W	239	55	Dry Creek	148-L	Ono 15'		Late Cretaceous I Zone
5830	Chickabally Mountain W	239	56	Dry Creek	148-L	Ono 15'		Late Cretaceous I Zone
5831	Chickabally Mountain W	239	57	Dry Creek	148-L	Ono 15'		Late Cretaceous I Zone
5832	Chickabally Mountain W	239	58	Dry Creek	148-L	Ono 15'		Late Cretaceous I Zone
5833	Chickabally Mountain W	239	59	Dry Creek	148-L	Ono 15'		Late Cretaceous I Zone
5834	Chickabally Mountain W	239	60	Dry Creek	148-L	Ono 15'		Late Cretaceous I Zone
5835	Chickabally Mountain W	239	61	Dry Creek	148-L	Ono 15'		Late Cretaceous I Zone
5836	Chickabally Mountain W	239	62	Dry Creek	148-L	Ono 15'		Late Cretaceous I Zone
5837	Chickabally Mountain W	239	63	Dry Creek	148-L	Ono 15'		Late Cretaceous I Zone
5838	Chickabally Mountain W	239	64	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5839	Chickabally Mountain W	239	65	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5840	Chickabally Mountain W	239	66	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5841	Chickabally Mountain W	239	67	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5842	Chickabally Mountain W	239	67A	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5843	Chickabally Mountain W	239	68	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5844	Chickabally Mountain W	239	69	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5845	Chickabally Mountain W	239	70	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5846	Chickabally Mountain W	239	71	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
5847	Chickabally Mountain W	239	72	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5848	Chickabally Mountain W	239	73	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5849	Chickabally Mountain W	239	74	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5850	Chickabally Mountain W	239	75	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5851	Chickabally Mountain W	239	76	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5852	Chickabally Mountain W	239	77	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5853	Chickabally Mountain W	239	78	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5854	Chickabally Mountain W	239	79	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5855	Chickabally Mountain W	239	80	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5856	Chickabally Mountain W	239	81	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5857	Chickabally Mountain W	239	82	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5858	Chickabally Mountain W	239	84	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5859	Chickabally Mountain W	239	85	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5860	Chickabally Mountain W	239	86	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5861	Chickabally Mountain W	239	87	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5862	Chickabally Mountain W	239	88	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5863	Chickabally Mountain W	239	89	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5864	Chickabally Mountain W	239	90	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5865	Chickabally Mountain W	239	91	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5866	Chickabally Mountain W	239	92	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5867	Chickabally Mountain W	239	93	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5868	Chickabally Mountain W	239	94	Dry Creek	148-L	Ono 15'		Late Cretaceous J-1 Zone
5869	Santa Rosa Island E?	239	4	Santa Rosa Island	42-L	not on map. Near	column	early Miocene Relizian Stage
5870	Santa Rosa Island E?	239	7	Santa Rosa Island	42-L	loc#251		early Miocene Relizian Stage
5871	San Marcos Pass	240	1	Oso Canyon	68-G	Very nice faunas		middle Eocene
5872	San Marcos Pass	240	2	Oso Canyon	68-G	with planktics		middle Eocene
5873	San Marcos Pass	240	3	Oso Canyon	68-G			middle Eocene
5874	San Marcos Pass	240	4	Oso Canyon	68-G			middle Eocene
5875	San Marcos Pass	240	4A	Oso Canyon	68-G			middle Eocene
5876	San Marcos Pass	240	5	Oso Canyon	68-G			middle Eocene
5877	San Marcos Pass	240	6	Oso Canyon	68-G			middle Eocene
5878	San Marcos Pass	240	10	Oso Canyon	68-G			middle Eocene
5879	San Marcos Pass	240	11	Oso Canyon	68-G			middle Eocene
5880	San Marcos Pass	240	12	Oso Canyon	68-G			middle Eocene
5881	San Marcos Pass	240	13	Oso Canyon	68-G			middle Eocene
5882	San Marcos Pass	240	14	Oso Canyon	68-G			middle Eocene
5883	San Marcos Pass	240	15	Oso Canyon	68-G			middle Eocene
5884	San Marcos Pass	240	16	Oso Canyon	68-G			middle Eocene
5885	San Marcos Pass	240	17	Oso Canyon	68-G			middle Eocene
5886	San Marcos Pass	240	18	Oso Canyon	68-G			middle Eocene
5887	San Marcos Pass	240	19	Oso Canyon	68-G			middle Eocene
5888	San Marcos Pass	240	20	Oso Canyon	68-G			middle Eocene
5889	San Marcos Pass	240	21	Oso Canyon	68-G			middle Eocene
5890	San Marcos Pass	240	22	Oso Canyon	68-G			middle Eocene
5891	San Marcos Pass	240	23	Oso Canyon	68-G			middle Eocene
5892	San Marcos Pass	240	24	Oso Canyon	68-G			middle Eocene
5893	San Marcos Pass	240	25	Oso Canyon	68-G			middle Eocene
5894	San Marcos Pass	240	26	Oso Canyon	68-G			middle Eocene
5895	Oakland East	240	1	Old Redwood Cyn R	F-14	not on map		Late Cretaceous
5896	Oakland East	240	2	Old Redwood Cyn R	F-14	not on map		Late Cretaceous
5897	Oakland East	240	3	Old Redwood Cyn R	F-14	not on map		Late Cretaceous
5898	Oakland East	240	4	Old Redwood Cyn R	F-14	not on map		Late Cretaceous
5899	Oakland East	240	5	Old Redwood Cyn R	F-14	not on map		Late Cretaceous
5900	Oakland East	240	6	Old Redwood Cyn R	F-14	not on map		Late Cretaceous
5901	Monticello Dam	241	P-8 etc	Putah Creek	148-G	not on map	strat column	Late Cretaceous arenaceous foraminifers
5902	Monticello Dam	241	9	Putah Creek	148-G	not on map	strat column	Late Cretaceous arenaceous foraminifers
5903	Monticello Dam	241	11	Putah Creek	148-G	not on map	strat column	Late Cretaceous arenaceous foraminifers
5904	Monticello Dam	241	12	Putah Creek	148-G	not on map	strat column	Late Cretaceous arenaceous foraminifers
5905	Monticello Dam	241	13	Putah Creek	148-G	not on map	strat column	Late Cretaceous arenaceous foraminifers
5906	Monticello Dam	241	14	Putah Creek	148-G	not on map	strat column	Late Cretaceous arenaceous foraminifers
5907	Monticello Dam	241	15	Putah Creek	148-G	not on map	strat column	Late Cretaceous arenaceous foraminifers
5908	Monticello Dam	241	16	Putah Creek	148-G	not on map	strat column	Late Cretaceous arenaceous foraminifers
5909	Monticello Dam	241	17	Putah Creek	148-G	not on map	strat column	Late Cretaceous arenaceous foraminifers
5910	Monticello Dam	241	18	Putah Creek	148-G	not on map	strat column	Late Cretaceous arenaceous foraminifers
5911	Monticello Dam	241	20	Putah Creek	148-G	not on map	strat column	Late Cretaceous probably G-2 Zone
5912	Monticello Dam	241	21	Putah Creek	148-G	not on map	strat column	Late Cretaceous probably G-2 Zone
5913	Monticello Dam	241	24	Putah Creek	148-G	not on map	strat column	Late Cretaceous probably G-2 Zone
5914	Monticello Dam	241	26	Putah Creek	148-G	not on map	strat column	Late Cretaceous probably G-1 Zone
5915	Monticello Dam	241	27	Putah Creek	148-G	not on map	strat column	Late Cretaceous probably G-1 Zone
5916	Monticello Dam	241	28	Putah Creek	148-G	not on map	strat column	Late Cretaceous probably G-1 Zone
5917	Monticello Dam	241	29	Putah Creek	148-G	not on map	strat column	Late Cretaceous probably G-1 Zone
5918	Monticello Dam	241	30	Putah Creek	148-G	not on map	strat column	Late Cretaceous probably G-1 Zone
5919	Monticello Dam	241	33	Putah Creek	148-G	not on map	strat column	Late Cretaceous arenaceous foraminifers
5920	Monticello Dam	241	35	Putah Creek	148-G	not on map	strat column	Late Cretaceous arenaceous foraminifers

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
5921	Monticello Dam	241	37	Putah Creek	148-G	not on map	strat column	Late Cretaceous arenaceous foraminifers
5922	Monticello Dam	241	38	Putah Creek	148-G	not on map	strat column	Late Cretaceous arenaceous foraminifers
5923	Monticello Dam	241	39	Putah Creek	148-G	not on map	strat column	Late Cretaceous arenaceous foraminifers
5924	Monticello Dam	241	40	Putah Creek	148-G	not on map	strat column	Late Cretaceous arenaceous foraminifers
5925	San Marcos Pass	241	1	Oso Canyon	68-G	Have strat column		middle Eocene
5926	San Marcos Pass	241	2	Oso Canyon	68-G			middle Eocene
5927	San Marcos Pass	241	3	Oso Canyon	68-G			middle Eocene
5928	San Marcos Pass	241	4	Oso Canyon	68-G			middle Eocene
5929	San Marcos Pass	241	5	Oso Canyon	68-G			middle Eocene
5930	San Marcos Pass	241	6	Oso Canyon	68-G			middle Eocene
5931	San Marcos Pass	241	7	Oso Canyon	68-G			middle Eocene
5932	San Marcos Pass	241	8	Oso Canyon	68-G			middle Eocene
5933	San Marcos Pass	241	9	Oso Canyon	68-G			middle Eocene
5934	San Marcos Pass	241	10	Oso Canyon	68-G			middle Eocene
5935	San Marcos Pass	241	11	Oso Canyon	68-G			middle Eocene
5936	Glascock Mountain	242	C-1 etc	Cache Creek	148-A	Morgan Valley 15'	Have check list	Late Cretaceous G-2 Zone
5937	Glascock Mountain	242	2	Cache Creek	148-A	Morgan Valley 15'	strat column	Late Cretaceous G-2 Zone
5938	Glascock Mountain	242	3	Cache Creek	148-A	Morgan Valley 15'	and	Late Cretaceous G-2 Zone
5939	Glascock Mountain	242	4	Cache Creek	148-B	Morgan Valley 15'	index map for	Late Cretaceous G-2 Zone
5940	Glascock Mountain	242	5	Cache Creek	148-B	Morgan Valley 15'	localities	Late Cretaceous G-2 Zone
5941	Glascock Mountain	242	6	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5942	Glascock Mountain	242	7	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5943	Glascock Mountain	242	8	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5944	Glascock Mountain	242	9	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5945	Glascock Mountain	242	10	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5946	Glascock Mountain	242	11	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5947	Glascock Mountain	242	12	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5948	Glascock Mountain	242	13	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5949	Glascock Mountain	242	14	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5950	Glascock Mountain	242	15	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5951	Glascock Mountain	242	16	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5952	Glascock Mountain	242	17	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5953	Glascock Mountain	242	19	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5954	Glascock Mountain	242	20	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5955	Glascock Mountain	242	21	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5956	Glascock Mountain	242	22	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5957	Glascock Mountain	242	23	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5958	Glascock Mountain	242	24	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5959	Glascock Mountain	242	25	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5960	Glascock Mountain	242	26	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5961	Glascock Mountain	242	27	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5962	Glascock Mountain	242	28	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5963	Glascock Mountain	242	29	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5964	Glascock Mountain	242	30	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5965	Glascock Mountain	242	31	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5966	Glascock Mountain	242	32	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5967	Glascock Mountain	242	33	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5968	Glascock Mountain	242	34	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5969	Glascock Mountain	242	35	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5970	Glascock Mountain	242	36	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5971	Glascock Mountain	242	37	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5972	Glascock Mountain	242	44	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous H Zone
5973	Glascock Mountain	242	45	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous H Zone
5974	Glascock Mountain	242	46	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous H Zone
5975	Glascock Mountain	242	47	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous H Zone
5976	Glascock Mountain	242	48	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous H Zone
5977	Glascock Mountain	242	50	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5978	Glascock Mountain	242	51	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5979	Glascock Mountain	242	52	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5980	Glascock Mountain	242	53	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5981	Glascock Mountain	242	54	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5982	Glascock Mountain	242	55	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5983	Glascock Mountain	242	56	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5984	Glascock Mountain	242	57	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5985	Glascock Mountain	242	58	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5986	Glascock Mountain	242	59	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5987	Glascock Mountain	242	60	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5988	Glascock Mountain	242	61	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous G-2 Zone
5989	Glascock Mountain	242	63	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous H Zone
5990	Glascock Mountain	242	64	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous H Zone
5991	Glascock Mountain	242	66	Cache Creek	148-B	Morgan Valley 15'		Late Cretaceous H Zone
5992	Glascock Mountain	242	68	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
5993	Glascock Mountain	242	69	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
5994	Glascock Mountain	242	70	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
5995	Glascock Mountain	242	72	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
5996	Glascock Mountain	242	73	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
5997	Glascock Mountain	242	74	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
5998	Glascock Mountain	242	75	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
5999	Glascock Mountain	242	76	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
6000	Glascock Mountain	242	78	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
6001	Glascock Mountain	242	79	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
6002	Glascock Mountain	242	80	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
6003	Glascock Mountain	242	81	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
6004	Glascock Mountain	242	82	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
6005	Glascock Mountain	242	83	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
6006	Glascock Mountain	242	84	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
6007	Glascock Mountain	242	85	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
6008	Glascock Mountain	242	86	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
6009	Glascock Mountain	242	87	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
6010	Glascock Mountain	242	88	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
6011	Glascock Mountain	242	89	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
6012	Glascock Mountain	242	90	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous H Zone
6013	Glascock Mountain	242	91	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6014	Glascock Mountain	242	92	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6015	Glascock Mountain	242	93	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6016	Glascock Mountain	242	94	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6017	Glascock Mountain	242	95	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6018	Glascock Mountain	242	96	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6019	Glascock Mountain	242	97	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6020	Glascock Mountain	242	98	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6021	Glascock Mountain	242	99	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6022	Glascock Mountain	242	100	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6023	Glascock Mountain	242	101	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6024	Glascock Mountain	242	103	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6025	Glascock Mountain	242	106	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6026	Glascock Mountain	242	107	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6027	Glascock Mountain	242	108	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6028	Glascock Mountain	242	109	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6029	Glascock Mountain	242	111	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6030	Glascock Mountain	242	112	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6031	Glascock Mountain	242	113	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6032	Glascock Mountain	242	114	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6033	Glascock Mountain	242	115	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6034	Glascock Mountain	242	116	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6035	Glascock Mountain	242	117	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6036	Glascock Mountain	242	118	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6037	Glascock Mountain	242	119	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6038	Glascock Mountain	242	120	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6039	Glascock Mountain	242	121	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6040	Glascock Mountain	242	122	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6041	Glascock Mountain	242	123	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6042	Glascock Mountain	242	124	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6043	Glascock Mountain	242	125	Cache Creek	148-C	Morgan Valley 15'		Late Cretaceous I-1 Zone
6044	Glascock Mountain	242	126	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-1 Zone
6045	Glascock Mountain	242	127	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-1 Zone
6046	Glascock Mountain	242	128	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous G-2 Zone
6047	Glascock Mountain	242	129	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous G-2 Zone
6048	Glascock Mountain	242	130	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous G-2 Zone
6049	Glascock Mountain	242	131	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6050	Glascock Mountain	242	132	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6051	Glascock Mountain	242	133	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6052	Glascock Mountain	242	134	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6053	Glascock Mountain	242	135	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6054	Glascock Mountain	242	136	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6055	Glascock Mountain	242	137	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6056	Glascock Mountain	242	140	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6057	Glascock Mountain	242	141	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6058	Glascock Mountain	242	143	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6059	Glascock Mountain	242	144	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6060	Glascock Mountain	242	145	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6061	Glascock Mountain	242	146	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6062	Glascock Mountain	242	147	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6063	Glascock Mountain	242	148	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6064	Glascock Mountain	242	149	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6065	Glascock Mountain	242	150	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6066	Glascock Mountain	242	151	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6067	Glascock Mountain	242	152	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6068	Glascock Mountain	242	153	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
6069	Glascock Mountain	242	154	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6070	Glascock Mountain	242	155	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6071	Glascock Mountain	242	156	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6072	Glascock Mountain	242	157	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6073	Glascock Mountain	242	158	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6074	Glascock Mountain	242	159	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6075	Glascock Mountain	242	160	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6076	Glascock Mountain	242	161	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6077	Glascock Mountain	242	162	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6078	Glascock Mountain	242	163	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6079	Glascock Mountain	242	164	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6080	Glascock Mountain	242	165	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6081	Glascock Mountain	242	166	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6082	Glascock Mountain	242	167	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6083	Glascock Mountain	242	168	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6084	Glascock Mountain	242	169	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6085	Glascock Mountain	242	170	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6086	Glascock Mountain	242	171	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6087	Glascock Mountain	242	172	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6088	Glascock Mountain	242	173	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6089	Glascock Mountain	242	174	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6090	Glascock Mountain	242	175	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6091	Glascock Mountain	242	176	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6092	Glascock Mountain	242	177	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6093	Glascock Mountain	242	178	Cache Creek	148-D	Morgan Valley 15'		Late Cretaceous I-2 Zone
6094	Glascock Mountain	242	179	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6095	Glascock Mountain	242	180	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6096	Glascock Mountain	242	181	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6097	Glascock Mountain	242	182	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6098	Glascock Mountain	242	183	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6099	Glascock Mountain	242	184	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6100	Glascock Mountain	242	185	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6101	Glascock Mountain	242	187	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6102	Glascock Mountain	242	188	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6103	Glascock Mountain	242	189	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6104	Glascock Mountain	242	190	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6105	Glascock Mountain	242	191	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6106	Glascock Mountain	242	192	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6107	Glascock Mountain	242	193	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6108	Glascock Mountain	242	194	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6109	Glascock Mountain	242	195	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6110	Glascock Mountain	242	196	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6111	Glascock Mountain	242	197	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6112	Glascock Mountain	242	198	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6113	Glascock Mountain	242	199	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6114	Glascock Mountain	242	200	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6115	Glascock Mountain	242	201	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6116	Glascock Mountain	242	202	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6117	Glascock Mountain	242	203	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6118	Glascock Mountain	242	204	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6119	Glascock Mountain	242	205	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6120	Glascock Mountain	242	206	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6121	Glascock Mountain	242	207	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6122	Glascock Mountain	242	208	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6123	Glascock Mountain	242	209	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6124	Glascock Mountain	242	210	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6125	Glascock Mountain	242	211	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6126	Glascock Mountain	242	212	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6127	Glascock Mountain	242	213	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6128	Glascock Mountain	242	214	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6129	Glascock Mountain	242	215	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6130	Glascock Mountain	242	216	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6131	Glascock Mountain	242	217	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6132	Glascock Mountain	242	218	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6133	Glascock Mountain	242	219	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6134	Glascock Mountain	242	220	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6135	Glascock Mountain	242	221	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6136	Glascock Mountain	242	222	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6137	Glascock Mountain	242	223	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6138	Glascock Mountain	242	224	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6139	Glascock Mountain	242	225	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6140	Glascock Mountain	242	226	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6141	Glascock Mountain	242	227	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6142	Glascock Mountain	242	228	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
6143	Glascock Mountain	242	229	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6144	Glascock Mountain	242	230	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6145	Glascock Mountain	242	231	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6146	Glascock Mountain	242	232	Cache Creek	148-E	Morgan Valley 15'		Late Cretaceous I-2 Zone
6147	Glascock Mountain	242	233	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6148	Glascock Mountain	242	234	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6149	Glascock Mountain	242	235	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6150	Glascock Mountain	242	236	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6151	Glascock Mountain	242	237	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6152	Glascock Mountain	242	238	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6153	Glascock Mountain	242	239	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6154	Glascock Mountain	242	240	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6155	Glascock Mountain	242	241	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6156	Glascock Mountain	242	242	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6157	Glascock Mountain	242	243	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6158	Glascock Mountain	242	244	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6159	Glascock Mountain	242	245	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6160	Glascock Mountain	242	246	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6161	Glascock Mountain	242	247	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6162	Glascock Mountain	242	248	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6163	Glascock Mountain	242	249	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6164	Glascock Mountain	242	250	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6165	Glascock Mountain	242	252	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6166	Glascock Mountain	242	253	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6167	Glascock Mountain	242	254	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6168	Glascock Mountain	242	255	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6169	Glascock Mountain	242	256	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6170	Glascock Mountain	242	257	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6171	Glascock Mountain	242	258	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6172	Glascock Mountain	242	259	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6173	Glascock Mountain	242	250	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6174	Glascock Mountain	242	261	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6175	Glascock Mountain	242	262	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6176	Glascock Mountain	242	264	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6177	Glascock Mountain	242	266	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6178	Glascock Mountain	242	267	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6179	Glascock Mountain	242	268	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6180	Glascock Mountain	242	269	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6181	Glascock Mountain	242	270	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6182	Glascock Mountain	242	271	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6183	Glascock Mountain	242	273	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6184	Glascock Mountain	242	274	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6185	Glascock Mountain	242	275	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6186	Glascock Mountain	242	276	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6187	Glascock Mountain	242	277	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6188	Glascock Mountain	242	278	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6189	Glascock Mountain	242	279	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6190	Glascock Mountain	242	280	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6191	Glascock Mountain	242	281	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6192	Glascock Mountain	242	282	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6193	Glascock Mountain	242	283	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6194	Glascock Mountain	242	284	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6195	Glascock Mountain	242	286	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6196	Glascock Mountain	242	287	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6197	Glascock Mountain	242	288	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6198	Glascock Mountain	242	289	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6199	Glascock Mountain	242	290	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6200	Glascock Mountain	242	292	Cache Creek	148-F	Morgan Valley 15'		Late Cretaceous I-2 Zone
6201	Glascock Mountain	242	296	Cache Creek	148-G	Morgan Valley 15'		Late Cretaceous I-2 Zone
6202	Glascock Mountain	242	297	Cache Creek	148-G	Morgan Valley 15'		Late Cretaceous I-2 Zone
6203	Glascock Mountain	242	298	Cache Creek	148-G	Morgan Valley 15'		Late Cretaceous I-2 Zone
6204	Glascock Mountain	242	299	Cache Creek	148-G	Morgan Valley 15'		Late Cretaceous I-2 Zone
6205	Glascock Mountain	242	301	Cache Creek	148-G	Morgan Valley 15'		Late Cretaceous I-2 Zone
6206	San Marcos Pass	242	1	Oso Canyon	26-K		Have strat	Eocene
6207	San Marcos Pass	242	2	Oso Canyon	26-K		column	Eocene
6208	San Marcos Pass	242	3	Oso Canyon	26-K			Eocene
6209	San Marcos Pass	242	4	Oso Canyon	26-K			Eocene
6210	Topatopa Mountains	243	1	Sespe Creek area	26-J			Eocene
6211	Topatopa Mountains	243	2	Sespe Creek area	26-J			Eocene
6212	Topatopa Mountains	243	3	Sespe Creek area	26-J			Eocene
6213	Topatopa Mountains	243	4	Sespe Creek area	26-J			Eocene
6214	Topatopa Mountains	243	5	Sespe Creek area	26-J			Eocene
6215	Topatopa Mountains	243	6	Sespe Creek area	26-J			Eocene
6216	Topatopa Mountains	243	7	Sespe Creek area	26-J			Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
6217	Topatopa Mountains	243	8	Sespe Creek area	26-J			Eocene
6218	Topatopa Mountains	243	9	Sespe Creek area	26-J			Eocene
6219	Topatopa Mountains	243	9B	Sespe Creek area	26-J			Eocene
6220	Topatopa Mountains	243	10	Sespe Creek area	26-J			Eocene
6221	Topatopa Mountains	243	12	Sespe Creek area	26-J			Eocene
6222	Topatopa Mountains	243	13	Sespe Creek area	26-J			Eocene
6223	Topatopa Mountains	243	14	Sespe Creek area	26-J			Eocene
6224	Topatopa Mountains	243	16	Sespe Creek area	26-J			Eocene
6225	Topatopa Mountains	243	17	Sespe Creek area	26-J			Eocene
6226	Topatopa Mountains	243	20	Sespe Creek area	26-J			Eocene
6227	Topatopa Mountains	243	21	Sespe Creek area	26-J			Eocene
6228	Topatopa Mountains	243	22	Sespe Creek area	26-J			Eocene
6229	Topatopa Mountains	243	25	Sespe Creek area	26-J			Eocene
6230	Topatopa Mountains	243	26	Sespe Creek area	26-J			Eocene
6231	Topatopa Mountains	243	28	Sespe Creek area	26-J			Eocene
6232	Topatopa Mountains	243	29	Sespe Creek area	26-J			Eocene
6233	Topatopa Mountains	243		Sespe Creek area	A-1			assemblage slide
6234	Point Conception	244		near Pt Conception	A-1	marine Sespe	not on map	Oligocene?
6235	Rail Canyon	244	213	W of Logan Creek	150-I	Lodoga 15'	not on map	Late Cretaceous possibly H Zone
6236	Rail Canyon	244	214	W of Logan Creek	150-I	Lodoga 15'	not on map	Late Cretaceous possibly H Zone
6237	Rail Canyon	244	215	W of Logan Creek	150-I	Lodoga 15'	not on map	Late Cretaceous possibly H Zone
6238	Rail Canyon	244	216	W of Logan Creek	150-I	Lodoga 15'	not on map	Late Cretaceous possibly H Zone
6239	Rail Canyon	244	217	W of Logan Creek	150-I	Lodoga 15'	not on map	Late Cretaceous possibly H Zone
6240	Rail Canyon	244	218	W of Logan Creek	150-I	Lodoga 15'	not on map	Late Cretaceous possibly H Zone
6241	Topatopa Mountains	244	1	Sespe Creek area	54-I			Miocene
6242	Topatopa Mountains	244	2	Sespe Creek area	54-I			Miocene
6243	Topatopa Mountains	244	3	Sespe Creek area	54-I			Miocene
6244	Topatopa Mountains	244	4	Sespe Creek area	54-I			Miocene
6245	Topatopa Mountains	244	5	Sespe Creek area	54-I			Miocene
6246	Topatopa Mountains	244	7	Sespe Creek area	54-I			Miocene
6247	Topatopa Mountains	244	8	Sespe Creek area	54-I			Miocene
6248	Topatopa Mountains	244	9	Sespe Creek area	54-I			Miocene
6249	Topatopa Mountains	244	10	Sespe Creek area	54-I			Miocene
6250	Topatopa Mountains	244	12	Sespe Creek area	54-I			Miocene
6251	Topatopa Mountains	244	14	Sespe Creek area	54-I			Miocene
6252	Topatopa Mountains	244	15	Sespe Creek area	54-I			Miocene
6253	Topatopa Mountains	244	16	Sespe Creek area	54-I			Miocene
6254	Topatopa Mountains	244	17	Sespe Creek area	54-I			Miocene
6255	Topatopa Mountains	244	18A	Sespe Creek area	54-I			Miocene
6256	Topatopa Mountains	244	18B	Sespe Creek area	54-I			Miocene
6257	Topatopa Mountains	244	18C	Sespe Creek area	54-I			Miocene
6258	Topatopa Mountains	244	18D	Sespe Creek area	54-I			Miocene
6259	Lodoga	245	30	Grapevine Pass	152-F	strat column and	check list	Early Cretaceous K Zone
6260	Lodoga	245	31	Grapevine Pass	152-F	Also have duplicate	slides?	Early Cretaceous J-2 Zone
6261	Lodoga	245	32	Grapevine Pass	152-F	Lodoga 15'		Early Cretaceous J-2 Zone
6262	Lodoga	245	33	Grapevine Pass	152-F	Lodoga 15'		Early Cretaceous J-2 Zone
6263	Lodoga	245	34	Grapevine Pass	152-F	Lodoga 15'		Early Cretaceous J-2 Zone
6264	Lodoga	245	35	Grapevine Pass	152-F	Lodoga 15'		Early Cretaceous J-2 Zone
6265	Lodoga	245	36	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6266	Lodoga	245	37	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6267	Lodoga	245	38	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6268	Lodoga	245	39	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6269	Lodoga	245	40	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6270	Lodoga	245	41	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6271	Lodoga	245	42	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6272	Lodoga	245	43	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6273	Lodoga	245	44	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6274	Lodoga	245	45	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6275	Lodoga	245	46	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6276	Lodoga	245	50	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6277	Lodoga	245	52	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6278	Lodoga	245	54	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6279	Lodoga	245	55	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6280	Lodoga	245	56	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6281	Lodoga	245	57	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6282	Lodoga	245	58	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6283	Lodoga	245	59	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6284	Lodoga	245	60	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6285	Lodoga	245	61	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6286	Lodoga	245	62	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6287	Lodoga	245	63	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6288	Lodoga	245	64	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6289	Lodoga	245	65	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6290	Lodoga	245	66	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
6291	Lodoga	245	67	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6292	Lodoga	245	68	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6293	Lodoga	245	69	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6294	Lodoga	245	70	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6295	Lodoga	245	71	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6296	Lodoga	245	72	Grapevine Pass	152-G	Lodoga 15'		Early Cretaceous J-2 Zone
6297	Rail Canyon	245	1	W of Logan Creek	150-B	Lodoga 15'	Duplicate	Early Cretaceous J-1 Zone
6298	Rail Canyon	245	2	W of Logan Creek	150-B	Lodoga 15'	numbers are	Early Cretaceous J-1 Zone
6299	Rail Canyon	245	3	W of Logan Creek	150-B	Lodoga 15'	for Rail Canyon	Early Cretaceous J-1 Zone
6300	Rail Canyon	245	4	W of Logan Creek	150-B	Lodoga 15'	and Grapevine	Early Cretaceous J-1 Zone
6301	Rail Canyon	245	5	W of Logan Creek	150-B	Lodoga 15'	areas south of	Early Cretaceous J-1 Zone
6302	Rail Canyon	245	6	W of Logan Creek	150-B	Lodoga 15'	Logan Creek	Early Cretaceous J-1 Zone
6303	Rail Canyon	245	7	W of Logan Creek	150-B	Lodoga 15'	See list below.	Early Cretaceous J-1 Zone
6304	Rail Canyon	245	8	W of Logan Creek	150-B	Lodoga 15'	Have strat	Early Cretaceous J-1 Zone
6305	Rail Canyon	245	9	W of Logan Creek	150-B	Lodoga 15'	column	Early Cretaceous J-1 Zone
6306	Rail Canyon	245	10	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6307	Rail Canyon	245	11	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6308	Rail Canyon	245	12	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6309	Rail Canyon	245	13	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6310	Rail Canyon	245	15	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6311	Rail Canyon	245	16	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6312	Rail Canyon	245	17	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6313	Rail Canyon	245	18	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6314	Rail Canyon	245	19	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6315	Rail Canyon	245	23	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6316	Rail Canyon	245	24	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6317	Rail Canyon	245	25	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6318	Rail Canyon	245	26	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6319	Rail Canyon	245	27	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6320	Rail Canyon	245	28	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6321	Rail Canyon	245	29	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6322	Rail Canyon	245	30	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6323	Rail Canyon	245	33	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6324	Rail Canyon	245	34	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6325	Rail Canyon	245	35	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6326	Rail Canyon	245	36	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6327	Rail Canyon	245	37	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6328	Rail Canyon	245	38	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6329	Rail Canyon	245	40	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6330	Rail Canyon	245	43	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6331	Rail Canyon	245	44	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6332	Rail Canyon	245	45	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6333	Rail Canyon	245	46	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6334	Rail Canyon	245	47	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6335	Rail Canyon	245	48	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6336	Rail Canyon	245	49	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6337	Rail Canyon	245	50	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6338	Rail Canyon	245	51	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6339	Rail Canyon	245	52	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6340	Rail Canyon	245	53	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6341	Rail Canyon	245	54	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6342	Rail Canyon	245	55	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6343	Rail Canyon	245	56	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6344	Rail Canyon	245	57	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6345	Rail Canyon	245	58	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6346	Rail Canyon	245	59	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6347	Rail Canyon	245	60	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6348	Rail Canyon	245	61	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6349	Rail Canyon	245	62	W of Logan Creek	150-B	Lodoga 15'		Early Cretaceous J-1 Zone
6350	Rail Canyon	245	63	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6351	Rail Canyon	245	64	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6352	Rail Canyon	245	65	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6353	Rail Canyon	245	66	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6354	Rail Canyon	245	67	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6355	Rail Canyon	245	68	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6356	Rail Canyon	245	69	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6357	Rail Canyon	245	70	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6358	Rail Canyon	245	71	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6359	Rail Canyon	245	72	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6360	Rail Canyon	245	73	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6361	Rail Canyon	245	74	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6362	Rail Canyon	245	75	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6363	Rail Canyon	245	76	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6364	Rail Canyon	245	77	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
6365	Rail Canyon	245	78	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6366	Rail Canyon	245	79	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6367	Rail Canyon	245	80	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6368	Rail Canyon	245	81	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6369	Rail Canyon	245	82	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6370	Rail Canyon	245	83	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6371	Rail Canyon	245	84	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6372	Rail Canyon	245	85	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6373	Rail Canyon	245	86	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6374	Rail Canyon	245	87	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6375	Rail Canyon	245	88	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6376	Rail Canyon	245	89	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6377	Rail Canyon	245	90	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6378	Rail Canyon	245	91	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6379	Rail Canyon	245	92	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6380	Rail Canyon	245	93	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6381	Rail Canyon	245	94	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6382	Rail Canyon	245	95	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6383	Rail Canyon	245	96	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6384	Rail Canyon	245	97	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6385	Rail Canyon	245	98	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6386	Rail Canyon	245	99	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6387	Rail Canyon	245	100	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6388	Rail Canyon	245	101	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-1 Zone
6389	Rail Canyon	245	102	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-2 Zone
6390	Rail Canyon	245	103	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-2 Zone
6391	Rail Canyon	245	104	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-2 Zone
6392	Rail Canyon	245	105	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-2 Zone
6393	Rail Canyon	245	106	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-2 Zone
6394	Rail Canyon	245	107	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-2 Zone
6395	Rail Canyon	245	108	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-2 Zone
6396	Rail Canyon	245	109	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-2 Zone
6397	Rail Canyon	245	110	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-2 Zone
6398	Rail Canyon	245	111	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-2 Zone
6399	Rail Canyon	245	112	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-2 Zone
6400	Rail Canyon	245	113	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-2 Zone
6401	Rail Canyon	245	114	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-2 Zone
6402	Rail Canyon	245	115	W of Logan Creek	150-C	Lodoga 15'		Early Cretaceous J-2 Zone
6403	Rail Canyon	245	116	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6404	Rail Canyon	245	117	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6405	Rail Canyon	245	118	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6406	Rail Canyon	245	119	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6407	Rail Canyon	245	120	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6408	Rail Canyon	245	121	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6409	Rail Canyon	245	122	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6410	Rail Canyon	245	123	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6411	Rail Canyon	245	124	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6412	Rail Canyon	245	125	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6413	Rail Canyon	245	126	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6414	Rail Canyon	245	127	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6415	Rail Canyon	245	128	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6416	Rail Canyon	245	129	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6417	Rail Canyon	245	130	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6418	Rail Canyon	245	131	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6419	Rail Canyon	245	132	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6420	Rail Canyon	245	133	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6421	Rail Canyon	245	134	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6422	Rail Canyon	245	135	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6423	Rail Canyon	245	136	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6424	Rail Canyon	245	137	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6425	Rail Canyon	245	138	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6426	Rail Canyon	245	139	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6427	Rail Canyon	245	140	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6428	Rail Canyon	245	141	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6429	Rail Canyon	245	142	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6430	Rail Canyon	245	143	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6431	Rail Canyon	245	144	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6432	Rail Canyon	245	145	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6433	Rail Canyon	245	146	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6434	Rail Canyon	245	147	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6435	Rail Canyon	245	148	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6436	Rail Canyon	245	149	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6437	Rail Canyon	245	150	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6438	Rail Canyon	245	151	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
6439	Rail Canyon	245	152	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6440	Rail Canyon	245	153	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6441	Rail Canyon	245	154	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6442	Rail Canyon	245	157	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6443	Rail Canyon	245	158	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6444	Rail Canyon	245	159	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6445	Rail Canyon	245	161	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6446	Rail Canyon	245	162	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6447	Rail Canyon	245	163	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6448	Rail Canyon	245	164	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6449	Rail Canyon	245	165	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6450	Rail Canyon	245	166	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6451	Rail Canyon	245	167	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6452	Rail Canyon	245	168	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6453	Rail Canyon	245	169	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6454	Rail Canyon	245	170	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6455	Rail Canyon	245	171	W of Logan Creek	150-D	Lodoga 15'		Early Cretaceous J-2 Zone
6456	Rail Canyon	245	172	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6457	Rail Canyon	245	173	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6458	Rail Canyon	245	174	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6459	Rail Canyon	245	176	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6460	Rail Canyon	245	176	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6461	Rail Canyon	245	177	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6462	Rail Canyon	245	178	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6463	Rail Canyon	245	179	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6464	Rail Canyon	245	180	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6465	Rail Canyon	245	181	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6466	Rail Canyon	245	182	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6467	Rail Canyon	245	183	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6468	Rail Canyon	245	184	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6469	Rail Canyon	245	185	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6470	Rail Canyon	245	186	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6471	Rail Canyon	245	187	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6472	Rail Canyon	245	188	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6473	Rail Canyon	245	189	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6474	Rail Canyon	245	190	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6475	Rail Canyon	245	191	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6476	Rail Canyon	245	192	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6477	Rail Canyon	245	193	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6478	Rail Canyon	245	194	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6479	Rail Canyon	245	194	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6480	Rail Canyon	245	195	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6481	Rail Canyon	245	196	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6482	Rail Canyon	245	197	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6483	Rail Canyon	245	198	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6484	Rail Canyon	245	199	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6485	Rail Canyon	245	233	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6486	Rail Canyon	245	234	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6487	Rail Canyon	245	235	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6488	Rail Canyon	245	236	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6489	Rail Canyon	245	237	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6490	Rail Canyon	245	238	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6491	Rail Canyon	245	239	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6492	Rail Canyon	245	240	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6493	Rail Canyon	245	241	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6494	Rail Canyon	245	242	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6495	Rail Canyon	245	243	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6496	Rail Canyon	245	244	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6497	Rail Canyon	245	245	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6498	Rail Canyon	245	246	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6499	Rail Canyon	245	247	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6500	Rail Canyon	245	248	W of Logan Creek	150-E	Lodoga 15'		Early Cretaceous J-2 Zone
6501	Rail Canyon	245	250	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone
6502	Rail Canyon	245	251	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone
6503	Rail Canyon	245	252	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone
6504	Rail Canyon	245	253	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone
6505	Rail Canyon	245	254	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone
6506	Rail Canyon	245	255	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone
6507	Rail Canyon	245	256	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone
6508	Rail Canyon	245	257	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone
6509	Rail Canyon	245	258	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone
6510	Rail Canyon	245	259	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone
6511	Rail Canyon	245	260	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone
6512	Rail Canyon	245	261	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
6513	Rail Canyon	245	262	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone
6514	Rail Canyon	245	263	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone
6515	Rail Canyon	245	264	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone
6516	Rail Canyon	245	265	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone
6517	Rail Canyon	245	266	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone
6518	Rail Canyon	245	267	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone
6519	Rail Canyon	245	268	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone
6520	Rail Canyon	245	269	W of Logan Creek	150-A	Lodoga 15'		Early Cretaceous J-1 Zone
6521	Rail Canyon	245	270	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous I Zone
6522	Rail Canyon	245	271	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous I Zone
6523	Rail Canyon	245	272	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous I Zone
6524	Rail Canyon	245	273	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous I Zone
6525	Rail Canyon	245	274	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous I Zone
6526	Rail Canyon	245	275	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous I Zone
6527	Rail Canyon	245	276	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6528	Rail Canyon	245	277	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6529	Rail Canyon	245	278	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6530	Rail Canyon	245	279	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6531	Rail Canyon	245	280	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6532	Rail Canyon	245	285	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6533	Rail Canyon	245	286	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6534	Rail Canyon	245	287	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6535	Rail Canyon	245	288	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6536	Rail Canyon	245	289	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6537	Rail Canyon	245	290	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6538	Rail Canyon	245	291	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6539	Rail Canyon	245	292	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6540	Rail Canyon	245	293	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6541	Rail Canyon	245	294	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6542	Rail Canyon	245	295	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6543	Rail Canyon	245	296	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6544	Rail Canyon	245	297	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6545	Rail Canyon	245	300	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6546	Rail Canyon	245	301	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6547	Rail Canyon	245	302	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6548	Rail Canyon	245	303	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6549	Rail Canyon	245	304	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6550	Rail Canyon	245	305	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6551	Rail Canyon	245	306	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6552	Rail Canyon	245	307	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6553	Rail Canyon	245	308	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6554	Rail Canyon	245	309	W of Logan Creek	150-A	Lodoga 15'		Late Cretaceous H Zone
6555	Rail Canyon	245	1	In Rail Canyon	152-F	Lodoga 15'	Have strat	Late Jurassic M Zone
6556	Rail Canyon	245	2	In Rail Canyon	152-F	Lodoga 15'	column	Late Jurassic M Zone
6557	Rail Canyon	245	4	In Rail Canyon	152-F	Lodoga 15'		Late Jurassic M Zone
6558	Rail Canyon	245	6	In Rail Canyon	152-F	Lodoga 15'		Late Jurassic M Zone
6559	Rail Canyon	245	7	In Rail Canyon	152-F	Lodoga 15'		Late Jurassic M Zone
6560	Rail Canyon	245	8	In Rail Canyon	152-F	Lodoga 15'		Late Jurassic M Zone
6561	Rail Canyon	245	9	In Rail Canyon	152-F	Lodoga 15'		Late Jurassic M Zone
6562	Rail Canyon	245	10	In Rail Canyon	152-F	Lodoga 15'		Late Jurassic M Zone
6563	Rail Canyon	245	11	In Rail Canyon	152-F	Lodoga 15'		Late Jurassic M Zone
6564	Rail Canyon	245	12	In Rail Canyon	152-F	Lodoga 15'		Late Jurassic M Zone
6565	Rail Canyon	245	13	In Rail Canyon	152-F	Lodoga 15'		Late Jurassic M Zone
6566	Rail Canyon	245	14	In Rail Canyon	152-F	Lodoga 15'		Late Jurassic M Zone
6567	Rail Canyon	245	15	In Rail Canyon	152-F	Lodoga 15'		Late Jurassic M Zone
6568	Rail Canyon	245	16	In Rail Canyon	152-F	Lodoga 15'		Late Jurassic M Zone
6569	Rail Canyon	245	17	In Rail Canyon	152-F	Lodoga 15'		Late Jurassic M Zone
6570	Rail Canyon	245	18	In Rail Canyon	152-F	Lodoga 15'		Early Cretaceous L Zone
6571	Rail Canyon	245	19	In Rail Canyon	152-F	Lodoga 15'		Early Cretaceous L Zone
6572	Rail Canyon	245	20	In Rail Canyon	152-F	Lodoga 15'		Early Cretaceous L Zone
6573	Rail Canyon	245	21	In Rail Canyon	152-F	Lodoga 15'		Early Cretaceous L Zone
6574	Rail Canyon	245	24	In Rail Canyon	152-F	Lodoga 15'		Early Cretaceous L Zone
6575	Rail Canyon	245	25	In Rail Canyon	152-F	Lodoga 15'		Early Cretaceous L Zone
6576	Rail Canyon	245	26	In Rail Canyon	152-F	Lodoga 15'		Early Cretaceous L Zone
6577	Rail Canyon	245	27	In Rail Canyon	152-F	Lodoga 15'		Early Cretaceous L Zone
6578	Rail Canyon	245	28	In Rail Canyon	152-F	Lodoga 15'		Early Cretaceous K Zone
6579	Rail Canyon	245	29	In Rail Canyon	152-F	Lodoga 15'		Early Cretaceous K Zone
6580	Manor Slough	246	341	SW part of quad	150-M	Wilbur Sprs. 15'	strat column	Late Cretaceous I Zone
6581	Manor Slough	246	342	SW part of quad	150-M	Wilbur Sprs. 15'	and foram	Late Cretaceous J-1 Zone
6582	Manor Slough	246	343	SW part of quad	150-M	Wilbur Sprs. 15'	check list	Late Cretaceous J-1 Zone
6583	Manor Slough	246	344	SW part of quad	150-M	Wilbur Sprs. 15'		Late Cretaceous J-1 Zone
6584	Manor Slough	246	345	SW part of quad	150-M	Wilbur Sprs. 15'		Late Cretaceous J-1 Zone
6585	Manor Slough	246	346	SW part of quad	150-M	Wilbur Sprs. 15'		Late Cretaceous J-1 Zone
6586	Manor Slough	246	347	SW part of quad	150-M	Wilbur Sprs. 15'		Late Cretaceous J-1 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
6587	Manor Slough	246	348	SW part of quad	150-M	Wilbur Sprs. 15'		Late Cretaceous J-1 Zone
6588	Manor Slough	246	349	SW part of quad	150-M	Wilbur Sprs. 15'		Late Cretaceous J-1 Zone
6589	Manor Slough	246	350	SW part of quad	150-M	Wilbur Sprs. 15'		Late Cretaceous J-1 Zone
6590	Manor Slough	246	351	SW part of quad	150-M	Wilbur Sprs. 15'		Early Cretaceous J-2 Zone
6591	Manor Slough	246	352	SW part of quad	150-M	Wilbur Sprs. 15'		Early Cretaceous J-2 Zone
6592	Manor Slough	246	353	SW part of quad	150-M	Wilbur Sprs. 15'		Early Cretaceous J-2 Zone
6593	Manor Slough	246	354	SW part of quad	150-M	Wilbur Sprs. 15'		Early Cretaceous J-2 Zone
6594	Manor Slough	246	355	SW part of quad	150-M	Wilbur Sprs. 15'		Early Cretaceous J-2 Zone
6595	Salt Canyon	246	219	Salt Creek area	150-M	Have strat column	and check list	Late Cretaceous G-2 Zone
6596	Salt Canyon	246	220	Salt Creek area	150-M	Wilbur Sprs. 15'	not on map	Late Cretaceous G-2 Zone
6597	Salt Canyon	246	221	Salt Creek area	150-M	Wilbur Sprs. 15'	not on map	Late Cretaceous G-2 Zone
6598	Salt Canyon	246	222	Salt Creek area	150-M	Wilbur Sprs. 15'	not on map	Late Cretaceous G-2 Zone
6599	Salt Canyon	246	223	Salt Creek area	150-M	Wilbur Sprs. 15'	not on map	Late Cretaceous G-2 Zone
6600	Salt Canyon	246	225	Salt Creek area	150-M	Wilbur Sprs. 15'	not on map	Late Cretaceous G-2 Zone
6601	Salt Canyon	246	226	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6602	Salt Canyon	246	228	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6603	Salt Canyon	246	229	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6604	Salt Canyon	246	230	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6605	Salt Canyon	246	231	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6606	Salt Canyon	246	232	Salt Creek area	150-M	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6607	Salt Canyon	246	233	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6608	Salt Canyon	246	234	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6609	Salt Canyon	246	235	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6610	Salt Canyon	246	236	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6611	Salt Canyon	246	237	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6612	Salt Canyon	246	238	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6613	Salt Canyon	246	239	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6614	Salt Canyon	246	240	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6615	Salt Canyon	246	241	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6616	Salt Canyon	246	242	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6617	Salt Canyon	246	243	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6618	Salt Canyon	246	244	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6619	Salt Canyon	246	245	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6620	Salt Canyon	246	246	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6621	Salt Canyon	246	247	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6622	Salt Canyon	246	248	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6623	Salt Canyon	246	249	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6624	Salt Canyon	246	250	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6625	Salt Canyon	246	251	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6626	Salt Canyon	246	252	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6627	Salt Canyon	246	253	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6628	Salt Canyon	246	254	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6629	Salt Canyon	246	255	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6630	Salt Canyon	246	256	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6631	Salt Canyon	246	257	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6632	Salt Canyon	246	258	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6633	Salt Canyon	246	259	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6634	Salt Canyon	246	260	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6635	Salt Canyon	246	261	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6636	Salt Canyon	246	262	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6637	Salt Canyon	246	263	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6638	Salt Canyon	246	264	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6639	Salt Canyon	246	265	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6640	Salt Canyon	246	266	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6641	Salt Canyon	246	267	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6642	Salt Canyon	246	268	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6643	Salt Canyon	246	269	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6644	Salt Canyon	246	271	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6645	Salt Canyon	246	272	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6646	Salt Canyon	246	273	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6647	Salt Canyon	246	274	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6648	Salt Canyon	246	275	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6649	Salt Canyon	246	276	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6650	Salt Canyon	246	277	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6651	Salt Canyon	246	278	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6652	Salt Canyon	246	279	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6653	Salt Canyon	246	280	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6654	Salt Canyon	246	281	Salt Creek area	151-C	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6655	Salt Canyon	246	283	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6656	Salt Canyon	246	284	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6657	Salt Canyon	246	285	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6658	Salt Canyon	246	286	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6659	Salt Canyon	246	287	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6660	Salt Canyon	246	288	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
6661	Salt Canyon	246	289	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6662	Salt Canyon	246	290	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6663	Salt Canyon	246	291	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6664	Salt Canyon	246	293	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6665	Salt Canyon	246	294	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6666	Salt Canyon	246	295	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6667	Salt Canyon	246	296	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6668	Salt Canyon	246	297	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6669	Salt Canyon	246	299	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6670	Salt Canyon	246	300	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6671	Salt Canyon	246	301	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6672	Salt Canyon	246	302	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6673	Salt Canyon	246	303	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6674	Salt Canyon	246	304	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous H Zone
6675	Salt Canyon	246	305	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6676	Salt Canyon	246	306	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6677	Salt Canyon	246	307	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6678	Salt Canyon	246	308	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6679	Salt Canyon	246	309	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6680	Salt Canyon	246	310	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6681	Salt Canyon	246	311	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6682	Salt Canyon	246	313	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6683	Salt Canyon	246	314	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6684	Salt Canyon	246	316	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6685	Salt Canyon	246	317	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6686	Salt Canyon	246	318	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6687	Salt Canyon	246	320	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6688	Salt Canyon	246	321	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6689	Salt Canyon	246	322	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6690	Salt Canyon	246	324	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6691	Salt Canyon	246	326	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6692	Salt Canyon	246	327	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6693	Salt Canyon	246	328	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6694	Salt Canyon	246	329	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6695	Salt Canyon	246	330	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6696	Salt Canyon	246	331	Salt Creek area	150-M	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6697	Salt Canyon	246	331	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6698	Salt Canyon	246	332	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6699	Salt Canyon	246	333	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6700	Salt Canyon	246	334	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6701	Salt Canyon	246	335	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6702	Salt Canyon	246	336	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6703	Salt Canyon	246	337	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6704	Salt Canyon	246	338	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6705	Salt Canyon	246	339	Salt Creek area	151-D	Wilbur Sprs. 15'	not on map	Late Cretaceous I Zone
6706	Salt Canyon	246	226	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6707	Salt Canyon	246	228	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6708	Salt Canyon	246	229	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6709	Salt Canyon	246	230	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6710	Salt Canyon	246	231	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6711	Salt Canyon	246	233	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6712	Salt Canyon	246	234	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6713	Salt Canyon	246	235	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6714	Salt Canyon	246	236	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6715	Salt Canyon	246	238	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6716	Salt Canyon	246	238	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6717	Salt Canyon	246	239	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6718	Salt Canyon	246	240	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6719	Salt Canyon	246	241	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6720	Salt Canyon	246	242	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6721	Salt Canyon	246	243	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6722	Salt Canyon	246	244	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6723	Salt Canyon	246	245	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6724	Salt Canyon	246	246	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6725	Salt Canyon	246	247	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6726	Salt Canyon	246	248	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6727	Salt Canyon	246	249	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6728	Salt Canyon	246	250	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6729	Salt Canyon	246	251	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6730	Salt Canyon	246	252	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6731	Salt Canyon	246	253	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6732	Salt Canyon	246	254	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6733	Salt Canyon	246	255	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6734	Salt Canyon	246	256	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
6735	Salt Canyon	246	257	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6736	Salt Canyon	246	258	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6737	Salt Canyon	246	259	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6738	Salt Canyon	246	260	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6739	Salt Canyon	246	261	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6740	Salt Canyon	246	262	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6741	Salt Canyon	246	263	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6742	Salt Canyon	246	264	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6743	Salt Canyon	246	265	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6744	Salt Canyon	246	266	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6745	Salt Canyon	246	267	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6746	Salt Canyon	246	268	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6747	Salt Canyon	246	269	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6748	Salt Canyon	246	271	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6749	Salt Canyon	246	272	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6750	Salt Canyon	246	273	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6751	Salt Canyon	246	274	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6752	Salt Canyon	246	275	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6753	Salt Canyon	246	276	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6754	Salt Canyon	246	277	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6755	Salt Canyon	246	278	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6756	Salt Canyon	246	279	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6757	Salt Canyon	246	280	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6758	Salt Canyon	246	281	Salt Creek	151-C	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6759	Salt Canyon	246	283	Salt Creek	151-D	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6760	Salt Canyon	246	284	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6761	Salt Canyon	246	285	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6762	Salt Canyon	246	286	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6763	Salt Canyon	246	287	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6764	Salt Canyon	246	288	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6765	Salt Canyon	246	289	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6766	Salt Canyon	246	290	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6767	Salt Canyon	246	291	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6768	Salt Canyon	246	293	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6769	Salt Canyon	246	294	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6770	Salt Canyon	246	295	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6771	Salt Canyon	246	296	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6772	Salt Canyon	246	297	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6773	Salt Canyon	246	299	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6774	Salt Canyon	246	300	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6775	Salt Canyon	246	301	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6776	Salt Canyon	246	302	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6777	Salt Canyon	246	303	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6778	Salt Canyon	246	304	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6779	Salt Canyon	246	305	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6780	Salt Canyon	246	306	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6781	Salt Canyon	246	307	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6782	Salt Canyon	246	308	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6783	Salt Canyon	246	309	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6784	Salt Canyon	246	310	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6785	Salt Canyon	246	311	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6786	Salt Canyon	246	313	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6787	Salt Canyon	246	314	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6788	Salt Canyon	246	316	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6789	Salt Canyon	246	317	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6790	Salt Canyon	246	318	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6791	Salt Canyon	246	320	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6792	Salt Canyon	246	321	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6793	Salt Canyon	246	322	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6794	Salt Canyon	246	324	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6795	Salt Canyon	246	326	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6796	Salt Canyon	246	327	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6797	Salt Canyon	246	328	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6798	Salt Canyon	246	329	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6799	Salt Canyon	246	330	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6800	Salt Canyon	246	331	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6801	Salt Canyon	246	332	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6802	Salt Canyon	246	333	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6803	Salt Canyon	246	334	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6804	Salt Canyon	246	335	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6805	Salt Canyon	246	336	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6806	Salt Canyon	246	337	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6807	Salt Canyon	246	338	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information
6808	Salt Canyon	246	339	Salt Creek	no slide	Wilbur Sprs. 15'	rewashed (RW)	no new paleo information

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
6809	Santa Cruz Island A	246	1	SE of Kinton Point	70-H	strat column		late Eocene
6810	Santa Cruz Island A	246	3	SE of Kinton Point	70-H	strat column		late Eocene
6811	Santa Cruz Island A	246	4	SE of Kinton Point	70-H	strat column		late Eocene
6812	Santa Cruz Island A	246	5	SE of Kinton Point	70-H	strat column		late Eocene
6813	Santa Cruz Island A	246	9	SE of Kinton Point	42-L	strat column		early Miocene Saucesian Stage
6814	Santa Cruz Island A	246	13	SE of Kinton Point	42-L	strat column		early Miocene upper Saucesian Stage
6815	Santa Cruz Island A	246	14	SE of Kinton Point	42-L	strat column		early Miocene upper Saucesian Stage
6816	Santa Cruz Island A	246	16	SE of Kinton Point	42-L	strat column		early Miocene upper Saucesian Stage
6817	Santa Cruz Island A	246	17	SE of Kinton Point	42-L	strat column		early Miocene upper Saucesian Stage
6818	Santa Cruz Island A	246	18	SE of Kinton Point	42-L	strat column		early Miocene upper Saucesian Stage
6819	Santa Cruz Island A	246	19	SE of Kinton Point	42-L	strat column		early Miocene Saucesian or Relizian Stage
6820	Santa Cruz Island A	246	23	SE of Kinton Point	42-L	strat column		early Miocene Saucesian or Relizian Stage
6821	Wilbur Springs	246	356	NE part of quad	150-M	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6822	Wilbur Springs	246	357	NE part of quad	150-M	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6823	Wilbur Springs	246	358	NE part of quad	150-M	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6824	Wilbur Springs	246	359	NE part of quad	150-M	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6825	Wilbur Springs	246	360	NE part of quad	150-M	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6826	Wilbur Springs	246	361	NE part of quad	150-M	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6827	Wilbur Springs	246	362	NE part of quad	150-M	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6828	Wilbur Springs	246	363	NE part of quad	150-M	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6829	Wilbur Springs	246	364	NE part of quad	150-M	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6830	Wilbur Springs	246	365	NE part of quad	150-M	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6831	Wilbur Springs	246	366	NE part of quad	150-M	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6832	Wilbur Springs	246	367	NE part of quad	150-M	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6833	Wilbur Springs	246	368	NE part of quad	150-M	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6834	Wilbur Springs	246	369	NE part of quad	150-M	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6835	Wilbur Springs	246	370	NE part of quad	150-M	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6836	Wilbur Springs	246	371	NE part of quad	150-M	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6837	Wilbur Springs	246	372	NE part of quad	150-M	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6838	Wilbur Springs	246	373	NE part of quad	150-N	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6839	Wilbur Springs	246	374	NE part of quad	150-N	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6840	Wilbur Springs	246	375	NE part of quad	150-N	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6841	Wilbur Springs	246	376	NE part of quad	150-N	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6842	Wilbur Springs	246	377	NE part of quad	150-N	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6843	Wilbur Springs	246	378	NE part of quad	150-N	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6844	Wilbur Springs	246	379	NE part of quad	150-N	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6845	Wilbur Springs	246	380	NE part of quad	150-N	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6846	Wilbur Springs	246	381	NE part of quad	150-N	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6847	Wilbur Springs	246	382	NE part of quad	150-N	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6848	Wilbur Springs	246	383	NE part of quad	150-N	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6849	Wilbur Springs	246	384	NE part of quad	150-N	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6850	Wilbur Springs	246	385	NE part of quad	150-N	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6851	Wilbur Springs	246	386	NE part of quad	150-N	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6852	Wilbur Springs	246	387	NE part of quad	150-N	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6853	Wilbur Springs	246	388	NE part of quad	150-N	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6854	Wilbur Springs	246	389	NE part of quad	150-N	Wilbur Sprs. 15'	strat column	Early Cretaceous J-2 Zone
6855	Santa Cruz Island A	247	4	N of Morse Point	42-L			late Eocene
6856	Santa Cruz Island A	247	5	N of Morse Point	42-L			late Eocene
6857	Santa Cruz Island A	247	6	N of Morse Point	42-L			late Eocene
6858	Santa Cruz Island A	247	7	N of Morse Point	42-L			late Eocene
6859	Santa Cruz Island A	247	9	N of Morse Point	42-L			late Eocene
6860	Santa Cruz Island A	247	13	N of Morse Point	42-L			early Miocene Saucesian or Relizian Stage
6861	Santa Cruz Island A	247	15	N of Morse Point	42-L			early Miocene Saucesian or Relizian Stage
6862	Santa Cruz Island A	247	16	N of Morse Point	42-L			early Miocene Saucesian or Relizian Stage
6863	Sites?	247	202	no info on slide	149-J	not on map		Late Cretaceous G-2 Zone
6864	Santa Cruz Island A	248	1	N of Morse Point	42-L	strat column		middle Eocene A-2 Zone
6865	Santa Cruz Island A	248	2	N of Morse Point	42-L	strat column		middle Eocene A-2 Zone
6866	Santa Cruz Island A	248	7	N of Morse Point	42-L	strat column		Oligocene Zemorrian or early Miocene Saucesian Stage
6867	Santa Cruz Island A	248	9	N of Morse Point	43-I	strat column		early Miocene Saucesian Stage
6868	Santa Cruz Island B	248	10	WC part of quad	no slide	strat column		early Miocene Saucesian Stage
6869	Santa Cruz Island B	248	11	WC part of quad	no slide	strat column		early Miocene Saucesian Stage
6870	Denverton	249	3	not on map	no slide	Bradmore Island		Cretaceous? arenaceous foraminifers
6871	Santa Rosa Island S	249	2	NE corner of quad	42-I	strat column		early Miocene Saucesian Stage
6872	Santa Rosa Island S	249	3	NE corner of quad	42-I	strat column		Miocene
6873	Santa Rosa Island S	249	4	NE corner of quad	42-I	strat column		early Miocene
6874	Santa Rosa Island S	250	2	NE corner of quad	42-M			early Miocene Saucesian Stage
6875	Santa Rosa Island S	250	3	NE corner of quad	42-M			early Miocene Saucesian Stage
6876	Santa Rosa Island S	250	5	NE corner of quad	42-M			early Miocene Saucesian Stage
6877	Santa Rosa Island S	250	6A	NE corner of quad	42-M			early Miocene Saucesian Stage
6878	Santa Rosa Island S	250	7	NE corner of quad	42-M			early Miocene Saucesian Stage
6879	Santa Rosa Island S	250	8	NE corner of quad	42-M			early Miocene Saucesian Stage
6880	Antioch South	251	G1V190	SE of Stewartville	D-14	11/1N/1E	Meganos E	early Eocene B-4 Zone
6881	Antioch South	251	G1V141	SE of Stewartville	D-14	11/1N/1E	Meganos E	early Eocene B-4 Zone
6882	Antioch South	251	G1V54	SE of Stewartville	D-14	11/1N/1E	Meganos E	early Eocene B-4 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
6883	Antioch South	251	G1V49	SE of Stewartville	D-14	11/1N/1E	Meganos E	early Eocene B-4 Zone
6884	Antioch South	251	G4V424	NE of Horse Valley	D-14	16/1N/2E	Meganos E	early Eocene B-4 Zone
6885	Antioch South	251	G4V415	NE of Horse Valley	D-14	16/1N/2E	Meganos E	early Eocene B-4 Zone
6886	Antioch South	251	G4V443	NE of Horse Valley	D-14	16/1N/2E	Meganos E	early Eocene B-4 Zone
6887	Antioch South	251	G4V444	NE of Horse Valley	D-14	16/1N/2E	Meganos E	early Eocene B-4 Zone
6888	Antioch South	251	G5V441	NE of Horse Valley	D-14	16/1N/2E	Meganos E	early Eocene B-4 Zone
6889	Antioch South	251	G5V58	NE of Horse Valley	D-14	16/1N/2E	Meganos E	early Eocene B-4 Zone
6890	Antioch South	251	G5V203	NE of Horse Valley	D-14	16/1N/2E	Meganos E	early Eocene B-4 Zone
6891	Antioch South	251	G5V274	NE of Horse Valley	D-14	16/1N/2E	Meganos E	early Eocene B-4 Zone
6892	Antioch South	251	G5V273	NE of Horse Valley	D-14	16/1N/2E	Meganos E	early Eocene B-4 Zone
6893	Antioch South	251	G6	N of Deer Valley	D-14	13/1N/1E	Meganos E	early Eocene B-4 Zone
6894	Antioch South	251	G7	N of Deer Valley	D-14	13/1N/1E	Meganos E	early Eocene B-4 Zone
6895	Antioch South	251	G19-1	W side Deer Ck Rd	D-14	17/1N/2E	Meganos E	early Eocene B-4 Zone
6896	Antioch South	251	G19-2	W side Deer Ck Rd	D-14	17/1N/2E	Meganos E	early Eocene B-4 Zone
6897	Antioch South	251	G19-3	W side Deer Ck Rd	D-14	17/1N/2E	Meganos E	early Eocene B-4 Zone
6898	Antioch South	251	G19-4	W side Deer Ck Rd	D-14	17/1N/2E	Meganos E	early Eocene B-4 Zone
6899	Antioch South	251	G19-5	W side Deer Ck Rd	D-14	17/1N/2E	Meganos E	early Eocene B-4 Zone
6900	Antioch South	251	G19-6	W side Deer Ck Rd	D-14	17/1N/2E	Meganos E	early Eocene B-4 Zone
6901	Antioch South	251	G19-7	W side Deer Ck Rd	D-14	17/1N/2E	Meganos E	early Eocene B-4 Zone
6902	Antioch South	251	G19-8	W side Deer Ck Rd	D-14	17/1N/2E	Meganos E	early Eocene B-4 Zone
6903	Antioch South	251	G19-9	W side Deer Ck Rd	D-14	17/1N/2E	Meganos E	early Eocene B-4 Zone
6904	Antioch South	251	G19-10	W side Deer Ck Rd	D-14	17/1N/2E	Meganos E	early Eocene B-4 Zone
6905	Antioch South	251	G19-11	W side Deer Ck Rd	D-14	17/1N/2E	Meganos E	early Eocene B-4 Zone
6906	Antioch South	251	G19-12	W side Deer Ck Rd	D-14	17/1N/2E	Meganos E	early Eocene B-4 Zone
6907	Antioch South	251	G19-13	W side Deer Ck Rd	D-14	17/1N/2E	Meganos E	early Eocene B-4 Zone
6908	Antioch South	251	G19-14	W side Deer Ck Rd	D-14	17/1N/2E	Meganos E	early Eocene B-4 Zone
6909	Antioch South	251	G19-15	W side Deer Ck Rd	D-14	17/1N/2E	Meganos E	early Eocene B-4 Zone
6910	Antioch South	251	G19-16	W side Deer Ck Rd	D-14	17/1N/2E	Meganos E	early Eocene B-4 Zone
6911	Antioch South	251	G19-17	W side Deer Ck Rd	D-14	17/1N/2E	Meganos E	early Eocene B-4 Zone
6912	Antioch South	251	G20	N of Deer Valley	D-14	13/1N/2E	Meganos E	early Eocene B-4 Zone
6913	Antioch South	251	G21	N of Deer Valley	D-14	13/1N/2E	Meganos E	early Eocene B-4 Zone
6914	Antioch South	251	G22	N of Deer Valley	D-14	13/1N/2E	Meganos E	early Eocene B-4 Zone
6915	Antioch South	251	G23	SE of Stewartville	D-14	11/1N/1E	Meganos E	early Eocene B-4 Zone
6916	Santa Rosa Island	251	1	Beechers Bay	42-M	not on map	strat col	early Miocene Saucesian or Relizian Stage
6917	Santa Rosa Island	251	5	Beechers Bay	42-M	not on map	strat col	early Miocene Saucesian or Relizian Stage
6918	Santa Rosa Island S	254	9	WC part of quad	42-M		strat col	early Miocene upper Saucesian Stage
6919	Santa Rosa Island S	254	11	WC part of quad	42-M		strat col	early Miocene upper Saucesian Stage
6920	Santa Rosa Island S	254	12	WC part of quad	42-M		strat col	early Miocene upper Saucesian Stage
6921	Santa Rosa Island S	254	13	WC part of quad	42-M		strat col	early Miocene upper Saucesian Stage
6922	Santa Rosa Island S	254	14	WC part of quad	42-M		strat col	early Miocene upper Saucesian Stage
6923	Santa Rosa Island S	255	1	not on map	20-L		Pecten	Miocene
6924	Santa Rosa Island S	255	2	not on map	42-M			late Miocene
6925	Santa Rosa Island S	255	6A	not on map	42-M			late Miocene
6926	Santa Rosa Island S	255	7	not on map	42-M			early or middle Miocene
6927	Santa Rosa Island S	255	8	not on map	42-M			early or middle Miocene
6928	Santa Rosa Island S	255	9	not on map	42-M			early Miocene Relizian Stage
6929	Santa Rosa Island S	256	1	not on map	42-M	strat column		early Miocene Saucesian Stage
6930	Santa Rosa Island S	256	3	not on map	42-M	strat column		early Miocene Saucesian Stage
6931	Santa Rosa Island S	256	4	not on map	42-M	strat column		early Miocene Saucesian Stage
6932	Santa Rosa Island S	256	5	not on map	42-M	strat column		early Miocene Saucesian Stage
6933	Santa Rosa Island S	256	6	not on map	42-M	strat column		early Miocene Saucesian Stage
6934	Santa Rosa Island S	256	7	not on map	42-M	strat column		early Miocene Relizian Stage
6935	Santa Cruz Island C	258	1	Chinese Harbor	42-N	strat column		middle and late Miocene Mohnian Stage
6936	Santa Cruz Island C	258	2	Chinese Harbor	42-N	strat column		middle and late Miocene Mohnian Stage
6937	Santa Cruz Island C	258	3	Chinese Harbor	42-N	strat column		middle and late Miocene Mohnian Stage
6938	Santa Cruz Island C	258	4	Chinese Harbor	42-N	strat column		middle and late Miocene Mohnian Stage
6939	Santa Cruz Island C	258	6	Chinese Harbor	42-N	strat column		middle and late Miocene Mohnian Stage
6940	Santa Cruz Island C	258	9	Chinese Harbor	42-N	strat column		middle and late Miocene Mohnian Stage
6941	Santa Cruz Island C	258	11	Chinese Harbor	42-N	strat column		middle and late Miocene Mohnian Stage
6942	Santa Cruz Island C	258	12	Chinese Harbor	42-N	strat column		middle and late Miocene Mohnian Stage
6943	Santa Cruz Island C	258	22	Chinese Harbor	42-N	strat column		middle and late Miocene Mohnian Stage
6944	Santa Cruz Island C	258	23	Chinese Harbor	42-N	strat column		middle and late Miocene Mohnian Stage
6945	Santa Cruz Island C	258	25	Chinese Harbor	42-N	strat column		middle Miocene Luisian Stage
6946	Santa Cruz Island C	258	26	Chinese Harbor	42-N	strat column		middle Miocene Luisian Stage
6947	Santa Cruz Island C	258	27	Chinese Harbor	42-N	strat column		middle Miocene Luisian Stage
6948	Santa Cruz Island C	258	28	Chinese Harbor	42-N	strat column		middle Miocene Luisian Stage
6949	Santa Cruz Island C	258	29	Chinese Harbor	42-N	strat column		middle Miocene Luisian Stage
6950	San Miguel Island East	259	1	Cuyler Harbor area	34-N	strat column		late Eocene
6951	San Miguel Island East	259	6	Cuyler Harbor area	34-N	strat column		late Eocene
6952	San Miguel Island East	259	7	Cuyler Harbor area	34-N	strat column		late Eocene
6953	San Miguel Island East	259	8	Cuyler Harbor area	34-N	strat column		late Eocene
6954	San Miguel Island East	259	9	Cuyler Harbor area	34-N	strat column		late Eocene
6955	San Miguel Island East	259	10	Cuyler Harbor area	34-N	strat column		late Eocene
6956	San Miguel Island East	259	11	Cuyler Harbor area	34-N	strat column		late Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
6957	San Miguel Island West	260	1	Simonton Cove	34-N	have strat column		early Eocene
6958	San Miguel Island West	260	2	Simonton Cove	34-N	filed # 9279		early Eocene
6959	San Miguel Island West	260	3	Simonton Cove	34-N	but hard to follow		early Eocene
6960	San Miguel Island West	260	4	Simonton Cove	34-N	numbers. See also		early Eocene
6961	San Miguel Island West	260	5	Simonton Cove	34-N	#612		early Eocene
6962	San Miguel Island West	260	6	Simonton Cove	34-N			early Eocene
6963	San Miguel Island West	260	7	Simonton Cove	34-N			early Eocene
6964	San Miguel Island West	260	8	Simonton Cove	34-N			early Eocene
6965	San Miguel Island West	260	9	Simonton Cove	34-N			early Eocene
6966	San Miguel Island West	260	10	Simonton Cove	34-N			early Eocene
6967	San Miguel Island West	260	11	Simonton Cove	34-N			early Eocene
6968	San Miguel Island West	260	12	Simonton Cove	34-N			early Eocene
6969	San Miguel Island West	260	13	Simonton Cove	34-N			early Eocene
6970	Tumey Hills	265	"11-1	Panoche Ck area	F-2	Coalinga area on	strat col	early Eocene Discoaster lodoensis Zone
6971	Tumey Hills	265	"11-2	Panoche Ck area	F-2	slides	see loc 179	early Eocene Discoaster lodoensis Zone
6972	Tumey Hills	265	"11-3	Panoche Ck area	F-2		NP ages	early Eocene Discoaster lodoensis Zone
6973	Tumey Hills	265	"11-5	Panoche Ck area	F-2		NP ages	early Eocene Discoaster lodoensis Zone
6974	Tumey Hills	265	"11-6	Panoche Ck area	F-2		NP ages	early Eocene Chiaphragmalithus acanthades Zone
6975	Tumey Hills	265	"11-7	Panoche Ck area	F-2		NP ages	early Eocene Chiaphragmalithus acanthades Zone
6976	Santa Cruz Island A	267	1	SE part of quad	43-L	strat column and		late Paleocene
6977	Santa Cruz Island A	267	2	SE part of quad	43-L	nannoplankton		late Paleocene
6978	Santa Cruz Island A	267	4	SE part of quad	43-L			late Paleocene
6979	Santa Cruz Island A	267	5	SE part of quad	43-L			late Paleocene
6980	Santa Cruz Island A	267	6	SE part of quad	43-L			late Paleocene
6981	Santa Cruz Island A	267	7	SE part of quad	43-L			late Paleocene
6982	Santa Cruz Island A	267	8	SE part of quad	43-L			late Paleocene
6983	Santa Cruz Island A	267	9	SE part of quad	43-L			late Paleocene
6984	Santa Cruz Island A	267	10	SE part of quad	42-N			late Paleocene
6985	Santa Cruz Island A	267	11	SE part of quad	42-N			late Paleocene
6986	Santa Cruz Island A	267	12	SE part of quad	42-N			late Paleocene
6987	Santa Cruz Island A	267	13	SE part of quad	42-N			late Paleocene
6988	Santa Cruz Island A	267	14	SE part of quad	42-N			late Paleocene
6989	Santa Cruz Island A	267	15	SE part of quad	42-N			late Paleocene
6990	Santa Cruz Island A	267	16	SE part of quad	42-N			late Paleocene
6991	Santa Cruz Island A	267	17	SE part of quad	42-N			late Paleocene
6992	Santa Cruz Island A	267	18	SE part of quad	42-N			late Paleocene
6993	Santa Cruz Island A	267	19	SE part of quad	42-N			late Paleocene
6994	Santa Cruz Island A	267	20	SE part of quad	42-N			late Paleocene
6995	Santa Cruz Island A	267	21	SE part of quad	42-N			late Paleocene
6996	Santa Cruz Island A	267	22	SE part of quad	43-L			late Paleocene
6997	Santa Cruz Island A	267	23	SE part of quad	43-L			late Paleocene
6998	Santa Cruz Island A	267	24	SE part of quad	43-L			late Paleocene
6999	Santa Cruz Island A	267	25	SE part of quad	43-L			late Paleocene
7000	Santa Cruz Island A	267	26	SE part of quad	43-L			late Paleocene
7001	Santa Cruz Island A	267	27	SE part of quad	43-L			late Paleocene
7002	Santa Cruz Island A	267	28	SE part of quad	43-L			late Paleocene
7003	Santa Cruz Island A	267	29	SE part of quad	43-L			late Paleocene
7004	Santa Cruz Island A	267	30	SE part of quad	43-L			late Paleocene
7005	Santa Cruz Island A	267	31	SE part of quad	43-L			late Paleocene
7006	Santa Cruz Island A	267	32	SE part of quad	43-L			late Paleocene
7007	Santa Cruz Island A	267	33	SE part of quad	43-L			late Paleocene
7008	Santa Cruz Island A	267	34	SE part of quad	43-L			late Paleocene
7009	Santa Cruz Island A	267	35	SE part of quad	43-L			late Paleocene
7010	Santa Cruz Island A	267	36	SE part of quad	43-L			late Paleocene
7011	Santa Cruz Island A	267	37	SE part of quad	43-L			late Paleocene
7012	Santa Cruz Island A	267	38	SE part of quad	43-L			late Paleocene
7013	Santa Cruz Island A	267	39	SE part of quad	43-L			late Paleocene
7014	Santa Cruz Island A	267	40	SE part of quad	43-L			late Paleocene
7015	Santa Cruz Island A	267	41	SE part of quad	43-L			early Eocene
7016	Santa Cruz Island A	267	42	SE part of quad	43-L			early Eocene
7017	Santa Cruz Island A	267	43	SE part of quad	43-L			early Eocene
7018	Santa Cruz Island A	267	44	SE part of quad	43-L			early Eocene
7019	Santa Cruz Island A	267	45	SE part of quad	43-L			early Eocene
7020	Santa Cruz Island A	267	46	SE part of quad	43-L			early Eocene
7021	Santa Cruz Island A	267	47	SE part of quad	43-L			early Eocene
7022	Santa Cruz Island A	267	48	SE part of quad	43-L			early Eocene
7023	Santa Cruz Island A	267	49	SE part of quad	43-L			early Eocene
7024	Santa Cruz Island A	267	50	SE part of quad	43-L			early Eocene
7025	Santa Cruz Island A	267	51	SE part of quad	43-L			early Eocene
7026	Santa Cruz Island A	267	52	SE part of quad	43-L			early Eocene
7027	Santa Cruz Island A	267	53	SE part of quad	43-L			early Eocene
7028	Santa Cruz Island A	267	54	SE part of quad	43-L			early Eocene
7029	Santa Cruz Island A	267	55	SE part of quad	43-L			early Eocene
7030	Santa Cruz Island A	267	56	SE part of quad	43-L			early Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
7031	Santa Cruz Island A	267	57	SE part of quad	43-L			early Eocene
7032	Santa Cruz Island A	267	58	SE part of quad	43-L			early Eocene
7033	Santa Cruz Island A	267	59	SE part of quad	43-L			early Eocene
7034	Santa Cruz Island A	267	60	SE part of quad	43-L			early Eocene
7035	Santa Cruz Island A	267	61	SE part of quad	43-L			early Eocene
7036	Santa Cruz Island A	267	62	SE part of quad	43-L			early Eocene
7037	Santa Cruz Island A	267	63	SE part of quad	43-L			early Eocene
7038	Santa Cruz Island A	267	64	SE part of quad	43-L			early Eocene
7039	Santa Cruz Island A	267	65	SE part of quad	43-L			early Eocene
7040	Santa Cruz Island A	267	66	SE part of quad	43-M			early Eocene
7041	Santa Cruz Island A	267	67	SE part of quad	43-M			early Eocene
7042	Santa Cruz Island A	267	68	SE part of quad	43-M			early Eocene
7043	Santa Cruz Island A	267	69	SE part of quad	43-M			early Eocene
7044	Santa Cruz Island A	267	70	SE part of quad	43-M			early Eocene
7045	Santa Cruz Island A	267	72	SE part of quad	43-M			middle Eocene
7046	Santa Cruz Island A	267	73	SE part of quad	43-M			middle Eocene
7047	Santa Cruz Island A	267	74	SE part of quad	43-M			middle Eocene
7048	Santa Cruz Island A	267	75	SE part of quad	43-M			middle Eocene
7049	Santa Cruz Island A	267	76	SE part of quad	43-M			middle Eocene
7050	Santa Cruz Island A	267	77	SE part of quad	43-M			middle Eocene
7051	Santa Cruz Island A	267	78	SE part of quad	43-M			middle Eocene
7052	Santa Cruz Island A	267	79	SE part of quad	43-M			middle Eocene
7053	Santa Cruz Island A	267	80	SE part of quad	43-M			middle Eocene
7054	Santa Cruz Island A	267	81	SE part of quad	43-M			middle Eocene
7055	Santa Cruz Island A	267	82	SE part of quad	43-M			middle Eocene
7056	Santa Cruz Island A	267	84	SE part of quad	43-M			middle Eocene
7057	Santa Cruz Island A	267	85	SE part of quad	43-M			middle Eocene
7058	Santa Cruz Island A	267	86	SE part of quad	43-M			middle Eocene
7059	Santa Cruz Island A	267	87	SE part of quad	43-M			middle Eocene
7060	Santa Cruz Island A	267	88	SE part of quad	43-M			middle Eocene
7061	Santa Cruz Island A	267	89	SE part of quad	43-M			middle Eocene
7062	Santa Cruz Island A	267	90	SE part of quad	43-M			middle Eocene
7063	Santa Cruz Island A	267	91	SE part of quad	43-M			middle Eocene
7064	Santa Cruz Island A	267	92	SE part of quad	43-M			middle Eocene
7065	Santa Cruz Island A	267	93	SE part of quad	43-M			middle Eocene
7066	Santa Cruz Island A	267	94	SE part of quad	43-M			middle Eocene
7067	Santa Cruz Island A	267	95	SE part of quad	43-M			middle Eocene
7068	Santa Cruz Island A	267	96	SE part of quad	43-M			middle Eocene
7069	Santa Cruz Island A	267	97	SE part of quad	43-M			middle Eocene
7070	Santa Cruz Island A	267	98	SE part of quad	43-M			middle Eocene
7071	Santa Cruz Island A	267	99	SE part of quad	43-M			middle Eocene
7072	Santa Cruz Island A	267	100	SE part of quad	43-M			middle Eocene
7073	Santa Cruz Island A	267	102	SE part of quad	43-M			middle Eocene
7074	Santa Cruz Island A	267	103	SE part of quad	43-M			middle Eocene
7075	Santa Cruz Island A	267	104	SE part of quad	43-M			middle Eocene
7076	Santa Cruz Island A	267	105	SE part of quad	43-M			middle Eocene
7077	Santa Cruz Island A	267	106	SE part of quad	43-M			middle Eocene
7078	Santa Cruz Island A	267	107	SE part of quad	43-M			middle Eocene
7079	Santa Cruz Island A	267	108	SE part of quad	43-M			middle Eocene
7080	Santa Cruz Island A	267	109	SE part of quad	43-M			middle Eocene
7081	Santa Cruz Island A	267	110	SE part of quad	43-M			middle Eocene
7082	Santa Cruz Island A	267	111	SE part of quad	43-M			middle Eocene
7083	Santa Cruz Island A	267	112	SE part of quad	43-M			middle Eocene
7084	Santa Cruz Island A	267	113	SE part of quad	43-M			middle Eocene
7085	Santa Cruz Island A	267	114	SE part of quad	43-M			middle Eocene
7086	Santa Cruz Island A	267	115	SE part of quad	43-M			middle Eocene
7087	Santa Cruz Island A	267	116	SE part of quad	43-M			middle Eocene
7088	Santa Cruz Island A	267	117	SE part of quad	43-N			middle Eocene
7089	Santa Cruz Island A	267	118	SE part of quad	43-N			middle Eocene
7090	Santa Cruz Island A	267	119	SE part of quad	43-N			middle Eocene
7091	Santa Cruz Island A	267	120	SE part of quad	43-N			middle Eocene
7092	Santa Cruz Island A	267	121	SE part of quad	43-N			middle Eocene
7093	Santa Cruz Island A	267	122	SE part of quad	43-N			middle Eocene
7094	Santa Cruz Island A	267	123	SE part of quad	43-N			middle Eocene
7095	Santa Cruz Island A	267	124	SE part of quad	43-N			middle Eocene
7096	Santa Cruz Island A	267	125	SE part of quad	43-N			middle Eocene
7097	Santa Cruz Island A	267	126	SE part of quad	43-N			middle Eocene
7098	Santa Cruz Island A	267	127	SE part of quad	43-N			middle Eocene
7099	Santa Cruz Island A	267	128	SE part of quad	43-N			middle Eocene
7100	Santa Cruz Island A	267	129	SE part of quad	43-N			early Eocene
7101	Santa Cruz Island A	267	130	SE part of quad	43-N			early Eocene
7102	Santa Cruz Island A	267	131	SE part of quad	43-N			early Eocene
7103	Santa Cruz Island A	267	132	SE part of quad	43-N			early Eocene
7104	Santa Cruz Island A	267	133	SE part of quad	43-N			early Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
7105	Santa Cruz Island A	267	134	SE part of quad	43-N			early Eocene
7106	Santa Cruz Island A	267	135	SE part of quad	43-N			early Eocene
7107	Santa Cruz Island A	267	136	SE part of quad	43-N			early Eocene
7108	Santa Cruz Island A	267	137	SE part of quad	43-N			early Eocene
7109	Santa Cruz Island A	267	138	SE part of quad	43-N			early Eocene
7110	Santa Cruz Island A	267	139	SE part of quad	43-N			early Eocene
7111	Santa Cruz Island A	267	140	SE part of quad	43-N			early Eocene
7112	Santa Cruz Island A	267	141	SE part of quad	43-N			early Eocene
7113	Santa Cruz Island A	267	142	SE part of quad	43-N			early Eocene
7114	Santa Cruz Island A	267	143	SE part of quad	43-N			early Eocene
7115	Santa Cruz Island A	267	144	SE part of quad	43-N			early Eocene
7116	Santa Cruz Island A	267	145	SE part of quad	43-N			early Eocene
7117	Santa Cruz Island A	267	146	SE part of quad	43-N			early Eocene
7118	Santa Cruz Island A	267	147	SE part of quad	43-N			early Eocene
7119	Santa Cruz Island A	267	148	SE part of quad	43-N			early Eocene
7120	Santa Cruz Island A	267	149	SE part of quad	43-N			early Eocene
7121	Santa Cruz Island A	267	150	SE part of quad	43-N			early Eocene
7122	Santa Cruz Island A	267	151	SE part of quad	43-N			early Eocene
7123	Santa Cruz Island A	267	152	SE part of quad	43-N			early Eocene
7124	Santa Cruz Island A	267	153	SE part of quad	43-N			early Eocene
7125	Santa Cruz Island A	267	154	SE part of quad	43-N			early Eocene
7126	Santa Cruz Island A	267	155	SE part of quad	43-N			early Eocene
7127	Santa Cruz Island A	267	156	SE part of quad	43-N			early Eocene
7128	Santa Cruz Island A	267	157	SE part of quad	43-N			early Eocene
7129	Santa Cruz Island A	267	158	SE part of quad	43-N			early Eocene
7130	Santa Cruz Island A	267	159	SE part of quad	43-N			early Eocene
7131	Santa Cruz Island A	267	160	SE part of quad	43-N			early Eocene
7132	Santa Cruz Island A	267	161	SE part of quad	43-N			early Eocene
7133	Santa Cruz Island A	267	162	SE part of quad	43-N			early Eocene
7134	Santa Cruz Island A	267	163	SE part of quad	43-N			early Eocene
7135	Santa Cruz Island A	267	164	SE part of quad	43-N			early Eocene
7136	Santa Cruz Island A	267	165	SE part of quad	43-N			early Eocene
7137	Santa Cruz Island A	267	166	SE part of quad	43-N			early Eocene
7138	Santa Cruz Island A	267	167	SE part of quad	43-N			early Eocene
7139	Santa Cruz Island A	267	168	SE part of quad	44-A			early Eocene
7140	Santa Cruz Island A	267	169	SE part of quad	44-A			early Eocene
7141	Santa Cruz Island A	267	170	SE part of quad	44-A			early Eocene
7142	Santa Cruz Island A	267	171	SE part of quad	44-A			early Eocene
7143	Santa Cruz Island A	267	172	SE part of quad	44-A			early Eocene
7144	Santa Cruz Island A	267	173	SE part of quad	44-A			early Eocene
7145	Santa Cruz Island A	267	174	SE part of quad	44-A			early Eocene
7146	Santa Cruz Island A	267	175	SE part of quad	44-A			early Eocene
7147	Santa Cruz Island A	267	176	SE part of quad	44-A			early Eocene
7148	Santa Cruz Island A	267	177	SE part of quad	44-A			middle Eocene
7149	Santa Cruz Island A	267	178	SE part of quad	44-A			middle Eocene
7150	Santa Cruz Island A	267	179	SE part of quad	44-A			middle Eocene
7151	Santa Cruz Island A	267	180	SE part of quad	44-A			middle Eocene
7152	Santa Cruz Island A	267	181	SE part of quad	44-A			middle Eocene
7153	Santa Cruz Island A	267	182	SE part of quad	44-A			middle Eocene
7154	Santa Cruz Island A	267	183	SE part of quad	44-A			middle Eocene
7155	Santa Cruz Island A	267	184	SE part of quad	44-A			middle Eocene
7156	Santa Cruz Island A	267	185	SE part of quad	44-A			middle Eocene
7157	Santa Cruz Island A	267	186	SE part of quad	44-A			middle Eocene
7158	Santa Cruz Island A	267	187	SE part of quad	44-A			middle Eocene
7159	Santa Cruz Island A	267	188	SE part of quad	44-A			middle Eocene
7160	Santa Cruz Island A	267	189	SE part of quad	44-A			middle Eocene
7161	Santa Cruz Island A	267	190	SE part of quad	44-A			middle Eocene
7162	Santa Cruz Island A	267	191	SE part of quad	44-A			middle Eocene
7163	Santa Cruz Island A	267	192	SE part of quad	44-A			middle Eocene
7164	Santa Cruz Island A	267	193	SE part of quad	44-A			middle Eocene
7165	Santa Cruz Island A	267	194	SE part of quad	44-A			middle Eocene
7166	Santa Cruz Island A	267	195	SE part of quad	44-A			middle Eocene
7167	Santa Cruz Island A	267	196	SE part of quad	44-A			middle Eocene
7168	Tumey Hills?	267	10-2	N of Panoche Ck	F-14	Uncertain how far	For another	early Paleocene Danian Stage
7169	Tumey Hills?	267	10-5	N of Panoche Ck	F-14	north of Panoche	strat column,	late Paleocene E zone
7170	Tumey Hills?	267	10-6	N of Panoche Ck	F-14	Creek this section	see loc 179	late Paleocene E zone
7171	Tumey Hills?	267	10-7	N of Panoche Ck	F-14	is located. No	Have NP check	late Paleocene E zone
7172	Tumey Hills?	267	10-8	N of Panoche Ck	F-14	localities on map.	list	late Paleocene E zone
7173	Tumey Hills?	267	10-9	N of Panoche Ck	F-14	Possibly all		late Paleocene E zone
7174	Tumey Hills?	267	10-10	N of Panoche Ck	F-14	Section 10		late Paleocene D zone
7175	Tumey Hills?	267	10-11	N of Panoche Ck	F-14			late Paleocene D zone
7176	Tumey Hills?	267	10-12	N of Panoche Ck	F-14			late Paleocene D zone
7177	Tumey Hills?	267	10-13	N of Panoche Ck	F-14			early Eocene Discoaster lodoensis Zone
7178	Tumey Hills?	267	10-14	N of Panoche Ck	F-14			early Eocene Discoaster lodoensis Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
7179	Tumey Hills?	267	10-15	N of Panoche Ck	F-14			early Eocene Discoaster lodoensis Zone
7180	Tumey Hills?	267	10-16	N of Panoche Ck	F-14			early Eocene Discoaster lodoensis Zone
7181	Tumey Hills?	267	10-17	N of Panoche Ck	F-14			early Eocene Chiaphragmalithus acanthades Zone
7182	Tumey Hills	267	11	not on map	no slide	Secs 8, 9, 17, 18	NP ages	early Eocene Discoaster tribrachiatus Zone
7183	Tumey Hills	267	12	not on map	no slide	T15S, R12E	NP ages	early Eocene Discoaster tribrachiatus Zone
7184	Tumey Hills	267	13	not on map	no slide	T15S, R12E	NP ages	early Eocene Discoaster lodoensis Zone
7185	Tumey Hills	267	14	not on map	no slide	T15S, R12E	NP ages	early Eocene Discoaster lodoensis Zone
7186	Tumey Hills	267	15	not on map	no slide	T15S, R12E	NP ages	early Eocene Discoaster lodoensis Zone
7187	Tumey Hills	267	16	not on map	no slide	T15S, R12E	NP ages	early Eocene Discoaster lodoensis Zone
7188	Tumey Hills	267	17	not on map	no slide	T15S, R12E	NP ages	early Eocene Chiaphragmalithus acanthades Zone
7189	San Marcos Pass	269	2	SE part of quad	11-J	strat column		middle Eocene
7190	San Marcos Pass	269	3	SE part of quad	11-J	strat column		middle Eocene
7191	San Marcos Pass	269	4	SE part of quad	11-J	strat column		middle Eocene
7192	San Marcos Pass	269	5	SE part of quad	11-J	strat column		middle Eocene
7193	San Marcos Pass	269	6	SE part of quad	11-J	strat column		middle Eocene
7194	San Marcos Pass	269	7	SE part of quad	11-J	strat column		middle Eocene
7195	San Marcos Pass	269	10	SE part of quad	11-J	strat column		middle Eocene
7196	San Marcos Pass	269	11	SE part of quad	11-J	strat column		middle Eocene
7197	Lake Cachuma	270	8	SC part of quad	11-J	strat column and	check list	Eocene
7198	Brentwood	271	2	Mt Diablo area	51-I	Location and ages	top of section	Late Cretaceous C or D-1 Zone
7199	Brentwood	271	4	Mt Diablo area	51-I	from strat column	26/1N/2E	Late Cretaceous C or D-1 Zone
7200	Brentwood	271	5	Mt Diablo area	51-I			Late Cretaceous C or D-1 Zone
7201	Brentwood	271	6	Mt Diablo area	51-I			Late Cretaceous C or D-1 Zone
7202	Brentwood	271	7	Mt Diablo area	51-I			Late Cretaceous C or D-1 Zone
7203	Brentwood	271	9	Mt Diablo area	51-I			Late Cretaceous C or D-1 Zone
7204	Brentwood	271	10	Mt Diablo area	51-I			Late Cretaceous C or D-1 Zone
7205	Brentwood	271	11	Mt Diablo area	51-I			Late Cretaceous C or D-1 Zone
7206	Brentwood	271	12	Mt Diablo area	51-I			Late Cretaceous C or D-1 Zone
7207	Brentwood	271	21	Mt Diablo area	51-I			Late Cretaceous C or D-1 Zone
7208	Brentwood	271	22	Mt Diablo area	51-I			Late Cretaceous C or D-1 Zone
7209	Brentwood	271	23	Mt Diablo area	51-I			Late Cretaceous C or D-1 Zone
7210	Brentwood	271	25	Mt Diablo area	51-I			Late Cretaceous C or D-1 Zone
7211	Brentwood	271	28	Mt Diablo area	51-I			Late Cretaceous C or D-1 Zone
7212	Brentwood	271	29	Mt Diablo area	51-I			Late Cretaceous C or D-1 Zone
7213	Brentwood	271	30	Mt Diablo area	51-I			Late Cretaceous C or D-1 Zone
7214	Brentwood	271	32	Mt Diablo area	51-I			Late Cretaceous D-2 Zone
7215	Brentwood	271	33	Mt Diablo area	51-I			Late Cretaceous D-2 Zone
7216	Brentwood	271	36	Mt Diablo area	51-I			Late Cretaceous D-2 Zone
7217	Brentwood	271	37	Mt Diablo area	51-I			Late Cretaceous D-2 Zone
7218	Brentwood	271	38	Mt Diablo area	51-I			Late Cretaceous D-2 Zone
7219	Brentwood	271	39	Mt Diablo area	51-I			Late Cretaceous D-2 Zone
7220	Brentwood	271	40	Mt Diablo area	51-I			Late Cretaceous D-2 Zone
7221	Brentwood	271	41	Mt Diablo area	51-I			Late Cretaceous D-2 Zone
7222	Brentwood	271	42	Mt Diablo area	51-J			Late Cretaceous D-2 Zone
7223	Brentwood	271	43	Mt Diablo area	51-J			Late Cretaceous D-2 Zone
7224	Brentwood	271	44	Mt Diablo area	51-J			Late Cretaceous D-2 Zone
7225	Brentwood	271	45	Mt Diablo area	51-J			Late Cretaceous D-2 Zone
7226	Brentwood	271	46	Mt Diablo area	51-J			Late Cretaceous D-2 Zone
7227	Brentwood	271	47	Mt Diablo area	51-J			Late Cretaceous D-2 Zone
7228	Brentwood	271	48	Mt Diablo area	51-J			Late Cretaceous D-2 Zone
7229	Brentwood	271	49	Mt Diablo area	51-J			Late Cretaceous E Zone
7230	Brentwood	271	50	Mt Diablo area	51-J			Late Cretaceous E Zone
7231	Brentwood	271	51	Mt Diablo area	51-J			Late Cretaceous E Zone
7232	Brentwood	271	52	Mt Diablo area	51-J			Late Cretaceous E Zone
7233	Brentwood	271	53	Mt Diablo area	51-J			Late Cretaceous E Zone
7234	Brentwood	271	54	Mt Diablo area	51-J			Late Cretaceous E Zone
7235	Brentwood	271	55	Mt Diablo area	51-J			Late Cretaceous E Zone
7236	Brentwood	271	56	Mt Diablo area	51-J			Late Cretaceous E Zone
7237	Brentwood	271	57	Mt Diablo area	51-J			Late Cretaceous E Zone
7238	Brentwood	271	58	Mt Diablo area	51-J	base of section		Late Cretaceous E Zone
7239	Byron Hot Springs	271	58	NW part of quad	no slide		strat column	Late Cretaceous E Zone
7240	La Jolla?	271	1	not on map	no slide	have check list		Eocene
7241	La Jolla?	271	2	not on map	no slide	but no ages. Seem		Eocene
7242	La Jolla?	271	3	not on map	no slide	to be all Eocene		Eocene
7243	La Jolla?	271	4	not on map	no slide	Allison collector		Eocene
7244	La Jolla?	271	5	not on map	no slide	Prob. published as		Eocene
7245	La Jolla?	271	6	not on map	no slide	UCB report.		Eocene
7246	La Jolla?	271	7	not on map	no slide			Eocene
7247	La Jolla?	271	8	not on map	no slide			Eocene
7248	La Jolla?	271	9	not on map	no slide			Eocene
7249	La Jolla?	271	10	not on map	no slide			Eocene
7250	La Jolla?	271	11	not on map	no slide			Eocene
7251	La Jolla?	271	12	not on map	no slide			Eocene
7252	La Jolla?	271	13	not on map	no slide			Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
7253	La Jolla?	271	14	not on map	no slide			Eocene
7254	La Jolla?	271	15	not on map	no slide			Eocene
7255	Little Pine Mountain	271	1	near Gibralter Dam	25-D			middle Miocene Luisian Stage
7256	Little Pine Mountain	271	2	near Gibralter Dam	25-D			middle Miocene Luisian Stage
7257	Antioch South	272	2	SC part of quad	51-J	have strat column		Late Cretaceous arenaceous foraminifers
7258	Antioch South	272	3	SC part of quad	51-J	Extends from Deer		Late Cretaceous arenaceous foraminifers
7259	Antioch South	272	4	SC part of quad	51-J	Valley to Marsh		Late Cretaceous arenaceous foraminifers
7260	Antioch South	272	5	SC part of quad	51-J	Creek Road		Late Cretaceous arenaceous foraminifers
7261	Antioch South	272	6	SC part of quad	51-J			Late Cretaceous arenaceous foraminifers
7262	Antioch South	272	7	SC part of quad	51-J			Late Cretaceous arenaceous foraminifers
7263	Antioch South	272	8	SC part of quad	51-J			Late Cretaceous arenaceous foraminifers
7264	Antioch South	272	9	SC part of quad	51-J			Late Cretaceous arenaceous foraminifers
7265	Antioch South	272	10	SC part of quad	51-J			Late Cretaceous arenaceous foraminifers
7266	Antioch South	272	11	SC part of quad	51-J			Late Cretaceous arenaceous foraminifers
7267	Antioch South	272	12	SC part of quad	51-J			Late Cretaceous arenaceous foraminifers
7268	Antioch South	272	13	SC part of quad	51-J			Late Cretaceous arenaceous foraminifers
7269	Antioch South	272	14	SC part of quad	51-J			Late Cretaceous arenaceous foraminifers
7270	Antioch South	272	15	SC part of quad	51-J			Late Cretaceous arenaceous foraminifers
7271	Antioch South	272	16	SC part of quad	51-J			Late Cretaceous F or G Zone
7272	Antioch South	272	22	SC part of quad	51-J			Late Cretaceous F or G Zone
7273	Antioch South	272	24	SC part of quad	51-J			Late Cretaceous F or G Zone
7274	Antioch South	272	25	SC part of quad	51-J			Late Cretaceous F or G Zone
7275	Antioch South	272	28	SC part of quad	51-J			Late Cretaceous F or G Zone
7276	Antioch South	272	29	SC part of quad	51-J			Late Cretaceous F or G Zone
7277	Antioch South	272	31	SC part of quad	51-J			Late Cretaceous F or G Zone
7278	Antioch South	272	32	SC part of quad	51-J			Late Cretaceous F or G Zone
7279	Antioch South	272	33	SC part of quad	51-J			Late Cretaceous F or G Zone
7280	Antioch South	272	35	SC part of quad	51-J			Late Cretaceous G-2 Zone
7281	Antioch South	272	36	SC part of quad	51-J			Late Cretaceous G-2 Zone
7282	Antioch South	272	38	SC part of quad	51-J			Late Cretaceous G-2 Zone
7283	Antioch South	273	1	15/1N/1E	51-J			Late Cretaceous D-2 Zone
7284	Antioch South?	273	2	Oil Canyon area	51-J			Cretaceous
7285	Antioch South?	273	3	Oil Canyon area	51-J			Cretaceous
7286	Antioch South?	273	4	Oil Canyon area	51-J			Cretaceous
7287	Antioch South?	273	5	Oil Canyon area	51-K			Cretaceous
7288	Antioch South?	273	6	Oil Canyon area	51-K			Cretaceous
7289	Antioch South?	273	7	Oil Canyon area	51-K			Cretaceous
7290	Antioch South?	273	8	Oil Canyon area	51-K			Cretaceous
7291	Antioch South?	273	9	Oil Canyon area	51-K			Cretaceous
7292	Antioch South?	273	10	Oil Canyon area	51-K			Cretaceous
7293	Antioch South?	273	11	Oil Canyon area	51-K			Cretaceous
7294	Antioch South?	273	12	Oil Canyon area	51-K			Cretaceous
7295	Antioch South?	273	12RW	Oil Canyon area	51-K			Cretaceous
7296	Piru	273	4	Hopper Canyon	9-N			Miocene
7297	Piru	273	13	Hopper Canyon	9-N			Miocene
7298	Piru	273	16	Hopper Canyon	9-N			Miocene
7299	Piru	273	17	Hopper Canyon	9-N			Miocene
7300	Rio Bravo Ranch	275	5	middle of quad	no slide		6/29S/30E	early or middle Miocene
7301	Edison	277	3	NE part of quad	no slide		33/29S/30E	early Miocene Saucesian or Relizian Stage
7302	Rio Bravo Ranch	278	4	SE corner of quad	no slide		28/29S/30E	early or middle Miocene Relizian or Luisian Stage
7303	Rio Bravo Ranch	278	5	SE corner of quad	no slide		28/29S/30E	early or middle Miocene Relizian or Luisian Stage
7304	Rio Bravo Ranch	278	7	SE corner of quad	no slide		28/29S/30E	early or middle Miocene Relizian or Luisian Stage
7305	Rio Bravo Ranch	278	11	SE corner of quad	no slide		28/29S/30E	middle Miocene Luisian Stage
7306	Edison	279	3	NE part of quad	no slide		33/29S/30E	middle Miocene Luisian Stage
7307	Rio Bravo Ranch	280	2	NW part of quad	no slide		20/28N/29E	middle Miocene Luisian Stage
7308	Vine Hill	283	X-1	Arnold Industrial Hy	F-1	22/2N/2W	not on map	Eocene
7309	Vine Hill	283	X-3	Arnold Industrial Hy	F-1	Pacheco syncline	not on map	Eocene
7310	Vine Hill	283	X-4	Arnold Industrial Hy	F-1	Pacheco syncline	not on map	Eocene
7311	Vine Hill	283	X-5	Arnold Industrial Hy	F-1	Pacheco syncline	not on map	Eocene
7312	Clayton	284	M-21	EC part of quad	F-1	20/1N/1E	not on map	late Paleocene D zone
7313	Clayton	284	M-24	EC part of quad	F-1	20/1N/1E	not on map	late Paleocene D zone
7314	Clayton	284	M-30	EC part of quad	F-1	20/1N/1E	not on map	late Paleocene D zone
7315	Point Mugu	284	1	Sycamore Point	2-M			early Miocene Saucesian Stage
7316	Point Mugu	284	2	Sycamore Point	2-M			early Miocene Saucesian Stage
7317	Point Mugu	284	3	Sycamore Point	2-M			early Miocene Saucesian Stage
7318	Point Mugu	284	4	Sycamore Point	2-M			early Miocene Saucesian Stage
7319	Point Mugu	284	5	Sycamore Point	2-M			early Miocene Saucesian Stage
7320	Point Mugu	284	6	Sycamore Point	2-M			early Miocene Saucesian Stage
7321	Point Mugu	284	7	Sycamore Point	2-M			early Miocene Saucesian Stage
7322	Point Mugu	284	8	Sycamore Point	2-M			early Miocene Saucesian Stage
7323	Point Mugu	284	9	Sycamore Point	2-M			early Miocene Saucesian Stage
7324	Point Mugu	284	10	Sycamore Point	2-M			early Miocene Saucesian Stage
7325	Point Mugu	284	11	Sycamore Point	2-M			early Miocene Saucesian Stage
7326	Point Mugu	284	12	Sycamore Point	2-M			early Miocene Saucesian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
7327	Point Mugu	284	13	Sycamore Point	2-M			early Miocene Saucesian Stage
7328	Point Mugu	284	14	Sycamore Point	2-M			early Miocene Saucesian Stage
7329	Point Mugu	284	15	Sycamore Point	2-M			early Miocene Saucesian Stage
7330	Point Mugu	284	16	Sycamore Point	2-M			early Miocene Saucesian Stage
7331	Point Mugu	284	17	Sycamore Point	2-M			early Miocene Saucesian Stage
7332	Point Mugu	284	18	Sycamore Point	2-M			early Miocene Saucesian Stage
7333	Point Mugu	284	19	Sycamore Point	2-M			early Miocene Saucesian Stage
7334	Point Mugu	284	20	Sycamore Point	2-M			early Miocene Saucesian Stage
7335	Point Mugu	284	21	Sycamore Point	2-M			early Miocene Saucesian Stage
7336	Point Mugu	284	22	Sycamore Point	2-M			early Miocene Saucesian Stage
7337	Point Mugu	284	23	Sycamore Point	2-M			Oligocene Zemorrian Stage
7338	Camarillo	285	60	Broome Ranch	25-C			middle Miocene
7339	Camarillo	285	64	Broome Ranch	25-C			middle Miocene
7340	Garza Peak	285	7	trib to Canoas Ck	46-F	No paleo but	oldest bed	late Miocene
7341	Garza Peak	285	8	trib to Canoas Ck	46-F	sanples are from	Age from	late Miocene
7342	Garza Peak	285	10	trib to Canoas Ck	46-F	McClure and	Weaver et al	late Miocene
7343	Garza Peak	285	13	trib to Canoas Ck	46-F	Reef Ridge Fms,		late Miocene
7344	Garza Peak	285	17	trib to Canoas Ck	46-F	Miocene		late Miocene
7345	Garza Peak	285	18	trib to Canoas Ck	46-F			late Miocene
7346	Garza Peak	285	19	trib to Canoas Ck	46-F			late Miocene
7347	Garza Peak	285	20	trib to Canoas Ck	46-F			late Miocene
7348	Garza Peak	285	21	trib to Canoas Ck	46-F			late Miocene
7349	Garza Peak	285	22	trib to Canoas Ck	46-G			late Miocene
7350	Garza Peak	285	73	trib to Canoas Ck	46-G			late Miocene
7351	Garza Peak	285	74	trib to Canoas Ck	46-G			late Miocene
7352	Garza Peak	285	77	trib to Canoas Ck	46-G			late Miocene
7353	Garza Peak	285	79	trib to Canoas Ck	46-G			late Miocene
7354	Garza Peak	285	82	trib to Canoas Ck	46-G			late Miocene
7355	Garza Peak	285	84	trib to Canoas Ck	46-G			late Miocene
7356	Garza Peak	285	85	trib to Canoas Ck	46-G			late Miocene
7357	Garza Peak	285	94	trib to Canoas Ck	46-G			late Miocene
7358	Garza Peak	285	98	trib to Canoas Ck	46-G			late Miocene
7359	Garza Peak	285	99	trib to Canoas Ck	46-G			late Miocene
7360	Garza Peak	285	100	trib to Canoas Ck	46-G			late Miocene
7361	Garza Peak	285	103	trib to Canoas Ck	46-G			late Miocene
7362	Garza Peak	285	108	trib to Canoas Ck	46-G			late Miocene
7363	Garza Peak	285	109	trib to Canoas Ck	46-G			late Miocene
7364	Garza Peak	285	111	trib to Canoas Ck	46-G			late Miocene
7365	Garza Peak	285	112	trib to Canoas Ck	46-G			late Miocene
7366	Garza Peak	285	114	trib to Canoas Ck	46-G			late Miocene
7367	Garza Peak	285	115	trib to Canoas Ck	46-G			late Miocene
7368	Garza Peak	285	119	trib to Canoas Ck	46-G			late Miocene
7369	Garza Peak	285	121	trib to Canoas Ck	46-G			late Miocene
7370	Garza Peak	285	123	trib to Canoas Ck	46-G			late Miocene
7371	Garza Peak	285	124	trib to Canoas Ck	46-G			late Miocene
7372	Garza Peak	285	126	trib to Canoas Ck	46-G			late Miocene
7373	Garza Peak	285	127	trib to Canoas Ck	46-G			late Miocene
7374	Garza Peak	285	136	trib to Canoas Ck	46-G		youngest bed	late Miocene
7375	Parkfield	285		5/23S/14E	no slide		mollusks	Pliocene
7376	Point Mugu	285	2	NE part of quad	25-C			early Miocene Saucesian or Relizian Stage
7377	Point Mugu	285	3	NE part of quad	25-C			early Miocene Saucesian or Relizian Stage
7378	Point Mugu	285	19	NE part of quad	25-C			Miocene
7379	Triunfo Pass	287		L Sycamore Cyn	no slide			early Miocene Relizian Stage
7380	Triunfo Pass	288	1	Mulholland Drive	no slide			early Miocene Saucesian or Relizian Stage
7381	Triunfo Pass	288	2	Mulholland Drive	no slide			early Miocene Saucesian or Relizian Stage
7382	Triunfo Pass	288	3	Mulholland Drive	no slide			early Miocene Saucesian or Relizian Stage
7383	Triunfo Pass	288	4	Mulholland Drive	no slide			early Miocene Saucesian or Relizian Stage
7384	Triunfo Pass	288	5	Mulholland Drive	no slide			early Miocene Saucesian or Relizian Stage
7385	Triunfo Pass	288	6	Mulholland Drive	no slide			early Miocene Saucesian or Relizian Stage
7386	Triunfo Pass	288	7	Mulholland Drive	no slide			early Miocene Relizian Stage
7387	Triunfo Pass	288	8	Mulholland Drive	no slide			early Miocene Saucesian or Relizian Stage
7388	Triunfo Pass	288	9	Mulholland Drive	no slide			early Miocene Saucesian or Relizian Stage
7389	Triunfo Pass	288	10	Mulholland Drive	no slide			early Miocene Saucesian or Relizian Stage
7390	Triunfo Pass	288	11	Mulholland Drive	no slide			early Miocene Saucesian or Relizian Stage
7391	Triunfo Pass	289	8	Mulholland Drive	26-L	old Dume Point Q		early Miocene lower Relizian Stage
7392	Triunfo Pass	290	1	Mulholland Drive	26-L	old Dume Point Q		early Miocene Saucesian or Relizian Stage
7393	Triunfo Pass	290	2	Mulholland Drive	26-L	old Dume Point Q		early Miocene Saucesian or Relizian Stage
7394	Triunfo Pass	290	3	Mulholland Drive	26-L	old Dume Point Q		early Miocene Saucesian or Relizian Stage
7395	Triunfo Pass	290	4	Mulholland Drive	26-L	old Dume Point Q		early Miocene Saucesian or Relizian Stage
7396	Triunfo Pass	290	5	Mulholland Drive	26-L	old Dume Point Q		early Miocene Saucesian or Relizian Stage
7397	Triunfo Pass	291	18	Los Alisos Cyn	18-N	old Dume Point Q		early Miocene Relizian Stage
7398	Triunfo Pass	291	19	Los Alisos Cyn	18-N	old Dume Point Q		early Miocene Relizian Stage
7399	Triunfo Pass	291	20	Los Alisos Cyn	18-N	old Dume Point Q		early Miocene Relizian Stage
7400	Triunfo Pass	291	21	Los Alisos Cyn	18-N	old Dume Point Q		early Miocene Relizian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
7401	Triunfo Pass	291	22	Los Alisos Cyn	18-N	old Dume Point Q		early Miocene Relizian Stage
7402	Triunfo Pass	291	23	Los Alisos Cyn	18-N	old Dume Point Q		early Miocene Saucesian or Relizian Stage
7403	Triunfo Pass	291	24	Los Alisos Cyn	18-N	old Dume Point Q		early Miocene Saucesian or Relizian Stage
7404	Mount Vaca	293	1	Mix Canyon	90-H	Have strat column		Late Cretaceous arenaceous foraminifers
7405	Mount Vaca	293	2	Mix Canyon	90-H	Paleo mostly		Late Cretaceous arenaceous foraminifers
7406	Mount Vaca	293	4	Mix Canyon	90-H	sparse but includes		Late Cretaceous arenaceous foraminifers
7407	Mount Vaca	293	5	Mix Canyon	90-H	some planktics		Late Cretaceous arenaceous foraminifers
7408	Mount Vaca	293	6	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7409	Mount Vaca	293	7	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7410	Mount Vaca	293	8	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7411	Mount Vaca	293	9	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7412	Mount Vaca	293	10	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7413	Mount Vaca	293	11	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7414	Mount Vaca	293	13	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7415	Mount Vaca	293	14	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7416	Mount Vaca	293	15	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7417	Mount Vaca	293	16	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7418	Mount Vaca	293	17	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7419	Mount Vaca	293	18	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7420	Mount Vaca	293	19	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7421	Mount Vaca	293	20	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7422	Mount Vaca	293	21	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7423	Mount Vaca	293	22	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7424	Mount Vaca	293	23	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7425	Mount Vaca	293	24	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7426	Mount Vaca	293	25	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7427	Mount Vaca	293	26	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7428	Mount Vaca	293	27	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7429	Mount Vaca	293	28	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7430	Mount Vaca	293	29	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7431	Mount Vaca	293	30	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7432	Mount Vaca	293	31	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7433	Mount Vaca	293	32	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7434	Mount Vaca	293	33	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7435	Mount Vaca	293	34	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7436	Mount Vaca	293	35	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7437	Mount Vaca	293	36	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7438	Mount Vaca	293	37	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7439	Mount Vaca	293	38	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7440	Mount Vaca	293	39	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7441	Mount Vaca	293	40	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7442	Mount Vaca	293	41	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7443	Mount Vaca	293	42	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7444	Mount Vaca	293	43	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7445	Mount Vaca	293	44	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7446	Mount Vaca	293	49	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7447	Mount Vaca	293	50	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7448	Mount Vaca	293	51	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7449	Mount Vaca	293	52	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7450	Mount Vaca	293	53	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7451	Mount Vaca	293	54	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7452	Mount Vaca	293	55	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7453	Mount Vaca	293	56	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7454	Mount Vaca	293	57	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7455	Mount Vaca	293	58	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7456	Mount Vaca	293	59	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7457	Mount Vaca	293	60	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7458	Mount Vaca	293	61	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7459	Mount Vaca	293	62	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7460	Mount Vaca	293	66	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7461	Mount Vaca	293	67	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7462	Mount Vaca	293	70	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7463	Mount Vaca	293	71	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7464	Mount Vaca	293	72	Mix Canyon	90-H			Late Cretaceous arenaceous foraminifers
7465	Mount Vaca	293	77	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7466	Mount Vaca	293	78	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7467	Mount Vaca	293	79	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7468	Mount Vaca	293	80	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7469	Mount Vaca	293	81	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7470	Mount Vaca	293	82	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7471	Mount Vaca	293	83	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7472	Mount Vaca	293	84	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7473	Mount Vaca	293	85	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7474	Mount Vaca	293	86	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
7475	Mount Vaca	293	87	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7476	Mount Vaca	293	88	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7477	Mount Vaca	293	89	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7478	Mount Vaca	293	90	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7479	Mount Vaca	293	92	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7480	Mount Vaca	293	94	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7481	Mount Vaca	293	95	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7482	Mount Vaca	293	97	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7483	Mount Vaca	293	99	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7484	Mount Vaca	293	100	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7485	Mount Vaca	293	101	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7486	Mount Vaca	293	102	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7487	Mount Vaca	293	104	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7488	Mount Vaca	293	105	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7489	Mount Vaca	293	110	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7490	Mount Vaca	293	111	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7491	Mount Vaca	293	115	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7492	Mount Vaca	293	116	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7493	Mount Vaca	293	117	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7494	Mount Vaca	293	118	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7495	Mount Vaca	293	119	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7496	Mount Vaca	293	120	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7497	Mount Vaca	293	121	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7498	Mount Vaca	293	128	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7499	Mount Vaca	293	129	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7500	Mount Vaca	293	131	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7501	Mount Vaca	293	132	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7502	Mount Vaca	293	135	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7503	Mount Vaca	293	136	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7504	Mount Vaca	293	138	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7505	Mount Vaca	293	157	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7506	Mount Vaca	293	158	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7507	Mount Vaca	293	159	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7508	Mount Vaca	293	161	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7509	Mount Vaca	293	162	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7510	Mount Vaca	293	165	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7511	Mount Vaca	293	166	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7512	Mount Vaca	293	168	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7513	Mount Vaca	293	169	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7514	Mount Vaca	293	171	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7515	Mount Vaca	293	172	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7516	Mount Vaca	293	175	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7517	Mount Vaca	293	176	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7518	Mount Vaca	293	183	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7519	Mount Vaca	293	185	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7520	Mount Vaca	293	187	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7521	Mount Vaca	293	191	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7522	Mount Vaca	293	200	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7523	Mount Vaca	293	201	Mix Canyon	90-I			Late Cretaceous arenaceous foraminifers
7524	Mount Vaca	293	203	Mix Canyon	90-J			Late Cretaceous arenaceous foraminifers
7525	Monticello Dam	294	1	Putah Creek	no slide		basal Yolo Fm	Late Cretaceous
7526	Monticello Dam	294	2	Putah Creek	no slide		Yolo	Late Cretaceous
7527	Monticello Dam	294	3	Putah Creek	no slide		basal Yolo Fm	Late Cretaceous
7528	Monticello Dam	294	4	Putah Creek	no slide		Venado Fm	Late Cretaceous
7529	Monticello Dam	294	5	Putah Creek	no slide		Sites Fm	Late Cretaceous
7530	Monticello Dam	294	6	Putah Creek	no slide		Funks/ Guinda	Late Cretaceous
7531	Monticello Dam	294	7	Putah Creek	no slide		Funks/ Guinda	Late Cretaceous
7532	Point Dume	295	11	vic Encinal Canyon	18-N			early Miocene Relizian Stage
7533	Point Dume	295	17	vic Encinal Canyon	18-N			early Miocene Saucesian Stage
7534	Point Dume	295	20	vic Encinal Canyon	18-N			early Miocene Saucesian Stage
7535	Point Dume	295	27	vic Encinal Canyon	18-N			early Miocene Saucesian Stage
7536	Point Dume	295	29	vic Encinal Canyon	18-N			early Miocene Saucesian Stage
7537	Point Dume	295	30	vic Encinal Canyon	18-N			early Miocene Saucesian Stage
7538	Triunfo Pass	295	1	Ridge E Cachusa C	no slide	old Dume Point Q		early Miocene Relizian Stage
7539	Triunfo Pass	295	2	Ridge E Cachusa C	no slide			early Miocene Relizian Stage
7540	Triunfo Pass	295	3	Ridge E Cachusa C	no slide			early Miocene Relizian Stage
7541	Triunfo Pass	295	4	Ridge E Cachusa C	18-N			early Miocene Relizian Stage
7542	Triunfo Pass	295	7	Ridge E Cachusa C	18-N			early Miocene Relizian Stage
7543	Triunfo Pass	295	8	Ridge E Cachusa C	18-N			early Miocene Relizian Stage
7544	Triunfo Pass	295	10	Ridge E Cachusa C	18-N			early Miocene Relizian Stage
7545	Triunfo Pass	295	11	Ridge E Cachusa C	no slide			early Miocene Relizian Stage
7546	Triunfo Pass	295	12	Ridge E Cachusa C	no slide			early Miocene Relizian Stage
7547	Triunfo Pass	295	13	Ridge E Cachusa C	no slide			early Miocene Relizian Stage
7548	Triunfo Pass	295	14	Ridge E Cachusa C	no slide			early Miocene Relizian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
7549	Triunfo Pass	295	15	Ridge E Cachusa C	no slide			early Miocene Relizian Stage
7550	Triunfo Pass	295	16	Ridge E Cachusa C	no slide			early Miocene Saucesian Stage
7551	Triunfo Pass	295	17	Ridge E Cachusa C	no slide			early Miocene Saucesian Stage
7552	Triunfo Pass	295	18	Ridge E Cachusa C	no slide			early Miocene Saucesian Stage
7553	Triunfo Pass	295	19	Ridge E Cachusa C	no slide			early Miocene Saucesian Stage
7554	Triunfo Pass	295	20	Ridge E Cachusa C	no slide			early Miocene Saucesian Stage
7555	Triunfo Pass	295	21	Ridge E Cachusa C	no slide			early Miocene Saucesian Stage
7556	Triunfo Pass	295	22	Ridge E Cachusa C	no slide			early Miocene Saucesian Stage
7557	Triunfo Pass	295	23	Ridge E Cachusa C	no slide			early Miocene Saucesian Stage
7558	Triunfo Pass	295	24	Ridge E Cachusa C	no slide			early Miocene Saucesian Stage
7559	Triunfo Pass	295	25	Ridge E Cachusa C	no slide			early Miocene Saucesian Stage
7560	Triunfo Pass	295	26	Ridge E Cachusa C	no slide			early Miocene Saucesian Stage
7561	Triunfo Pass	295	27	Ridge E Cachusa C	no slide			early Miocene Saucesian Stage
7562	Triunfo Pass	295	28	Ridge E Cachusa C	no slide			early Miocene Saucesian Stage
7563	Triunfo Pass	295	29	Ridge E Cachusa C	no slide			early Miocene Saucesian Stage
7564	Triunfo Pass	295	30	Ridge E Cachusa C	no slide			early Miocene Saucesian Stage
7565	Point Dume	296	1	Zuma fire trail	no slide	strat column		early Miocene Saucesian Stage
7566	Point Dume	296	2	Zuma fire trail	no slide	strat column		early Miocene Saucesian Stage
7567	Point Dume	296	3	Zuma fire trail	no slide	strat column		early Miocene Saucesian Stage
7568	Point Dume	296	4	Zuma fire trail	no slide	strat column		early Miocene Saucesian Stage
7569	Point Dume	296	5	Zuma fire trail	no slide	strat column		early Miocene Saucesian Stage
7570	Point Dume	296	6	Zuma fire trail	no slide	strat column		early Miocene Saucesian Stage
7571	Point Dume	296	7	Zuma fire trail	no slide	strat column		early Miocene Saucesian Stage
7572	Point Dume	296	8	Zuma fire trail	no slide	strat column		early Miocene Saucesian Stage
7573	Point Dume	296	9	Zuma fire trail	no slide	strat column		early Miocene Saucesian Stage
7574	Point Dume	296	10	Zuma fire trail	no slide	strat column		early Miocene Saucesian Stage
7575	Point Dume	296	11	Zuma fire trail	no slide	strat column		early Miocene Saucesian Stage
7576	Point Dume	296	12	Zuma fire trail	no slide	strat column		early Miocene Saucesian Stage
7577	Point Dume	296	13	Zuma fire trail	no slide	strat column		early Miocene Saucesian Stage
7578	Point Dume	296	14	Zuma fire trail	no slide	strat column		early Miocene Saucesian Stage
7579	Point Dume	296	15	Zuma fire trail	no slide	strat column		early Miocene Saucesian Stage
7580	Point Dume	296	16	Zuma fire trail	no slide	strat column		early Miocene Saucesian Stage
7581	Elmira	297	11A	Travis AFB	none	4/5N/1W		Late Cretaceous arenaceous foraminifers
7582	Elmira	297	21	Travis AFB	120-B	Domengine SS	13-14/5N/1W	early Eocene B or C Zone
7583	Elmira	297	22	Travis AFB	120-B	Domengine SS	13-14/5N/1W	early Eocene B or C Zone
7584	Elmira	297	23	Travis AFB	120-B	Domengine SS	13-14/5N/1W	early Eocene B or C Zone
7585	Elmira	297	24	Travis AFB	120-B	Domengine SS	13-14/5N/1W	early Eocene B or C Zone
7586	Elmira	297	25	Travis AFB	120-B	Domengine SS	13-14/5N/1W	early Eocene B or C Zone
7587	Elmira	297	26	Travis AFB	120-B	Domengine SS	13-14/5N/1W	early Eocene B or C Zone
7588	Elmira	297	27	Travis AFB	120-B		13-14/5N/1W	middle Eocene Nortonville equivalent
7589	Elmira	297	44	Travis AFB	none	Globotruncana	3/5N/1W	Late Cretaceous D-2 Zone
7590	Malibu Beach	299	8	Corral Canyon Rd		strat column		early Miocene
7591	Malibu Beach	299	9	Corral Canyon Rd				early Miocene
7592	Piru	301	2	Modelo Canyon	9-M			middle Miocene
7593	Piru	301	3	Modelo Canyon	9-M			middle Miocene Luisian Stage
7594	Piru	301	4	Modelo Canyon	9-M			middle Miocene Luisian Stage
7595	McKittrick Summit	302	258	center of quad	46-I			middle Miocene upper Luisian Stage
7596	McKittrick Summit	302	259	center of quad	46-I			PseudoSaucesian facies
7597	McKittrick Summit	302	261	center of quad	46-I			middle and late Miocene lower Mohnian Stage
7598	McKittrick Summit	302	269	not found	46-I			middle Miocene
7599	McKittrick Summit	302	270	SE part of quad	46-I			PseudoSaucesian facies
7600	McKittrick Summit	302	295	not found	46-I			middle and late Miocene lower Mohnian Stage
7601	McKittrick Summit	302	297	SE part of quad	46-J			middle and late Miocene lower Mohnian Stage
7602	Malibu Beach	303	2	Malibu Canyon	43-I	strat column		early Miocene Saucesian Stage
7603	Malibu Beach	303	17	Malibu Canyon	43-I			early Miocene Saucesian or Relizian Stage
7604	Malibu Beach	303	21	Malibu Canyon	43-I			early Miocene Relizian Stage
7605	Malibu Beach	304		Piuma Road	no slide	strat column		Miocene
7606	Point Dume	305	4	Dume Cove	26-L	strat column		middle and late Miocene upper Mohnian Stage
7607	Point Dume	305	5	Dume Cove	26-L			middle and late Miocene upper Mohnian Stage
7608	Point Dume	305	7	Dume Cove	26-L			middle and late Miocene upper Mohnian Stage
7609	Point Dume	305	11	Dume Cove	26-L			middle and late Miocene upper Mohnian Stage
7610	Point Dume	305	12	Dume Cove	26-L			middle and late Miocene upper Mohnian Stage
7611	Point Dume	305	13	Dume Cove	26-L			middle and late Miocene upper Mohnian Stage
7612	Point Dume	305	14	Dume Cove	26-L			middle and late Miocene upper Mohnian Stage
7613	Laguna Seca Ranch	305		NW corner of quad	no slide	age from seismic	map	Late Cretaceous E Zone
7614	Calabasas	306	16	Dry Canyon	45-L	SE part of quad		middle Miocene Luisian Stage
7615	Calabasas	306	17	Dry Canyon	45-L	SE part of quad		middle Miocene Luisian Stage
7616	Calabasas	306	18	Dry Canyon	45-L	SE part of quad		middle Miocene Luisian Stage
7617	Calabasas	306	19	Dry Canyon	45-L	SE part of quad		middle Miocene Luisian Stage
7618	Calabasas	306	20	Dry Canyon	45-L	SE part of quad		middle Miocene Luisian Stage
7619	Calabasas	306	24	Dry Canyon	45-L	SE part of quad		middle and late Miocene Mohnian Stage
7620	Calabasas	306	25	Dry Canyon	45-L	SE part of quad		middle and late Miocene Mohnian Stage
7621	Calabasas	306	26	Dry Canyon	45-L	SE part of quad		middle and late Miocene Mohnian Stage
7622	Calabasas	306	28	Dry Canyon	45-L	SE part of quad		middle and late Miocene Mohnian Stage

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7623	Calabasas	306	29	Dry Canyon	45-L	SE part of quad		middle and late Miocene Mohnian Stage
7624	Calabasas	306	30	Dry Canyon	45-L	SE part of quad		middle and late Miocene Mohnian Stage
7625	Calabasas	307	15	Old Topanga Rd	45-M		strat column	middle Miocene Luisian Stage
7626	Calabasas	307	16	Old Topanga Rd	45-M			middle Miocene Luisian Stage
7627	Calabasas	307	21	Old Topanga Rd	45-M			middle Miocene Luisian Stage
7628	Cholame Hills	307		NC part of quad	no slide		mollusks	late Miocene or Pliocene
7629	Malibu Beach	307	2	Old Topanga Rd	45-M	strat column		early Miocene Relizian Stage
7630	Malibu Beach	307	3	Old Topanga Rd	45-M			early Miocene Relizian Stage
7631	Malibu Beach	307	4	Old Topanga Rd	45-M			early Miocene Relizian Stage
7632	Malibu Beach	307	5	Old Topanga Rd	45-M			early Miocene Relizian Stage
7633	Malibu Beach	307	6	Old Topanga Rd	45-M			early Miocene Relizian Stage
7634	Calabasas	308	7	Ventura Blvd	45-M			contaminated
7635	Calabasas	308	9	Ventura Blvd	45-M			contaminated
7636	Calabasas	308	12	Ventura Blvd	45-M			middle Miocene Luisian Stage
7637	Calabasas	308	15	Ventura Blvd	45-M			middle Miocene Luisian Stage
7638	Calabasas	308	21	Ventura Blvd	45-M			middle Miocene Luisian Stage
7639	Calabasas	308	28	Ventura Blvd	45-M			middle Miocene Luisian Stage
7640	San Fernando	310	2	NW part of quad	no slide		Pico Fm	Pliocene
7641	San Fernando	310	6	NW part of quad	no slide		basal Pico Fm	Pliocene megafossils
7642	Alcalde Hills	312	1	Los Gatos Creek	E-4		34/19S/14E	Cretaceous arenaceous foraminifers
7643	Alcalde Hills	312	2	Los Gatos Creek	E-4		34/19S/14E	Late Cretaceous
7644	Point Dume	312	2	Malibu Riviera	22-M			middle and late Miocene Mohnian Stage
7645	Alcalde Hills	313	2	Los Gatos Creek	E-4	not on map		Cretaceous arenaceous foraminifers
7646	Point Dume	313	2	Laval Grade section	H-14			late Miocene
7647	Point Dume	313	4	Laval Grade section	H-14			middle and late Miocene Mohnian Stage
7648	Point Dume	313	2	Laval Grade section	45-L			late Miocene
7649	Point Dume	313	7	Laval Grade section	45-L			middle and late Miocene Mohnian Stage
7650	Point Dume	314	1	Zuma Beach area	45-M			middle and late Miocene Mohnian Stage
7651	Point Dume	314	2	Zuma Beach area	45-M			middle and late Miocene Mohnian Stage
7652	Point Dume	314	3	Zuma Beach area	45-M			middle and late Miocene Mohnian Stage
7653	Point Dume	314	4	Zuma Beach area	45-M			middle and late Miocene Mohnian Stage
7654	Malibu Beach	316	1	Corral Canyon Rd	45-M			middle Miocene
7655	Malibu Beach	316	2	Corral Canyon Rd	45-M			middle Miocene Luisian Stage
7656	Malibu Beach	316	3	Corral Canyon Rd	45-M			middle Miocene Luisian Stage
7657	Malibu Beach	316	4	Corral Canyon Rd	45-M			middle Miocene Luisian Stage
7658	Malibu Beach	316	5	Corral Canyon Rd	45-M			middle Miocene Luisian Stage
7659	Malibu Beach	316	6	Corral Canyon Rd	45-M			middle Miocene Luisian Stage
7660	Parkfield	316		4/23S/14E	no slide		diatoms, rads	late Miocene
7661	Malibu Beach	317	6	Piuma Road	45-M			early Miocene Relizian Stage
7662	Malibu Beach	319	4	Mullholland Hwy	45-M			middle Miocene Luisian Stage
7663	Parkfield	320		29/23S/14E	no slide		mollusks	Pliocene
7664	Parkfield	321		32/22S/14E	no slide		mollusks	Pliocene
7665	Calabasas	322	3	SC part of quad	45-M			middle and late Miocene Mohnian Stage
7666	Calabasas	322	6	SC part of quad	45-M			middle and late Miocene Mohnian Stage
7667	Calabasas	322	7	SC part of quad	45-M			middle and late Miocene Mohnian Stage
7668	Parkfield	322		4/23S/14E	no slide		mollusks	Pliocene
7669	Shale Point	324	1	Temblor Range	45-M	strat column		middle and late Miocene Mohnian Stage
7670	Shale Point	324	A2 etc	Temblor Range	54-A	strat column		middle and late Miocene Mohnian Stage
7671	Shale Point	324	7	Temblor Range	54-A	strat column		middle and late Miocene Mohnian Stage
7672	Shale Point	324	8	Temblor Range	54-A	strat column		middle and late Miocene Mohnian Stage
7673	Shale Point	324	10	Temblor Range	54-A	strat column		middle and late Miocene Mohnian Stage
7674	Shale Point	324	11	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7675	Shale Point	324	13	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7676	Shale Point	324	14	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7677	Shale Point	324	15	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7678	Shale Point	324	16	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7679	Shale Point	324	17	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7680	Shale Point	324	18	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7681	Shale Point	324	19	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7682	Shale Point	324	20	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7683	Shale Point	324	21	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7684	Shale Point	324	22	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7685	Shale Point	324	23	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7686	Shale Point	324	24	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7687	Shale Point	324	25	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7688	Shale Point	324	26	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7689	Shale Point	324	27	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7690	Shale Point	324	28	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7691	Shale Point	324	29	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7692	Shale Point	324	30	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7693	Shale Point	324	31	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7694	Shale Point	324	32	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7695	Shale Point	324	33	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7696	Shale Point	324	34	Temblor Range	54-A	strat column		middle Miocene Luisian Stage

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7697	Shale Point	324	35	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7698	Shale Point	324	36	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7699	Shale Point	324	37	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7700	Shale Point	324	38	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7701	Shale Point	324	39	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7702	Shale Point	324	40	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7703	Shale Point	324	41	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7704	Shale Point	324	42	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7705	Shale Point	324	43	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7706	Shale Point	324	44	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7707	Shale Point	324	45	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7708	Shale Point	324	46	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7709	Shale Point	324	47	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7710	Shale Point	324	48	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7711	Shale Point	324	49	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7712	Shale Point	324	50	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7713	Shale Point	324	51	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7714	Shale Point	324	52	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7715	Shale Point	324	53	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7716	Shale Point	324	54	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7717	Shale Point	324	55	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7718	Shale Point	324	56	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7719	Shale Point	324	57	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7720	Shale Point	324	58	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7721	Shale Point	324	59	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7722	Shale Point	324	60	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7723	Shale Point	324	61	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7724	Shale Point	324	62	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7725	Shale Point	324	63	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7726	Shale Point	324	64	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7727	Shale Point	324	65	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7728	Shale Point	324	66	Temblor Range	54-A	strat column		middle Miocene Luisian Stage
7729	Shale Point	324	67	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7730	Shale Point	324	68	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7731	Shale Point	324	69	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7732	Shale Point	324	70	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7733	Shale Point	324	71	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7734	Shale Point	324	72	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7735	Shale Point	324	73	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7736	Shale Point	324	74	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7737	Shale Point	324	75	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7738	Shale Point	324	76	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7739	Shale Point	324	77	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7740	Shale Point	324	78	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7741	Shale Point	324	79	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7742	Shale Point	324	80	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7743	Shale Point	324	81	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7744	Shale Point	324	82	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7745	Shale Point	324	83	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7746	Shale Point	324	84	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7747	Shale Point	324	85	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7748	Shale Point	324	86	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7749	Shale Point	324	87	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7750	Shale Point	324	88	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7751	Shale Point	324	89	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7752	Shale Point	324	90	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7753	Shale Point	324	91	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7754	Shale Point	324	92	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7755	Shale Point	324	93	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7756	Shale Point	324	94	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7757	Shale Point	324	95	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7758	Shale Point	324	96	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7759	Shale Point	324	97	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7760	Shale Point	324	98	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7761	Shale Point	324	99	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7762	Shale Point	324	100	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7763	Shale Point	324	101	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7764	Shale Point	324	102	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7765	Shale Point	324	104	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7766	Shale Point	324	105	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7767	Shale Point	324	106	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7768	Shale Point	324	107	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7769	Shale Point	324	108	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7770	Shale Point	324	108	Temblor Range	54-B	strat column		middle Miocene Luisian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
7771	Shale Point	324	110	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7772	Shale Point	324	111	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7773	Shale Point	324	112	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7774	Shale Point	324	113	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7775	Shale Point	324	114	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7776	Shale Point	324	115	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7777	Shale Point	324	116	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7778	Shale Point	324	117	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7779	Shale Point	324	118	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7780	Shale Point	324	119	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7781	Shale Point	324	120	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7782	Shale Point	324	121	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7783	Shale Point	324	122	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7784	Shale Point	324	123	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7785	Shale Point	324	124	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7786	Shale Point	324	125	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7787	Shale Point	324	126	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
7788	Shale Point	324	127	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7789	Shale Point	324	128	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7790	Shale Point	324	129	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7791	Shale Point	324	130	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7792	Shale Point	324	131	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7793	Shale Point	324	132	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7794	Shale Point	324	133	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7795	Shale Point	324	134	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7796	Shale Point	324	135	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7797	Shale Point	324	136	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7798	Shale Point	324	137	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7799	Shale Point	324	138	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7800	Shale Point	324	139	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7801	Shale Point	324	140	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7802	Shale Point	324	141	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7803	Shale Point	324	142	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7804	Shale Point	324	143	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7805	Shale Point	324	144	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7806	Shale Point	324	145	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7807	Shale Point	324	146	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7808	Shale Point	324	147	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7809	Shale Point	324	148	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7810	Shale Point	324	149	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7811	Shale Point	324	150	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7812	Shale Point	324	151	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7813	Shale Point	324	152	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7814	Shale Point	324	153	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7815	Shale Point	324	154	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7816	Shale Point	324	155	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7817	Shale Point	324	156	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7818	Shale Point	324	157	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7819	Shale Point	324	158	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7820	Shale Point	324	159	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7821	Shale Point	324	160	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7822	Shale Point	324	161	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7823	Shale Point	324	162	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7824	Shale Point	324	163	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7825	Shale Point	324	164	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7826	Shale Point	324	165	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7827	Shale Point	324	166	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7828	Shale Point	324	167	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7829	Shale Point	324	168	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7830	Shale Point	324	169	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7831	Shale Point	324	170	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7832	Shale Point	324	171	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7833	Shale Point	324	172	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7834	Shale Point	324	173	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7835	Shale Point	324	174	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7836	Shale Point	324	175	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7837	Shale Point	324	176	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7838	Shale Point	324	177	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7839	Shale Point	324	178	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7840	Shale Point	324	179	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7841	Shale Point	324	180	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7842	Shale Point	324	181	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7843	Shale Point	324	182	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7844	Shale Point	324	183	Temblor Range	54-C	strat column		middle Miocene Luisian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
7845	Shale Point	324	185	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7846	Shale Point	324	186	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7847	Shale Point	324	187	Temblor Range	54-C	strat column		middle Miocene Luisian Stage
7848	Shale Point	324	188	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7849	Shale Point	324	189	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7850	Shale Point	324	190	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7851	Shale Point	324	191	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7852	Shale Point	324	192	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7853	Shale Point	324	193	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7854	Shale Point	324	194	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7855	Shale Point	324	195	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7856	Shale Point	324	196	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7857	Shale Point	324	197	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7858	Shale Point	324	198	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7859	Shale Point	324	199	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7860	Shale Point	324	200	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7861	Shale Point	324	201	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7862	Shale Point	324	202	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7863	Shale Point	324	203	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7864	Shale Point	324	204	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7865	Shale Point	324	205	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7866	Shale Point	324	206	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7867	Shale Point	324	207	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7868	Shale Point	324	208	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7869	Shale Point	324	209	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7870	Shale Point	324	210	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7871	Shale Point	324	211	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7872	Shale Point	324	212	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7873	Shale Point	324	213	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7874	Shale Point	324	214	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7875	Shale Point	324	216	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7876	Shale Point	324	217	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7877	Shale Point	324	218	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7878	Shale Point	324	219	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7879	Shale Point	324	220	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7880	Shale Point	324	221	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7881	Shale Point	324	222	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7882	Shale Point	324	223	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7883	Shale Point	324	224	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7884	Shale Point	324	225	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7885	Shale Point	324	226	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7886	Shale Point	324	227	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7887	Shale Point	324	228	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7888	Shale Point	324	229	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7889	Shale Point	324	230	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7890	Shale Point	324	231	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7891	Shale Point	324	232	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7892	Shale Point	324	233	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7893	Shale Point	324	234	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7894	Shale Point	324	235	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7895	Shale Point	324	236	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7896	Shale Point	324	237	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7897	Shale Point	324	238	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7898	Shale Point	324	239	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7899	Shale Point	324	240	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7900	Shale Point	324	241	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7901	Shale Point	324	242	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7902	Shale Point	324	243	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7903	Shale Point	324	245	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7904	Shale Point	324	246	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7905	Shale Point	324	247	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7906	Shale Point	324	248	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7907	Shale Point	324	249	Temblor Range	54-D	strat column		middle Miocene Luisian Stage
7908	Shale Point	324	250	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7909	Shale Point	324	251	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7910	Shale Point	324	252	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7911	Shale Point	324	253	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7912	Shale Point	324	256	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7913	Shale Point	324	259	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7914	Shale Point	324	264	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7915	Shale Point	324	265	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7916	Shale Point	324	266	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7917	Shale Point	324	267	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7918	Shale Point	324	269	Temblor Range	54-E	strat column		middle Miocene Luisian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
7919	Shale Point	324	270	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7920	Shale Point	324	271	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7921	Shale Point	324	272	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7922	Shale Point	324	273	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7923	Shale Point	324	274	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7924	Shale Point	324	275	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7925	Shale Point	324	276	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7926	Shale Point	324	277	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7927	Shale Point	324	278	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7928	Shale Point	324	279	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7929	Shale Point	324	280	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7930	Shale Point	324	281	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7931	Shale Point	324	282	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7932	Shale Point	324	283	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7933	Shale Point	324	284	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7934	Shale Point	324	285	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7935	Shale Point	324	286	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7936	Shale Point	324	287	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7937	Shale Point	324	288	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7938	Shale Point	324	289	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7939	Shale Point	324	290	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7940	Shale Point	324	291	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7941	Shale Point	324	292	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7942	Shale Point	324	293	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7943	Shale Point	324	294	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7944	Shale Point	324	295	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7945	Shale Point	324	296	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7946	Shale Point	324	297	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7947	Shale Point	324	298	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7948	Shale Point	324	299	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7949	Shale Point	324	300	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7950	Shale Point	324	301	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7951	Shale Point	324	302	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7952	Shale Point	324	303	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7953	Shale Point	324	304	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7954	Shale Point	324	305	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7955	Shale Point	324	306	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7956	Shale Point	324	307	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7957	Shale Point	324	308	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7958	Shale Point	324	309	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7959	Shale Point	324	310	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7960	Shale Point	324	311	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7961	Shale Point	324	312	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7962	Shale Point	324	313	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7963	Shale Point	324	314	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7964	Shale Point	324	315	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7965	Shale Point	324	316	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7966	Shale Point	324	317	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7967	Shale Point	324	318	Temblor Range	54-E	strat column		middle Miocene Luisian Stage
7968	Shale Point	324	319	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7969	Shale Point	324	320	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7970	Shale Point	324	321	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7971	Shale Point	324	322	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7972	Shale Point	324	323	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7973	Shale Point	324	324	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7974	Shale Point	324	325	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7975	Shale Point	324	326	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7976	Shale Point	324	327	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7977	Shale Point	324	328	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7978	Shale Point	324	329	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7979	Shale Point	324	330	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7980	Shale Point	324	331	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7981	Shale Point	324	332	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7982	Shale Point	324	333	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7983	Shale Point	324	334	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7984	Shale Point	324	335	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7985	Shale Point	324	336	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7986	Shale Point	324	337	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7987	Shale Point	324	338	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7988	Shale Point	324	339	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7989	Shale Point	324	340	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7990	Shale Point	324	341	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7991	Shale Point	324	342	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7992	Shale Point	324	343	Temblor Range	54-F	strat column		middle Miocene Luisian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
7993	Shale Point	324	345	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7994	Shale Point	324	346	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7995	Shale Point	324	348	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7996	Shale Point	324	349	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7997	Shale Point	324	350	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7998	Shale Point	324	351	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
7999	Shale Point	324	352	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8000	Shale Point	324	353	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8001	Shale Point	324	354	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8002	Shale Point	324	355	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8003	Shale Point	324	356	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8004	Shale Point	324	357	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8005	Shale Point	324	358	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8006	Shale Point	324	359	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8007	Shale Point	324	360	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8008	Shale Point	324	361	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8009	Shale Point	324	362	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8010	Shale Point	324	363	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8011	Shale Point	324	364	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8012	Shale Point	324	365	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8013	Shale Point	324	366	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8014	Shale Point	324	367	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8015	Shale Point	324	368	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8016	Shale Point	324	369	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8017	Shale Point	324	370	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8018	Shale Point	324	371	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8019	Shale Point	324	372	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8020	Shale Point	324	373	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8021	Shale Point	324	374	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8022	Shale Point	324	375	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8023	Shale Point	324	376	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8024	Shale Point	324	377	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8025	Shale Point	324	378	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8026	Shale Point	324	379	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8027	Shale Point	324	380	Temblor Range	54-F	strat column		middle Miocene Luisian Stage
8028	Shale Point	324	381	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
8029	Shale Point	324	382	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
8030	Shale Point	324	383	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
8031	Shale Point	324	384	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
8032	Shale Point	324	385	Temblor Range	54-B	strat column		middle Miocene Luisian Stage
8033	Shale Point	324	386	Temblor Range	54-B	strat column		early Miocene Relizian Stage
8034	Shale Point	324	387	Temblor Range	54-B	strat column		early Miocene Relizian Stage
8035	Shale Point	324	388	Temblor Range	54-B	strat column		early Miocene Relizian Stage
8036	Shale Point	324	389	Temblor Range	54-B	strat column		early Miocene Relizian Stage
8037	Shale Point	324	390	Temblor Range	54-B	strat column		early Miocene Relizian Stage
8038	Shale Point	324	391	Temblor Range	54-B	strat column		early Miocene Relizian Stage
8039	Shale Point	324	392	Temblor Range	54-B	strat column		early Miocene Relizian Stage
8040	Shale Point	324	393	Temblor Range	54-B	strat column		early Miocene Relizian Stage
8041	Shale Point	324	394	Temblor Range	54-B	strat column		early Miocene Relizian Stage
8042	Shale Point	324	395	Temblor Range	54-B	strat column		early Miocene Relizian Stage
8043	Shale Point	324	396	Temblor Range	54-B	strat column		early Miocene Relizian Stage
8044	Shale Point	324	397	Temblor Range	54-B	strat column		early Miocene Relizian Stage
8045	Shale Point	324	398	Temblor Range	54-B	strat column		early Miocene Relizian Stage
8046	Shale Point	324	399	Temblor Range	54-B	strat column		early Miocene Relizian Stage
8047	Shale Point	324	400	Temblor Range	54-B	strat column		early Miocene Relizian Stage
8048	Shale Point	324	401	Temblor Range	54-B	strat column		early Miocene Relizian Stage
8049	Shale Point	324	402	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8050	Shale Point	324	403	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8051	Shale Point	324	404	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8052	Shale Point	324	405	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8053	Shale Point	324	406	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8054	Shale Point	324	407	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8055	Shale Point	324	408	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8056	Shale Point	324	409	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8057	Shale Point	324	410	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8058	Shale Point	324	411	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8059	Shale Point	324	412	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8060	Shale Point	324	413	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8061	Shale Point	324	414	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8062	Shale Point	324	415	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8063	Shale Point	324	416	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8064	Shale Point	324	417	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8065	Shale Point	324	418	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8066	Shale Point	324	419	Temblor Range	54-G	strat column		early Miocene Relizian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
8067	Shale Point	324	420	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8068	Shale Point	324	421	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8069	Shale Point	324	422	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8070	Shale Point	324	423	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8071	Shale Point	324	424	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8072	Shale Point	324	425	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8073	Shale Point	324	426	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8074	Shale Point	324	427	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8075	Shale Point	324	428	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8076	Shale Point	324	429	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8077	Shale Point	324	430	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8078	Shale Point	324	431	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8079	Shale Point	324	432	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8080	Shale Point	324	433	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8081	Shale Point	324	434	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8082	Shale Point	324	435	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8083	Shale Point	324	436	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8084	Shale Point	324	437	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8085	Shale Point	324	438	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8086	Shale Point	324	439	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8087	Shale Point	324	440	Temblor Range	54-G	strat column		early Miocene Relizian Stage
8088	Shale Point	324	441	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8089	Shale Point	324	442	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8090	Shale Point	324	443	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8091	Shale Point	324	444	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8092	Shale Point	324	445	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8093	Shale Point	324	446	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8094	Shale Point	324	447	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8095	Shale Point	324	448	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8096	Shale Point	324	449	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8097	Shale Point	324	450	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8098	Shale Point	324	451	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8099	Shale Point	324	452	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8100	Shale Point	324	453	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8101	Shale Point	324	454	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8102	Shale Point	324	455	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8103	Shale Point	324	456	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8104	Shale Point	324	457	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8105	Shale Point	324	458	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8106	Shale Point	324	459	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8107	Shale Point	324	460	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8108	Shale Point	324	461	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8109	Shale Point	324	462	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8110	Shale Point	324	463	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8111	Shale Point	324	464	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8112	Shale Point	324	465	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8113	Shale Point	324	466	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8114	Shale Point	324	467	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8115	Shale Point	324	468	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8116	Shale Point	324	469	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8117	Shale Point	324	470	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8118	Shale Point	324	471	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8119	Shale Point	324	472	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8120	Shale Point	324	473	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8121	Shale Point	324	475	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8122	Shale Point	324	476	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8123	Shale Point	324	477	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8124	Shale Point	324	479	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8125	Shale Point	324	481	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8126	Shale Point	324	482	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8127	Shale Point	324	483	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8128	Shale Point	324	484	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8129	Shale Point	324	485	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8130	Shale Point	324	486	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8131	Shale Point	324	487	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8132	Shale Point	324	488	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8133	Shale Point	324	489	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8134	Shale Point	324	490	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8135	Shale Point	324	491	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8136	Shale Point	324	492	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8137	Shale Point	324	493	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8138	Shale Point	324	494	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8139	Shale Point	324	495	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8140	Shale Point	324	496	Temblor Range	54-H	strat column		early Miocene Relizian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
8141	Shale Point	324	497	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8142	Shale Point	324	498	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8143	Shale Point	324	499	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8144	Shale Point	324	500	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8145	Shale Point	324	501	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8146	Shale Point	324	502	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8147	Shale Point	324	503	Temblor Range	54-H	strat column		early Miocene Relizian Stage
8148	Shale Point	324	504	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8149	Shale Point	324	B-1 etc	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8150	Shale Point	324	2	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8151	Shale Point	324	3	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8152	Shale Point	324	4	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8153	Shale Point	324	5	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8154	Shale Point	324	6	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8155	Shale Point	324	7	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8156	Shale Point	324	8	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8157	Shale Point	324	9	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8158	Shale Point	324	10	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8159	Shale Point	324	11	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8160	Shale Point	324	12	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8161	Shale Point	324	13	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8162	Shale Point	324	14	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8163	Shale Point	324	15	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8164	Shale Point	324	16	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8165	Shale Point	324	17	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8166	Shale Point	324	18	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8167	Shale Point	324	21	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8168	Shale Point	324	22	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8169	Shale Point	324	23	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8170	Shale Point	324	24	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8171	Shale Point	324	25	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8172	Shale Point	324	26	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8173	Shale Point	324	27	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8174	Shale Point	324	28	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8175	Shale Point	324	29	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8176	Shale Point	324	30	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8177	Shale Point	324	31	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8178	Shale Point	324	32	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8179	Shale Point	324	33	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8180	Shale Point	324	34	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8181	Shale Point	324	35	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8182	Shale Point	324	36	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8183	Shale Point	324	37	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8184	Shale Point	324	38	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8185	Shale Point	324	39	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8186	Shale Point	324	40	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8187	Shale Point	324	41	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8188	Shale Point	324	42	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8189	Shale Point	324	43	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8190	Shale Point	324	44	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8191	Shale Point	324	45	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8192	Shale Point	324	46	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8193	Shale Point	324	47	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8194	Shale Point	324	48	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8195	Shale Point	324	49	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8196	Shale Point	324	50	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8197	Shale Point	324	51	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8198	Shale Point	324	52	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8199	Shale Point	324	53	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8200	Shale Point	324	54	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8201	Shale Point	324	55	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8202	Shale Point	324	56	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8203	Shale Point	324	57	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8204	Shale Point	324	58	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8205	Shale Point	324	59	Temblor Range	54-I	strat column		early Miocene Relizian Stage
8206	Shale Point	324	60	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8207	Shale Point	324	61	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8208	Shale Point	324	62	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8209	Shale Point	324	63	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8210	Shale Point	324	64	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8211	Shale Point	324	65	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8212	Shale Point	324	66	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8213	Shale Point	324	67	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8214	Shale Point	324	68	Temblor Range	54-J	strat column		early Miocene Relizian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
8215	Shale Point	324	69	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8216	Shale Point	324	70	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8217	Shale Point	324	71	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8218	Shale Point	324	72	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8219	Shale Point	324	73	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8220	Shale Point	324	74	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8221	Shale Point	324	75	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8222	Shale Point	324	76	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8223	Shale Point	324	77	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8224	Shale Point	324	78	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8225	Shale Point	324	79	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8226	Shale Point	324	80	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8227	Shale Point	324	81	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8228	Shale Point	324	82	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8229	Shale Point	324	83	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8230	Shale Point	324	84	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8231	Shale Point	324	85	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8232	Shale Point	324	86	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8233	Shale Point	324	87	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8234	Shale Point	324	88	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8235	Shale Point	324	89	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8236	Shale Point	324	90	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8237	Shale Point	324	91	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8238	Shale Point	324	92	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8239	Shale Point	324	83	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8240	Shale Point	324	94	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8241	Shale Point	324	95	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8242	Shale Point	324	96	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8243	Shale Point	324	97	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8244	Shale Point	324	98	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8245	Shale Point	324	99	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8246	Shale Point	324	100	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8247	Shale Point	324	101	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8248	Shale Point	324	102	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8249	Shale Point	324	103	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8250	Shale Point	324	105	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8251	Shale Point	324	106	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8252	Shale Point	324	108	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8253	Shale Point	324	109	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8254	Shale Point	324	110	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8255	Shale Point	324	111	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8256	Shale Point	324	112	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8257	Shale Point	324	113	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8258	Shale Point	324	114	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8259	Shale Point	324	115	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8260	Shale Point	324	116	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8261	Shale Point	324	117	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8262	Shale Point	324	118	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8263	Shale Point	324	119	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8264	Shale Point	324	120	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8265	Shale Point	324	121	Temblor Range	54-J	strat column		early Miocene Relizian Stage
8266	Shale Point	324	122	Temblor Range	54-K	strat column		early Miocene Relizian Stage
8267	Shale Point	324	123	Temblor Range	54-K	strat column		early Miocene Relizian Stage
8268	Shale Point	324	124	Temblor Range	54-K	strat column		early Miocene Relizian Stage
8269	Shale Point	324	125	Temblor Range	54-K	strat column		early Miocene Relizian Stage
8270	Shale Point	324	126	Temblor Range	54-K	strat column		early Miocene Relizian Stage
8271	Shale Point	324	127	Temblor Range	54-K	strat column		early Miocene Relizian Stage
8272	Shale Point	324	128	Temblor Range	54-K	strat column		early Miocene Relizian Stage
8273	Shale Point	324	129	Temblor Range	54-K	strat column		early Miocene Relizian Stage
8274	Shale Point	324	131	Temblor Range	54-K	strat column		early Miocene Relizian Stage
8275	Shale Point	324	132	Temblor Range	54-K	strat column		early Miocene Relizian Stage
8276	Shale Point	324	133	Temblor Range	54-K	strat column		early Miocene Relizian Stage
8277	Shale Point	324	134	Temblor Range	54-K	strat column		early Miocene Relizian Stage
8278	Shale Point	324	135	Temblor Range	54-K	strat column		early Miocene Relizian Stage
8279	Shale Point	324	136	Temblor Range	54-K	strat column		early Miocene Relizian Stage
8280	Shale Point	324	137	Temblor Range	54-K	strat column		early Miocene Relizian Stage
8281	Shale Point	324	138	Temblor Range	54-K	strat column		early Miocene Relizian Stage
8282	Shale Point	324	139	Temblor Range	54-K	strat column		early Miocene Relizian Stage
8283	Shale Point	324	141	Temblor Range	54-K	strat column		early Miocene Relizian Stage
8284	Shale Point	324	149	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8285	Shale Point	324	150	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8286	Shale Point	324	151	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8287	Shale Point	324	154	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8288	Shale Point	324	155	Temblor Range	54-K	strat column		early Miocene Saucesian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
8289	Shale Point	324	157	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8290	Shale Point	324	164	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8291	Shale Point	324	165	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8292	Shale Point	324	166	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8293	Shale Point	324	167	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8294	Shale Point	324	168	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8295	Shale Point	324	169	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8296	Shale Point	324	170	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8297	Shale Point	324	171	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8298	Shale Point	324	172	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8299	Shale Point	324	173	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8300	Shale Point	324	174	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8301	Shale Point	324	175	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8302	Shale Point	324	176	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8303	Shale Point	324	177	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8304	Shale Point	324	178	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8305	Shale Point	324	179	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8306	Shale Point	324	180	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8307	Shale Point	324	182	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8308	Shale Point	324	185	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8309	Shale Point	324	186	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8310	Shale Point	324	187	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8311	Shale Point	324	188	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8312	Shale Point	324	191	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8313	Shale Point	324	192	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8314	Shale Point	324	195	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8315	Shale Point	324	196	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8316	Shale Point	324	197	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8317	Shale Point	324	198	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8318	Shale Point	324	199	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8319	Shale Point	324	201	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8320	Shale Point	324	202	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8321	Shale Point	324	203	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8322	Shale Point	324	204	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8323	Shale Point	324	205	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8324	Shale Point	324	206	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8325	Shale Point	324	207	Temblor Range	54-K	strat column		early Miocene Saucesian Stage
8326	Shale Point	324	208	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8327	Shale Point	324	209	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8328	Shale Point	324	210	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8329	Shale Point	324	211	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8330	Shale Point	324	212	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8331	Shale Point	324	213	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8332	Shale Point	324	214	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8333	Shale Point	324	215	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8334	Shale Point	324	216	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8335	Shale Point	324	217	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8336	Shale Point	324	218	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8337	Shale Point	324	219	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8338	Shale Point	324	220	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8339	Shale Point	324	221	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8340	Shale Point	324	222	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8341	Shale Point	324	223	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8342	Shale Point	324	224	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8343	Shale Point	324	225	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8344	Shale Point	324	226	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8345	Shale Point	324	227	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8346	Shale Point	324	228	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8347	Shale Point	324	229	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8348	Shale Point	324	230	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8349	Shale Point	324	231	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8350	Shale Point	324	232	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8351	Shale Point	324	233	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8352	Shale Point	324	234	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8353	Shale Point	324	235	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8354	Shale Point	324	236	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8355	Shale Point	324	237	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8356	Shale Point	324	238	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8357	Shale Point	324	239	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8358	Shale Point	324	240	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8359	Shale Point	324	242	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8360	Shale Point	324	242	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8361	Shale Point	324	243	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8362	Shale Point	324	244	Temblor Range	54-L	strat column		early Miocene Saucesian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
8363	Shale Point	324	245	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8364	Shale Point	324	246	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8365	Shale Point	324	247	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8366	Shale Point	324	248	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8367	Shale Point	324	249	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8368	Shale Point	324	250	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8369	Shale Point	324	251	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8370	Shale Point	324	252	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8371	Shale Point	324	256	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8372	Shale Point	324	258	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8373	Shale Point	324	259	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8374	Shale Point	324	261	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8375	Shale Point	324	262	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8376	Shale Point	324	263	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8377	Shale Point	324	264	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8378	Shale Point	324	265	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8379	Shale Point	324	266	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8380	Shale Point	324	267	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8381	Shale Point	324	268	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8382	Shale Point	324	269	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8383	Shale Point	324	270	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8384	Shale Point	324	271	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8385	Shale Point	324	272	Temblor Range	54-L	strat column		early Miocene Saucesian Stage
8386	Shale Point	324	277	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8387	Shale Point	324	279	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8388	Shale Point	324	280	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8389	Shale Point	324	281	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8390	Shale Point	324	282	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8391	Shale Point	324	283	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8392	Shale Point	324	285	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8393	Shale Point	324	286	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8394	Shale Point	324	289	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8395	Shale Point	324	290	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8396	Shale Point	324	291	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8397	Shale Point	324	292	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8398	Shale Point	324	293	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8399	Shale Point	324	294	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8400	Shale Point	324	295	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8401	Shale Point	324	296	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8402	Shale Point	324	297	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8403	Shale Point	324	298	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8404	Shale Point	324	299	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8405	Shale Point	324	300	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8406	Shale Point	324	301	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8407	Shale Point	324	302	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8408	Shale Point	324	304	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8409	Shale Point	324	305	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8410	Shale Point	324	307	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8411	Shale Point	324	308	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8412	Shale Point	324	310	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8413	Shale Point	324	311	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8414	Shale Point	324	312	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8415	Shale Point	324	313	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8416	Shale Point	324	314	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8417	Shale Point	324	315	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8418	Shale Point	324	316	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8419	Shale Point	324	317	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8420	Shale Point	324	318	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8421	Shale Point	324	319	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8422	Shale Point	324	320	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8423	Shale Point	324	321	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8424	Shale Point	324	322	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8425	Shale Point	324	323	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8426	Shale Point	324	324	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8427	Shale Point	324	325	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8428	Shale Point	324	326	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8429	Shale Point	324	327	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8430	Shale Point	324	328	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8431	Shale Point	324	329	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8432	Shale Point	324	330	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8433	Shale Point	324	331	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8434	Shale Point	324	332	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8435	Shale Point	324	333	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8436	Shale Point	324	334	Temblor Range	54-M	strat column		early Miocene Saucesian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
8437	Shale Point	324	335	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8438	Shale Point	324	336	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8439	Shale Point	324	337	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8440	Shale Point	324	338	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8441	Shale Point	324	339	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8442	Shale Point	324	340	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8443	Shale Point	324	341	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8444	Shale Point	324	342	Temblor Range	54-M	strat column		early Miocene Saucesian Stage
8445	Shale Point	324	343	Temblor Range	54-N	strat column		early Miocene Saucesian Stage
8446	Shale Point	324	344	Temblor Range	54-N	strat column		early Miocene Saucesian Stage
8447	Shale Point	324	B-345	Temblor Range	54-N	strat column		early Miocene Saucesian Stage
8448	Shale Point	324	2B	Temblor Range	52-A	duplicates or		see samples above
8449	Shale Point	324	15	Temblor Range	52-A	rewashed samples		see samples above
8450	Shale Point	324	17	Temblor Range	52-A			see samples above
8451	Shale Point	324	17A	Temblor Range	52-A			see samples above
8452	Shale Point	324	17B	Temblor Range	52-A			see samples above
8453	Shale Point	324	46	Temblor Range	52-A			see samples above
8454	Shale Point	324	46B	Temblor Range	52-A			see samples above
8455	Shale Point	324	46C	Temblor Range	52-A			see samples above
8456	Shale Point	324	110	Temblor Range	52-A			see samples above
8457	Shale Point	324	160	Temblor Range	52-A			see samples above
8458	Shale Point	324	162A	Temblor Range	52-A			see samples above
8459	Shale Point	324	175	Temblor Range	52-A			see samples above
8460	Shale Point	324	200	Temblor Range	52-A			see samples above
8461	Shale Point	324	211	Temblor Range	52-A			see samples above
8462	Shale Point	324	212	Temblor Range	52-A			see samples above
8463	Shale Point	324	213	Temblor Range	52-A			see samples above
8464	Shale Point	324	216	Temblor Range	52-A			see samples above
8465	Shale Point	324	217	Temblor Range	52-A			see samples above
8466	Shale Point	324	223	Temblor Range	52-A			see samples above
8467	Shale Point	324	224	Temblor Range	52-A			see samples above
8468	Shale Point	324	227	Temblor Range	52-A			see samples above
8469	Shale Point	324	228	Temblor Range	52-A			see samples above
8470	Shale Point	324	229	Temblor Range	52-A			see samples above
8471	Shale Point	324	230	Temblor Range	52-A			see samples above
8472	Shale Point	324	233	Temblor Range	52-A			see samples above
8473	Shale Point	324	234	Temblor Range	52-A			see samples above
8474	Shale Point	324	235	Temblor Range	52-A			see samples above
8475	Shale Point	324	237	Temblor Range	52-A			see samples above
8476	Shale Point	324	238	Temblor Range	52-A			see samples above
8477	Shale Point	324	239	Temblor Range	52-A			see samples above
8478	Shale Point	324	240	Temblor Range	52-A			see samples above
8479	Shale Point	324	241	Temblor Range	52-A			see samples above
8480	Shale Point	324	242	Temblor Range	52-A			see samples above
8481	Shale Point	324	243	Temblor Range	52-A			see samples above
8482	Shale Point	324	250	Temblor Range	52-A			see samples above
8483	Shale Point	324	251	Temblor Range	52-A			see samples above
8484	Shale Point	324	252	Temblor Range	52-A			see samples above
8485	Shale Point	324	253	Temblor Range	52-A			see samples above
8486	Shale Point	324	254	Temblor Range	52-A			see samples above
8487	Shale Point	324	256	Temblor Range	52-A			see samples above
8488	Shale Point	324	258	Temblor Range	52-A			see samples above
8489	Shale Point	324	259	Temblor Range	52-A			see samples above
8490	Shale Point	324	260	Temblor Range	52-A			see samples above
8491	Shale Point	324	261	Temblor Range	52-A			see samples above
8492	Shale Point	324	265	Temblor Range	52-A			see samples above
8493	Shale Point	324	283	Temblor Range	52-A			see samples above
8494	Shale Point	324	289	Temblor Range	52-A			see samples above
8495	Shale Point	324	291	Temblor Range	52-A			see samples above
8496	Shale Point	324	293	Temblor Range	52-A			see samples above
8497	Shale Point	324	311	Temblor Range	52-B			see samples above
8498	Shale Point	324	312	Temblor Range	52-B			see samples above
8499	Shale Point	324	313	Temblor Range	52-B			see samples above
8500	Shale Point	324	314	Temblor Range	52-B			see samples above
8501	Shale Point	324	315	Temblor Range	52-B			see samples above
8502	Shale Point	324	316	Temblor Range	52-B			see samples above
8503	Shale Point	324	317	Temblor Range	52-B			see samples above
8504	Shale Point	324	318	Temblor Range	52-B			see samples above
8505	Shale Point	324	319	Temblor Range	52-B			see samples above
8506	Shale Point	324	320	Temblor Range	52-B			see samples above
8507	Shale Point	324	321	Temblor Range	52-B			see samples above
8508	Shale Point	324	322	Temblor Range	52-B			see samples above
8509	Shale Point	324	323	Temblor Range	52-B			see samples above
8510	Shale Point	324	324	Temblor Range	52-B			see samples above

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
8511	Shale Point	324	325	Temblor Range	52-B			see samples above
8512	Shale Point	324	326	Temblor Range	52-B			see samples above
8513	Shale Point	324	327	Temblor Range	52-B			see samples above
8514	Shale Point	324	328	Temblor Range	52-B			see samples above
8515	Shale Point	324	329	Temblor Range	52-B			see samples above
8516	Shale Point	324	330	Temblor Range	52-B			see samples above
8517	Shale Point	324	331	Temblor Range	52-B			see samples above
8518	Shale Point	324	332	Temblor Range	52-B			see samples above
8519	Shale Point	324	333	Temblor Range	52-B			see samples above
8520	Shale Point	324	334	Temblor Range	52-B			see samples above
8521	Shale Point	324	335	Temblor Range	52-B			see samples above
8522	Shale Point	324	336	Temblor Range	52-B			see samples above
8523	Shale Point	324	337	Temblor Range	52-B			see samples above
8524	Shale Point	324	338	Temblor Range	52-B			see samples above
8525	Shale Point	324	339	Temblor Range	52-B			see samples above
8526	Shale Point	324	341	Temblor Range	52-B			see samples above
8527	Shale Point	324	342	Temblor Range	52-B			see samples above
8528	Shale Point	324	342	Temblor Range	52-B			see samples above
8529	Shale Point	324	343	Temblor Range	52-B			see samples above
8530	Shale Point	324	344	Temblor Range	52-B			see samples above
8531	Shale Point	324	345	Temblor Range	52-B			see samples above
8532	Shale Point	324	346	Temblor Range	52-B			see samples above
8533	Shale Point	324	347	Temblor Range	52-B			see samples above
8534	Shale Point	324	348	Temblor Range	52-B			see samples above
8535	Shale Point	324	349	Temblor Range	52-B			see samples above
8536	Shale Point	324	350	Temblor Range	52-B			see samples above
8537	Shale Point	324	351	Temblor Range	52-B			see samples above
8538	Shale Point	324	352	Temblor Range	52-B			see samples above
8539	Shale Point	324	353	Temblor Range	52-B			see samples above
8540	Shale Point	324	354	Temblor Range	52-B			see samples above
8541	Shale Point	324	355	Temblor Range	52-B			see samples above
8542	Shale Point	324	356	Temblor Range	52-B			see samples above
8543	Shale Point	324	357	Temblor Range	52-B			see samples above
8544	Shale Point	324	358	Temblor Range	52-B			see samples above
8545	Shale Point	324	360	Temblor Range	52-B			see samples above
8546	Shale Point	324	362	Temblor Range	52-B			see samples above
8547	Shale Point	324	363	Temblor Range	52-B			see samples above
8548	Shale Point	324	364	Temblor Range	52-B			see samples above
8549	Shale Point	324	365	Temblor Range	52-B			see samples above
8550	Shale Point	324	366	Temblor Range	52-B			see samples above
8551	Shale Point	324	367	Temblor Range	52-B			see samples above
8552	Shale Point	324	374	Temblor Range	52-B			see samples above
8553	Shale Point	324	375	Temblor Range	52-B			see samples above
8554	Shale Point	324	381	Temblor Range	52-B			see samples above
8555	Shale Point	324	382	Temblor Range	52-B			see samples above
8556	Shale Point	324	383	Temblor Range	52-C			see samples above
8557	Shale Point	324	384	Temblor Range	52-C			see samples above
8558	Shale Point	324	385	Temblor Range	52-C			see samples above
8559	Shale Point	324	390	Temblor Range	52-C			see samples above
8560	Shale Point	324	392	Temblor Range	52-C			see samples above
8561	Shale Point	324	393	Temblor Range	52-C			see samples above
8562	Shale Point	324	395	Temblor Range	52-C			see samples above
8563	Shale Point	324	398	Temblor Range	52-C			see samples above
8564	Shale Point	324	399	Temblor Range	52-C			see samples above
8565	Shale Point	324	401	Temblor Range	52-C			see samples above
8566	Shale Point	324	403A	Temblor Range	52-C			see samples above
8567	Shale Point	324	403B	Temblor Range	52-C			see samples above
8568	Shale Point	324	403C	Temblor Range	52-C			see samples above
8569	Shale Point	324	405	Temblor Range	52-C			see samples above
8570	Shale Point	324	406	Temblor Range	52-C			see samples above
8571	Shale Point	324	408	Temblor Range	52-C			see samples above
8572	Shale Point	324	410	Temblor Range	52-C			see samples above
8573	Shale Point	324	412	Temblor Range	52-C			see samples above
8574	Shale Point	324	410	Temblor Range	52-C			see samples above
8575	Shale Point	324	410A	Temblor Range	52-C			see samples above
8576	Shale Point	324	410B	Temblor Range	52-C			see samples above
8577	Shale Point	324	410C	Temblor Range	52-C			see samples above
8578	Shale Point	324	410D	Temblor Range	52-C			see samples above
8579	Shale Point	324	410E	Temblor Range	52-C			see samples above
8580	Shale Point	324	415	Temblor Range	52-C			see samples above
8581	Shale Point	324	416	Temblor Range	52-C			see samples above
8582	Shale Point	324	424	Temblor Range	52-C			see samples above
8583	Shale Point	324	426	Temblor Range	52-C			see samples above
8584	Shale Point	324	427	Temblor Range	52-C			see samples above

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
8585	Shale Point	324	428	Temblor Range	52-C			see samples above
8586	Shale Point	324	429	Temblor Range	52-C			see samples above
8587	Shale Point	324	430	Temblor Range	52-C			see samples above
8588	Shale Point	324	431	Temblor Range	52-C			see samples above
8589	Shale Point	324	432	Temblor Range	52-C			see samples above
8590	Shale Point	324	433	Temblor Range	52-C			see samples above
8591	Shale Point	324	434	Temblor Range	52-C			see samples above
8592	Shale Point	324	435	Temblor Range	52-C			see samples above
8593	Shale Point	324	436	Temblor Range	52-C			see samples above
8594	Shale Point	324	437	Temblor Range	52-C			see samples above
8595	Shale Point	324	438	Temblor Range	52-C			see samples above
8596	Shale Point	324	439	Temblor Range	52-C			see samples above
8597	Shale Point	324	440	Temblor Range	52-C			see samples above
8598	Shale Point	324	441	Temblor Range	52-C			see samples above
8599	Shale Point	324	442	Temblor Range	52-C			see samples above
8600	Shale Point	324	443	Temblor Range	52-C			see samples above
8601	Shale Point	324	444	Temblor Range	52-C			see samples above
8602	Shale Point	324	445	Temblor Range	52-C			see samples above
8603	Shale Point	324	446	Temblor Range	52-C			see samples above
8604	Shale Point	324	447	Temblor Range	52-C			see samples above
8605	Shale Point	324	448	Temblor Range	52-C			see samples above
8606	Shale Point	324	449	Temblor Range	52-C			see samples above
8607	Shale Point	324	450	Temblor Range	52-C			see samples above
8608	Shale Point	324	451	Temblor Range	52-C			see samples above
8609	Shale Point	324	452	Temblor Range	52-C			see samples above
8610	Shale Point	324	453	Temblor Range	52-C			see samples above
8611	Shale Point	324	454	Temblor Range	52-C			see samples above
8612	Shale Point	324	455	Temblor Range	52-C			see samples above
8613	Shale Point	324	456	Temblor Range	52-C			see samples above
8614	Shale Point	324	457	Temblor Range	52-C			see samples above
8615	Shale Point	324	458	Temblor Range	52-C			see samples above
8616	Shale Point	324	459	Temblor Range	52-D			see samples above
8617	Shale Point	324	463	Temblor Range	52-D			see samples above
8618	Shale Point	324	464	Temblor Range	52-D			see samples above
8619	Shale Point	324	465	Temblor Range	52-D			see samples above
8620	Shale Point	324	466	Temblor Range	52-D			see samples above
8621	Shale Point	324	467	Temblor Range	52-D			see samples above
8622	Shale Point	324	468	Temblor Range	52-D			see samples above
8623	Shale Point	324	469	Temblor Range	52-D			see samples above
8624	Shale Point	324	470	Temblor Range	52-D			see samples above
8625	Shale Point	324	476	Temblor Range	52-D			see samples above
8626	Shale Point	324	477	Temblor Range	52-D			see samples above
8627	Shale Point	324	478	Temblor Range	52-D			see samples above
8628	Shale Point	324	479	Temblor Range	52-D			see samples above
8629	Shale Point	324	480	Temblor Range	52-D			see samples above
8630	Shale Point	324	481	Temblor Range	52-D			see samples above
8631	Shale Point	324	483	Temblor Range	52-D			see samples above
8632	Shale Point	324	484	Temblor Range	52-D			see samples above
8633	Shale Point	324	485	Temblor Range	52-D			see samples above
8634	Shale Point	324	486	Temblor Range	52-D			see samples above
8635	Shale Point	324	487	Temblor Range	52-D			see samples above
8636	Shale Point	324	488	Temblor Range	52-D			see samples above
8637	Shale Point	324	489	Temblor Range	52-D			see samples above
8638	Shale Point	324	492	Temblor Range	52-D			see samples above
8639	Shale Point	324	492A	Temblor Range	52-D			see samples above
8640	Shale Point	324	493	Temblor Range	52-D			see samples above
8641	Shale Point	324	494	Temblor Range	52-D			see samples above
8642	Shale Point	324	495	Temblor Range	52-D			see samples above
8643	Shale Point	324	496	Temblor Range	52-D			see samples above
8644	Shale Point	324	498	Temblor Range	52-D			see samples above
8645	Shale Point	324	499	Temblor Range	52-D			see samples above
8646	Shale Point	324	501	Temblor Range	52-D			see samples above
8647	Shale Point	324	502	Temblor Range	52-D			see samples above
8648	Shale Point	324	504	Temblor Range	52-D			see samples above
8649	Shale Point	324	505A	Temblor Range	52-D			see samples above
8650	Shale Point	324	506	Temblor Range	52-D			see samples above
8651	Shale Point	324	510	Temblor Range	52-D			see samples above
8652	Shale Point	324	512	Temblor Range	52-D			see samples above
8653	Shale Point	324	513	Temblor Range	52-D			see samples above
8654	Calabasas	329	2	Brenta Junct. Area	45-N			middle Miocene Luisian Stage
8655	Canoga Park	330	12	Topanga Canyon	45-N			middle and late Miocene Mohnian Stage
8656	Canoga Park	330	13	Topanga Canyon	45-N			middle and late Miocene Mohnian Stage
8657	Canoga Park	330	16	Topanga Canyon	45-N			middle and late Miocene Mohnian Stage
8658	Canoga Park	330	17	Topanga Canyon	45-N			middle and late Miocene Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
8659	Oat Mountain	332	4	center of quad	45-N			possibly middle and late Miocene Mohnian Stage
8660	Oat Mountain	332	5	center of quad	45-N			middle Miocene Luisian Stage
8661	Oat Mountain	332	9	center of quad	45-N			middle Miocene Luisian Stage
8662	Oat Mountain	332	17	center of quad	45-N			middle and late Miocene Mohnian Stage
8663	Van Nuys	334	14	SE corner of quad	45-N			middle and late Miocene Mohnian Stage
8664	Van Nuys	334	15	SE corner of quad	45-N			middle and late Miocene Mohnian Stage
8665	Van Nuys	334	17	SE corner of quad	45-N			middle and late Miocene Mohnian Stage
8666	Sawtooth Ridge	335		NE part of quad	no slide	info in file 7511	NP age	middle Eocene B-1 Zone
8667	Emigrant Hill	335	1	Wagon Wheel Mtn	126-K	Strat column with	Temblor Fm.	early or middle Miocene
8668	Emigrant Hill	335	2	Wagon Wheel Mtn	126-I	a few foram	Temblor Fm.	early or middle Miocene
8669	Emigrant Hill	335	3	Wagon Wheel Mtn	126-I	species and a few	Temblor Fm.	early or middle Miocene
8670	Emigrant Hill	335	4	Wagon Wheel Mtn	126-I	zone calls. Ages	Temblor Fm.	early or middle Miocene
8671	Emigrant Hill	335	6	Wagon Wheel Mtn	126-I	inferred in part	Temblor Fm.	early or middle Miocene
8672	Emigrant Hill	335	23	Wagon Wheel Mtn	126-I	from rock units.	Temblor Fm.	early Miocene
8673	Emigrant Hill	335	25	Wagon Wheel Mtn	126-I	No indication on	Temblor Fm.	early Miocene
8674	Emigrant Hill	335	28	Wagon Wheel Mtn	126-I	map where each	Temblor Fm.	early Miocene
8675	Emigrant Hill	335	29	Wagon Wheel Mtn	126-I	sample is located.	Temblor Fm.	early Miocene
8676	Emigrant Hill	335	30	Wagon Wheel Mtn	126-I	Used report by	Temblor Fm.	Oligocene Zemorrian Stage
8677	Emigrant Hill	335	32	Wagon Wheel Mtn	126-I	Smith (1956, Univ	Temblor Fm.	Oligocene Zemorrian Stage
8678	Emigrant Hill	335	33	Wagon Wheel Mtn	126-I	Calif v 32) for	Temblor Fm.	Oligocene Zemorrian Stage
8679	Emigrant Hill	335	34	Wagon Wheel Mtn	126-I	some ages and	Temblor Fm.	Oligocene Zemorrian Stage
8680	Emigrant Hill	335	35	Wagon Wheel Mtn	126-I	formation picks.	Temblor Fm.	Oligocene Zemorrian Stage
8681	Emigrant Hill	335	36	Wagon Wheel Mtn	126-I		Temblor Fm.	Oligocene Zemorrian Stage
8682	Emigrant Hill	335	37	Wagon Wheel Mtn	126-I		Temblor Fm.	Oligocene Zemorrian Stage
8683	Emigrant Hill	335	40	Wagon Wheel Mtn	126-I		Wagon Whl Fm	late Eocene Refugian Stage
8684	Emigrant Hill	335	42	Wagon Wheel Mtn	126-I		Wagon Whl Fm	late Eocene Refugian Stage
8685	Emigrant Hill	335	43	Wagon Wheel Mtn	126-I		Wagon Whl Fm	late Eocene Refugian Stage
8686	Emigrant Hill	335	44	Wagon Wheel Mtn	126-I		Wagon Whl Fm	late Eocene Refugian Stage
8687	Emigrant Hill	335	45	Wagon Wheel Mtn	126-I	NP age	Wagon Whl Fm	late Eocene Ismolithus recurvus Zone
8688	Emigrant Hill	335	46	Wagon Wheel Mtn	126-I		Wagon Whl Fm	late Eocene Refugian Stage
8689	Emigrant Hill	335	47	Wagon Wheel Mtn	126-I		Wagon Whl Fm	late Eocene Refugian Stage
8690	Emigrant Hill	335	48	Wagon Wheel Mtn	126-I		Wagon Whl Fm	late Eocene Refugian Stage
8691	Emigrant Hill	335	49	Wagon Wheel Mtn	126-I		Wagon Whl Fm	late Eocene Refugian Stage
8692	Emigrant Hill	335	50	Wagon Wheel Mtn	126-J		Wagon Whl Fm	late Eocene Refugian Stage
8693	Emigrant Hill	335	51	Wagon Wheel Mtn	126-J		Wagon Whl Fm	late Eocene Refugian Stage
8694	Emigrant Hill	335	52	Wagon Wheel Mtn	126-J	NP age	Wagon Whl Fm	late Eocene Ismolithus recurvus Zone
8695	Emigrant Hill	335	53	Wagon Wheel Mtn	126-J		Wagon Whl Fm	late Eocene Refugian Stage
8696	Emigrant Hill	335	54	Wagon Wheel Mtn	126-J		Wagon Whl Fm	late Eocene Refugian Stage
8697	Emigrant Hill	335	55	Wagon Wheel Mtn	126-J		Welcome shale	late Eocene Refugian Stage
8698	Emigrant Hill	335	71	Wagon Wheel Mtn	no slide	NP age	Welcome shale	middle Eocene Discoaster martinii Zone
8699	Emigrant Hill	335	72	Wagon Wheel Mtn	no slide	NP age	Welcome shale	middle Eocene Discoaster martinii Zone
8700	Emigrant Hill	335	73	Wagon Wheel Mtn	126-J	no NP	Welcome shale	Eocene
8701	Emigrant Hill	335	76	Wagon Wheel Mtn	126-J	no NP	Welcome shale	Eocene
8702	Emigrant Hill	335	77	Wagon Wheel Mtn	126-J	no NP	Welcome shale	Eocene
8703	Emigrant Hill	335	79	Wagon Wheel Mtn	126-J	no NP	Welcome shale	Eocene
8704	Emigrant Hill	335	82	Wagon Wheel Mtn	126-J	no NP	Welcome shale	Eocene
8705	Emigrant Hill	335	83	Wagon Wheel Mtn	126-J	no NP	Welcome shale	Eocene
8706	Emigrant Hill	335	85	Wagon Wheel Mtn	126-J	NP age	Welcome shale	middle Eocene Discoaster martinii Zone
8707	Emigrant Hill	335	85A	Wagon Wheel Mtn	126-J	no NP	Welcome shale	Eocene
8708	Emigrant Hill	335	86	Wagon Wheel Mtn	126-J	no NP	Welcome shale	Eocene
8709	Emigrant Hill	335	87	Wagon Wheel Mtn	126-J	no NP	Welcome shale	Eocene
8710	Emigrant Hill	335	88	Wagon Wheel Mtn	126-J	no NP	Welcome shale	Eocene
8711	Emigrant Hill	335	89	Wagon Wheel Mtn	126-J	no NP	Welcome shale	Eocene
8712	Emigrant Hill	335	90	Wagon Wheel Mtn	126-J	no NP	Welcome shale	Eocene
8713	Emigrant Hill	335	91	Wagon Wheel Mtn	126-J	no NP	Welcome shale	Eocene
8714	Emigrant Hill	335	98	Wagon Wheel Mtn	126-J	NP age	Pt of Rocks SS	middle Eocene Chiphragmalithus quadratus Zone
8715	Emigrant Hill	335	99	Wagon Wheel Mtn	126-J	NP age	Pt of Rocks SS	middle Eocene Chiphragmalithus quadratus Zone
8716	Emigrant Hill	335	100	Wagon Wheel Mtn	126-J	no NP	Pt of Rocks SS	Eocene
8717	Emigrant Hill	335	102	Wagon Wheel Mtn	no slide	NP age	Gredal Shale	middle Eocene Chiphragmalithus quadratus Zone
8718	Emigrant Hill	335	103	Wagon Wheel Mtn	no slide	NP age	Gredal Shale	middle Eocene Chiphragmalithus quadratus Zone
8719	Emigrant Hill	335	104	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	middle Eocene Chiphragmalithus quadratus Zone
8720	Emigrant Hill	335	106	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	middle Eocene Chiphragmalithus quadratus Zone
8721	Emigrant Hill	335	107	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	middle Eocene Chiphragmalithus quadratus Zone
8722	Emigrant Hill	335	108	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	middle Eocene Chiphragmalithus quadratus Zone
8723	Emigrant Hill	335	109	Wagon Wheel Mtn	no slide	NP age	Gredal Shale	middle Eocene Rhabdpsphaera inflata Zone
8724	Emigrant Hill	335	110	Wagon Wheel Mtn	no slide	NP age	Gredal Shale	middle Eocene Rhabdpsphaera inflata Zone
8725	Emigrant Hill	335	111	Wagon Wheel Mtn	no slide	NP age	Gredal Shale	middle Eocene Rhabdpsphaera inflata Zone
8726	Emigrant Hill	335	112	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	early and middle Eocene Discoaster sublodoensis Zone
8727	Emigrant Hill	335	114	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	early Eocene Discoaster lodoensis Zone
8728	Emigrant Hill	335	115	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	early Eocene Discoaster lodoensis Zone
8729	Emigrant Hill	335	117	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	early Eocene Discoaster lodoensis Zone
8730	Emigrant Hill	335	118	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	early Eocene Discoaster lodoensis Zone
8731	Emigrant Hill	335	119	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	early Eocene Discoaster lodoensis Zone
8732	Emigrant Hill	335	120	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	early Eocene Discoaster lodoensis Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
8733	Emigrant Hill	335	121	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	early Eocene Discoaster lodoensis Zone
8734	Emigrant Hill	335	122	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	early Eocene Discoaster lodoensis Zone
8735	Emigrant Hill	335	123	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	early Eocene Discoaster lodoensis Zone
8736	Emigrant Hill	335	124	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	early Eocene Discoaster lodoensis Zone
8737	Emigrant Hill	335	125	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	early Eocene Discoaster lodoensis Zone
8738	Emigrant Hill	335	126	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	early Eocene Discoaster lodoensis Zone
8739	Emigrant Hill	335	127	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	early Eocene Discoaster lodoensis Zone
8740	Emigrant Hill	335	128	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	early Eocene Discoaster lodoensis Zone
8741	Emigrant Hill	335	129	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	early Eocene Discoaster lodoensis Zone
8742	Emigrant Hill	335	130	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	early Eocene Discoaster lodoensis Zone
8743	Emigrant Hill	335	131	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	early Eocene Discoaster lodoensis Zone
8744	Emigrant Hill	335	132	Wagon Wheel Mtn	126-J	NP age	Gredal Shale	Paleocene/early Eocene Tribrachiatus orthostylus Zone
8745	Emigrant Hill	335	133	Wagon Wheel Mtn	126-J	NP age	Maybury ss	Paleocene/early Eocene Tribrachiatus orthostylus Zone
8746	Emigrant Hill	335	134	Wagon Wheel Mtn	126-J	NP age	Hondo shale	Paleocene/early Eocene Tribrachiatus orthostylus Zone
8747	Emigrant Hill	335	135	Wagon Wheel Mtn	126-J	NP age	Hondo shale	Paleocene/early Eocene Tribrachiatus orthostylus Zone
8748	Emigrant Hill	335	136	Wagon Wheel Mtn	126-J	NP age	Hondo shale	Paleocene/early Eocene Tribrachiatus orthostylus Zone
8749	Emigrant Hill	335	137	Wagon Wheel Mtn	126-J	NP age	Hondo shale	Paleocene Discoaster binodosus Zone
8750	Emigrant Hill	335	slide 1	Wagon Wheel Mtn	126-K	picked slide		assemblage slide
8751	Emigrant Hill	335	slide 2	Wagon Wheel Mtn	126-K			assemblage slide
8752	Emigrant Hill	335	slide 3	Wagon Wheel Mtn	126-K			assemblage slide
8753	Emigrant Hill	335	B2	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8754	Emigrant Hill	335	B3	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8755	Emigrant Hill	335	B4	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8756	Emigrant Hill	335	B5	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8757	Emigrant Hill	335	B6	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8758	Emigrant Hill	335	B8	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8759	Emigrant Hill	335	B10	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8760	Emigrant Hill	335	B11	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8761	Emigrant Hill	335	B12	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8762	Emigrant Hill	335	B13	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8763	Emigrant Hill	335	B14	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8764	Emigrant Hill	335	B15	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8765	Emigrant Hill	335	B16	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8766	Emigrant Hill	335	B17	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8767	Emigrant Hill	335	B18	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8768	Emigrant Hill	335	B18	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8769	Emigrant Hill	335	B29	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8770	Emigrant Hill	335	B21	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8771	Emigrant Hill	335	B22	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8772	Emigrant Hill	335	B23	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8773	Emigrant Hill	335	B24	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8774	Emigrant Hill	335	B25	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8775	Emigrant Hill	335	B26	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8776	Emigrant Hill	335	B27	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8777	Emigrant Hill	335	B28	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8778	Emigrant Hill	335	B29	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8779	Emigrant Hill	335	B30	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8780	Emigrant Hill	335	B31	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8781	Emigrant Hill	335	B32	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8782	Emigrant Hill	335	B33	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8783	Emigrant Hill	335	B34	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8784	Emigrant Hill	335	B35	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8785	Emigrant Hill	335	B36	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8786	Emigrant Hill	335	B37	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8787	Emigrant Hill	335	B38	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8788	Emigrant Hill	335	B39	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8789	Emigrant Hill	335	B40	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8790	Emigrant Hill	335	B41	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8791	Emigrant Hill	335	B42	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8792	Emigrant Hill	335	B43	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8793	Emigrant Hill	335	B44	Wagon Wheel Mtn	126-H		Temblor Fm	Oligocene Zemorrian Stage
8794	Emigrant Hill	335	D1	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8795	Emigrant Hill	335	D2	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8796	Emigrant Hill	335	D4	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8797	Emigrant Hill	335	D5	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8798	Emigrant Hill	335	E1	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8799	Emigrant Hill	335	E2	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8800	Emigrant Hill	335	E3	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8801	Emigrant Hill	335	E4	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8802	Emigrant Hill	335	E5	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8803	Emigrant Hill	335	E6	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8804	Emigrant Hill	335	E7	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8805	Emigrant Hill	335	E8	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8806	Emigrant Hill	335	E9	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
8807	Emigrant Hill	335	E10	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8808	Emigrant Hill	335	E11	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8809	Emigrant Hill	335	E12	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8810	Emigrant Hill	335	E13	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8811	Emigrant Hill	335	E14	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8812	Emigrant Hill	335	E15	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8813	Emigrant Hill	335	E16	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8814	Emigrant Hill	335	E17	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8815	Emigrant Hill	335	E18	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8816	Emigrant Hill	335	E19	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8817	Emigrant Hill	335	E20	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8818	Emigrant Hill	335	E21	Wagon Wheel Mtn	126-I		Temblor Fm	early Miocene
8819	Knob Hill	336	A18	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8820	Knob Hill	336	B2	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8821	Knob Hill	336	B3	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8822	Knob Hill	336	B4	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8823	Knob Hill	336	B5	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8824	Knob Hill	336	B6	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8825	Knob Hill	336	B7	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8826	Knob Hill	336	B8	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8827	Knob Hill	336	B11	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8828	Knob Hill	336	B15	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8829	Knob Hill	336	B16	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8830	Knob Hill	336	B17	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8831	Knob Hill	336	B18	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8832	Knob Hill	336	B19	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8833	Knob Hill	336	B20	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8834	Knob Hill	336	B21	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8835	Knob Hill	336	B22	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8836	Knob Hill	336	B23	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8837	Knob Hill	336	B24	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8838	Knob Hill	336	B25	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8839	Knob Hill	336	B26	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8840	Knob Hill	336	B27	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8841	Knob Hill	336	B28	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8842	Knob Hill	336	C1	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8843	Knob Hill	336	C2	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8844	Knob Hill	336	C3	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8845	Knob Hill	336	C4	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8846	Knob Hill	336	C5	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8847	Knob Hill	336	C6	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8848	Knob Hill	336	C7	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8849	Knob Hill	336	C8	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8850	Knob Hill	336	C9	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8851	Knob Hill	336	C20	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8852	Knob Hill	336	C23	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8853	Knob Hill	336	C24	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8854	Knob Hill	336	C25	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8855	Knob Hill	336	C33	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8856	Knob Hill	336	C39	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8857	Knob Hill	336	C44	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8858	Knob Hill	336	C45	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8859	Knob Hill	336	C46	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8860	Knob Hill	336	C47	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8861	Knob Hill	336	C48	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8862	Knob Hill	336	C49	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8863	Knob Hill	336	C50	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8864	Knob Hill	336	C51	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8865	Knob Hill	336	C52	SE corner of map	5-M	Round Mtn silt	not on map	middle Miocene
8866	Knob Hill	336	C53	SE corner of map	5-N	Round Mtn silt	not on map	middle Miocene
8867	Knob Hill	336	C54	SE corner of map	5-N	Round Mtn silt	not on map	middle Miocene
8868	Knob Hill	336	C55	SE corner of map	5-N	Round Mtn silt	not on map	middle Miocene
8869	Knob Hill	336	C56	SE corner of map	5-N	Round Mtn silt	not on map	middle Miocene
8870	Knob Hill	336	C57	SE corner of map	5-N	Round Mtn silt	not on map	middle Miocene
8871	Knob Hill	336	C58	SE corner of map	5-N	Round Mtn silt	not on map	middle Miocene
8872	Knob Hill	336	C59	SE corner of map	5-N	Round Mtn silt	not on map	middle Miocene
8873	Knob Hill	336	C60	SE corner of map	5-N	Round Mtn silt	not on map	middle Miocene
8874	Knob Hill	336	C61	SE corner of map	5-N	Round Mtn silt	not on map	middle Miocene
8875	Knob Hill	336	C62	SE corner of map	5-N	Round Mtn silt	not on map	middle Miocene
8876	Knob Hill	336	C63	SE corner of map	5-N	Round Mtn silt	not on map	middle Miocene
8877	Knob Hill	336	E1	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8878	Knob Hill	336	E9	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8879	Knob Hill	336	F2	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8880	Knob Hill	336	F3	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
8881	Knob Hill	336	F4	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8882	Knob Hill	336	X1	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8883	Knob Hill	336	X2	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8884	Knob Hill	336	X4	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8885	Knob Hill	336	X5	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8886	Knob Hill	336	X6	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8887	Knob Hill	336	X7	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8888	Knob Hill	336	X8	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8889	Knob Hill	336	X9	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8890	Knob Hill	336	X12	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8891	Knob Hill	336	X13	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8892	Knob Hill	336	X15	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8893	Knob Hill	336	Y4	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8894	Knob Hill	336	Y5	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8895	Knob Hill	336	Y8	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8896	Knob Hill	336	Y10	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8897	Knob Hill	336	Y11	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8898	Knob Hill	336	Y12	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8899	Knob Hill	336	Y13	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8900	Knob Hill	336	Y14	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8901	Knob Hill	336	Y17	SE corner of map	31-J	Round Mtn silt	not on map	middle Miocene
8902	Knob Hill	337	C34	SE corner of map	5-M		not on map	early Miocene Saucesian Stage
8903	Knob Hill	337	D-50	SE corner of map	5-M		not on map	Oligocene Zemorrian or early Miocene Saucesian Stage
8904	Knob Hill	337	D-52	SE corner of map	5-M		not on map	early Miocene Saucesian Stage
8905	Knob Hill	337	D-53	SE corner of map	5-M		not on map	early Miocene Saucesian Stage
8906	Knob Hill	337	E-3	SE corner of map	5-M		not on map	early Miocene Saucesian Stage
8907	Knob Hill	337	E-7	SE corner of map	5-M		not on map	early Miocene Saucesian Stage
8908	Knob Hill	337	E-9	SE corner of map	5-M		not on map	early Miocene Saucesian Stage
8909	Knob Hill	337	E-10	SE corner of map	5-M		not on map	early Miocene Saucesian Stage
8910	Knob Hill	337	E-15	SE corner of map	5-M		not on map	early Miocene Saucesian Stage
8911	Knob Hill	337	E-17	SE corner of map	5-M		not on map	early Miocene Saucesian Stage
8912	Knob Hill	337	E-19	SE corner of map	5-M		not on map	early Miocene Saucesian Stage
8913	Knob Hill	337	E-22	SE corner of map	5-M		not on map	early Miocene Saucesian Stage
8914	Knob Hill	337	F-18	SE corner of map	5-M		not on map	early Miocene Saucesian Stage
8915	Knob Hill	337	G-11	SE corner of map	5-M		not on map	early Miocene Saucesian Stage
8916	Knob Hill	337	G-19	SE corner of map	5-M		not on map	early Miocene Saucesian Stage
8917	Knob Hill	337	G-33	SE corner of map	5-M		not on map	early Miocene Saucesian Stage
8918	Knob Hill	337	G-40	SE corner of map	5-M		not on map	early Miocene Saucesian Stage
8919	Van Nuys	337	2	Encino	59-A		strat column	middle and late Miocene Mohnian Stage
8920	Van Nuys	337	4	Encino	59-A		strat column	middle and late Miocene Mohnian Stage
8921	Van Nuys	337	5	Encino	59-A		strat column	middle and late Miocene Mohnian Stage
8922	Van Nuys	337	6	Encino	59-A		strat column	middle and late Miocene Mohnian Stage
8923	Van Nuys	337	7	Encino	59-A		strat column	middle and late Miocene Mohnian Stage
8924	Van Nuys	337	8	Encino	59-A		strat column	middle and late Miocene Mohnian Stage
8925	Van Nuys	337	9A	Encino	59-A		strat column	middle and late Miocene Mohnian Stage
8926	Taylor Canyon	338	1	NE part of quad	80-A	Caliente Mtn 15'		middle Miocene
8927	Taylor Canyon	338	3	NE part of quad	80-A	Caliente Mtn 15'		early Miocene Saucesian or Relizian Stage
8928	Taylor Canyon	338	4	NE part of quad	80-A	Caliente Mtn 15'		early Miocene Saucesian Stage
8929	Taylor Canyon	338	7	NE part of quad	80-A	Caliente Mtn 15'		middle Miocene
8930	Taylor Canyon	338	20	NE part of quad	80-A	Caliente Mtn 15'		middle Miocene
8931	Taylor Canyon	338	21	NE part of quad	80-A	Caliente Mtn 15'		middle Miocene
8932	Taylor Canyon	338	22A	NE part of quad	80-A	Caliente Mtn 15'		early Miocene
8933	Taylor Canyon	338	27	NE part of quad	no slide	Caliente Mtn 15'		middle Miocene Luisian Stage
8934	Taylor Canyon	338	32	NE part of quad	no slide	Caliente Mtn 15'		probably middle Miocene Luisian Stage
8935	Taylor Canyon	338	34	NE part of quad	80-A	Caliente Mtn 15'		middle Miocene
8936	Chimineas Ranch	338	40	SE part of quad	80-A	Caliente Mtn 15'		middle Miocene
8937	Chimineas Ranch	338	41	SE part of quad	80-A	Caliente Mtn 15'		middle Miocene Luisian Stage
8938	Chimineas Ranch	338	47	SE part of quad	80-A	Caliente Mtn 15'		early Miocene Saucesian Stage
8939	Chimineas Ranch	338	57	SE part of quad	80-A	Caliente Mtn 15'		early Miocene Relizian Stage
8940	Chimineas Ranch	338	65	SE part of quad	80-A	Caliente Mtn 15'		middle Miocene
8941	Chimineas Ranch	338	66	SE part of quad	80-A	Caliente Mtn 15'		middle Miocene
8942	Chimineas Ranch	338	67	SE part of quad	80-A	Caliente Mtn 15'		middle Miocene Luisian Stage
8943	Chimineas Ranch	338	69	SE part of quad	80-A	Caliente Mtn 15'		middle Miocene Luisian Stage
8944	Chimineas Ranch	338	70	SE part of quad	80-A	Caliente Mtn 15'		middle Miocene Luisian Stage
8945	Chimineas Ranch	338	74	SE part of quad	80-A	Caliente Mtn 15'		early Miocene Saucesian Stage
8946	Chimineas Ranch	338	77	SE part of quad	80-A	Caliente Mtn 15'		early Miocene Saucesian Stage
8947	Chimineas Ranch	338	78	SE part of quad	80-A	Caliente Mtn 15'		early Miocene Saucesian Stage
8948	Chimineas Ranch	338	80	SE part of quad	80-A	Caliente Mtn 15'		middle Miocene Luisian Stage
8949	Chimineas Ranch	338	81	SE part of quad	80-A	Caliente Mtn 15'		middle Miocene
8950	Chimineas Ranch	338	82	SE part of quad	80-A	Caliente Mtn 15'		middle Miocene
8951	Chimineas Ranch	338	83	SE part of quad	80-A	Caliente Mtn 15'		middle Miocene
8952	Chimineas Ranch	338	84	SE part of quad	80-A	Caliente Mtn 15'		middle Miocene
8953	Chimineas Ranch	338	85	SE part of quad	80-A	Caliente Mtn 15'		early Miocene Saucesian Stage
8954	Chimineas Ranch	338	87	SE part of quad	80-A	Caliente Mtn 15'		early Miocene Saucesian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
8955	Chimineas Ranch	338	95	SE part of quad	80-A	Caliente Mtn 15'		middle Miocene Luisian Stage
8956	Chimineas Ranch	338	97	SE part of quad	80-A	Caliente Mtn 15'		middle Miocene Luisian Stage
8957	Chimineas Ranch	338	98	SE part of quad	80-A	Caliente Mtn 15'		middle Miocene
8958	Chimineas Ranch	338	101	SE part of quad	80-A	Caliente Mtn 15'		middle Miocene
8959	Chimineas Ranch	338	109	SE part of quad	80-A	Caliente Mtn 15'		middle Miocene Luisian Stage
8960	Oil Center	340	17	Reed Canyon	I-13	not on map	Prob auger	Eocene
8961	Oil Center	340	25	Reed Canyon	I-13	not on map	Prob auger	Eocene
8962	Oil Center	340	32	Reed Canyon	I-13	not on map	Prob auger	Eocene
8963	Oil Center	340	50	Reed Canyon	I-13	not on map	Prob auger	Eocene
8964	Oil Center	340	55	Reed Canyon	I-13	not on map	Prob auger	Eocene
8965	Oil Center	340	60	Reed Canyon	I-13	not on map	Prob auger	Eocene
8966	Oil Center	340	65	Reed Canyon	I-13	not on map	Prob auger	Eocene
8967	Oil Center	340	70	Reed Canyon	I-13	not on map	Prob auger	Eocene
8968	Reyes Peak	341	42	center of quad	55-A			middle Eocene Narizian Stage
8969	Reyes Peak	341	48	center of quad	55-A			middle Eocene Narizian Stage
8970	Hepsedem Peak	343	1	James Canyon	71-A	Hernandez Vly 15'	not on map	late Miocene upper Delmontian Stage
8971	Hepsedem Peak	343	2	James Canyon	71-A	Hernandez Vly 15'	but have	late Miocene upper Delmontian Stage
8972	Hepsedem Peak	343	3	James Canyon	71-A	Hernandez Vly 15'	strat column	late Miocene upper Delmontian Stage
8973	Hepsedem Peak	343	4	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8974	Hepsedem Peak	343	5	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8975	Hepsedem Peak	343	5g	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8976	Hepsedem Peak	343	6	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8977	Hepsedem Peak	343	7	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8978	Hepsedem Peak	343	8	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8979	Hepsedem Peak	343	9	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8980	Hepsedem Peak	343	10	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8981	Hepsedem Peak	343	11	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8982	Hepsedem Peak	343	12	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8983	Hepsedem Peak	343	13	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8984	Hepsedem Peak	343	14	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8985	Hepsedem Peak	343	15	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8986	Hepsedem Peak	343	16	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8987	Hepsedem Peak	343	18	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8988	Hepsedem Peak	343	19	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8989	Hepsedem Peak	343	20	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8990	Hepsedem Peak	343	21	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8991	Hepsedem Peak	343	22	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8992	Hepsedem Peak	343	23	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8993	Hepsedem Peak	343	24	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8994	Hepsedem Peak	343	25	James Canyon	71-A	Hernandez Vly 15'		late Miocene upper Delmontian Stage
8995	Whitaker Peak	343	1	Canton Canyon	56-K	see loc **167** for	Age from	Eocene
8996	Whitaker Peak	343	2	Canton Canyon	56-K	foram and mollusk	slide but have	Eocene
8997	Whitaker Peak	343	3	Canton Canyon	56-K	check list. Have	paleo cards	Eocene
8998	Whitaker Peak	343	4	Canton Canyon	56-K	strat column		Eocene
8999	Whitaker Peak	343	5	Canton Canyon	56-K			Eocene
9000	Whitaker Peak	343	6	Canton Canyon	56-K	#s 4 and 5 have		Eocene
9001	Whitaker Peak	343	7	Canton Canyon	56-K	Discocyclina		Eocene
9002	Whitaker Peak	343	8	Canton Canyon	56-K			Eocene
9003	Whitaker Peak	343	9	Canton Canyon	56-K	UCLA thesis		Eocene
9004	Whitaker Peak	343	10	Canton Canyon	56-K			Eocene
9005	Whitaker Peak	343	11	Canton Canyon	56-K			Eocene
9006	Whitaker Peak	343	12	Canton Canyon	56-K			Eocene
9007	Whitaker Peak	343	13	Canton Canyon	56-K			Eocene
9008	Whitaker Peak	343	16	Canton Canyon	56-K			Eocene
9009	Whitaker Peak	343	18	Canton Canyon	56-K			Eocene
9010	Whitaker Peak	343	20	Canton Canyon	56-K			Eocene
9011	Whitaker Peak	343	21	Canton Canyon	56-K			Eocene
9012	Whitaker Peak	343	22	Canton Canyon	56-K			Eocene
9013	Whitaker Peak	343	23	Canton Canyon	56-K			Eocene
9014	Whitaker Peak	343	24	Canton Canyon	56-K			Eocene
9015	Whitaker Peak	343	25	Canton Canyon	56-K			Eocene
9016	Whitaker Peak	343	26	Canton Canyon	56-K			Eocene
9017	Simi Valley East	344	238	not on map	76-J	Located in Oil	Have strat	Eocene
9018	Simi Valley East	344	239	not on map	76-J	Caynon north of	column	Eocene
9019	Simi Valley East	344	240	not on map	76-J	Simi Valley but	Llajas Fm	Eocene
9020	Simi Valley East	344	241	not on map	76-J	this name is not on	Llajas Fm	Eocene
9021	Simi Valley East	344	242	not on map	76-J	modern topo maps.	Llajas Fm	Eocene
9022	Simi Valley East	344	243	not on map	76-J	Have strat column	Llajas Fm	Eocene
9023	Simi Valley East	344	244	not on map	76-J	prob center of map	Llajas Fm	Eocene
9024	Simi Valley East	344	245	not on map	76-J	prob center of map	Llajas Fm	Eocene
9025	Simi Valley East	344	247	not on map	76-J	prob center of map	Llajas Fm	Eocene
9026	Simi Valley East	344	250	not on map	76-J	prob center of map	Llajas Fm	Eocene
9027	Simi Valley East	344	252	not on map	76-J	prob center of map	Llajas Fm	Eocene
9028	Simi Valley East	344	254	not on map	76-J	prob center of map	Llajas Fm	Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
9029	Simi Valley East	344	255	not on map	76-J	prob center of map	Llajas Fm	Eocene
9030	Simi Valley East	344	256	not on map	76-J	prob center of map	Llajas Fm	Eocene
9031	Simi Valley East	344	258	not on map	76-J	prob center of map	Llajas Fm	Eocene
9032	Simi Valley East	344	260	not on map	76-J	prob center of map	Llajas Fm	Eocene
9033	Simi Valley East	344	261	not on map	76-J	prob center of map	Llajas Fm	Eocene
9034	Simi Valley East	344	262	not on map	76-J	prob center of map	Llajas Fm	Eocene
9035	Simi Valley East	344	263	not on map	76-J	prob center of map	Llajas Fm	Eocene
9036	Simi Valley East	344	265	not on map	76-J	prob center of map	Llajas Fm	Eocene
9037	Simi Valley East	344	266	not on map	76-J	prob center of map	Llajas Fm	Eocene
9038	Simi Valley East	344	267	not on map	76-J	prob center of map	Llajas Fm	Eocene
9039	Simi Valley East	344	268	not on map	76-J	prob center of map	Llajas Fm	Eocene
9040	Simi Valley East	344	269	not on map	76-J	prob center of map	Llajas Fm	Eocene
9041	Simi Valley East	344	270	not on map	76-J	prob center of map	Llajas Fm	Eocene
9042	Simi Valley East	344	271	not on map	76-J	prob center of map	Llajas Fm	Eocene
9043	Simi Valley East	344	273	not on map	76-J	prob center of map	Llajas Fm	Eocene
9044	Simi Valley East	344	275	not on map	76-J	prob center of map	Llajas Fm	Eocene
9045	Simi Valley East	344	276	not on map	76-J	prob center of map	Llajas Fm	Eocene
9046	Simi Valley East	344	277	not on map	76-J	prob center of map	Llajas Fm	Eocene
9047	Simi Valley East	344	281	not on map	76-J	prob center of map	Llajas Fm	Eocene
9048	Simi Valley East	344	282	not on map	76-J	prob center of map	Llajas Fm	Eocene
9049	Simi Valley East	344	283	not on map	76-J	prob center of map	Llajas Fm	Eocene
9050	Simi Valley East	344	287	not on map	76-J	prob center of map	Llajas Fm	Eocene
9051	Simi Valley East	344	288	not on map	76-J	prob center of map	Llajas Fm	Eocene
9052	Simi Valley East	344	289	not on map	76-J	prob center of map	Llajas Fm	Eocene
9053	Simi Valley East	344	290	not on map	76-J	prob center of map	Llajas Fm	Eocene
9054	Simi Valley East	344	293	not on map	76-J	prob center of map	Llajas Fm	Eocene
9055	Simi Valley East	344	294	not on map	76-J	prob center of map	Llajas Fm	Eocene
9056	Simi Valley East	344	295	not on map	76-K	prob center of map	Llajas Fm	Eocene
9057	Simi Valley East	344	296	not on map	76-K	prob center of map	Llajas Fm	Eocene
9058	Simi Valley East	344	297	not on map	76-K	prob center of map	Llajas Fm	Eocene
9059	Simi Valley East	344	298	not on map	76-K	prob center of map	Llajas Fm	Eocene
9060	Simi Valley East	344	299	not on map	76-K	prob center of map	Llajas Fm	Eocene
9061	Simi Valley East	344	300	not on map	76-K	prob center of map	Llajas Fm	Eocene
9062	Simi Valley East	344	301	not on map	76-K	prob center of map	Llajas Fm	Eocene
9063	Simi Valley East	344	302	not on map	76-K	prob center of map	Llajas Fm	Eocene
9064	Simi Valley East	344	303	not on map	76-K	prob center of map	Llajas Fm	Eocene
9065	Simi Valley East	344	304	not on map	76-K	prob center of map	Llajas Fm	Eocene
9066	Simi Valley East	344	305	not on map	76-K	prob center of map	Llajas Fm	Eocene
9067	Simi Valley East	344	306	not on map	76-K	prob center of map	Llajas Fm	Eocene
9068	Simi Valley East	344	307	not on map	76-K	prob center of map	Llajas Fm	Eocene
9069	Simi Valley East	344	308	not on map	76-K	prob center of map	Llajas Fm	Eocene
9070	Simi Valley East	344	309	not on map	76-K	prob center of map	Llajas Fm	Eocene
9071	Wheeler Springs	344	1	Sespe Gorge	55-L	Hwy 399		Eocene
9072	Wheeler Springs	344	3	Sespe Gorge	55-L			Eocene
9073	Wheeler Springs	344	4	Sespe Gorge	55-L			Eocene
9074	Wheeler Springs	344	5	Sespe Gorge	55-L			Eocene
9075	Wheeler Springs	344	6	Sespe Gorge	55-L			Eocene
9076	Wheeler Springs	344	7	Sespe Gorge	55-L			Eocene
9077	Wheeler Springs	344	8	Sespe Gorge	55-L			Eocene
9078	Wheeler Springs	344	9	Sespe Gorge	55-L			Eocene
9079	Wheeler Springs	344	10	Sespe Gorge	55-L			Eocene
9080	Wheeler Springs	344	11	Sespe Gorge	55-L			Eocene
9081	Wheeler Springs	344	13	Sespe Gorge	55-L			Eocene
9082	Wheeler Springs	344	14	Sespe Gorge	55-L			Eocene
9083	Wheeler Springs	344	15	Sespe Gorge	55-L			Eocene
9084	Wheeler Springs	344	16	Sespe Gorge	55-L			Eocene
9085	Wheeler Springs	344	17	Sespe Gorge	55-L			Eocene
9086	Wheeler Springs	344	18	Sespe Gorge	55-L			Eocene
9087	Wheeler Springs	344	19	Sespe Gorge	55-L			Eocene
9088	Wheeler Springs	344	20	Sespe Gorge	55-L			Eocene
9089	Wheeler Springs	344	25	Sespe Gorge	55-L			Eocene
9090	Wheeler Springs	344	26	Sespe Gorge	55-L			Eocene
9091	Wheeler Springs	344	31	Sespe Gorge	55-L			Eocene
9092	Simi Valley East	345	329	not on map	79-K	S. Susana fm.	Age from	early Eocene D Zone
9093	Simi Valley East	345	330	not on map	79-K	Did not find the	Weaver	early Eocene D Zone
9094	Simi Valley East	345	336	not on map	79-K	locality. Strat		early Eocene D Zone
9095	Simi Valley East	345	337	not on map	79-K	column indicates it		early Eocene D Zone
9096	Simi Valley East	345	338	not on map	79-K	is in Llagas and		early Eocene D Zone
9097	Simi Valley East	345	339	not on map	79-K	Poison Oak Canyons		early Eocene D Zone
9098	Simi Valley East	345	340	not on map	79-K	in center of Simi		early Eocene D Zone
9099	Simi Valley East	345	341	not on map	79-K	Valley East quad.		early Eocene D Zone
9100	Simi Valley East	345	342	not on map	79-K	center of map		early Eocene D Zone
9101	Simi Valley East	345	343	not on map	79-K	center of map		early Eocene D Zone
9102	Simi Valley East	345	344	not on map	79-K	center of map		early Eocene D Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
9103	Simi Valley East	345	345	not on map	79-K	center of map		early Eocene D Zone
9104	Simi Valley East	345	346	not on map	79-K	center of map		early Eocene D Zone
9105	Simi Valley East	345	347	not on map	79-K	center of map		early Eocene D Zone
9106	Simi Valley East	345	348	not on map	79-K	center of map		early Eocene D Zone
9107	Simi Valley East	345	349	not on map	79-K	center of map		early Eocene D Zone
9108	Simi Valley East	345	350	not on map	79-K	center of map		early Eocene D Zone
9109	Simi Valley East	345	351	not on map	79-K	center of map		early Eocene D Zone
9110	Simi Valley East	345	352	not on map	79-K	center of map		early Eocene D Zone
9111	Simi Valley East	345	353	not on map	79-K	center of map		early Eocene D Zone
9112	Simi Valley East	345	354	not on map	79-K	center of map		early Eocene D Zone
9113	Simi Valley East	345	355	not on map	79-K	center of map		early Eocene D Zone
9114	Simi Valley East	345	356	not on map	79-K	center of map		early Eocene D Zone
9115	Simi Valley East	345	357	not on map	79-K	center of map		early Eocene D Zone
9116	Simi Valley East	345	358	not on map	79-K	center of map		early Eocene D Zone
9117	Simi Valley East	345	359	not on map	79-K	center of map		early Eocene D Zone
9118	Simi Valley East	345	360	not on map	79-K	center of map		early Eocene D Zone
9119	Simi Valley East	345	361	not on map	79-K	center of map		early Eocene D Zone
9120	Simi Valley East	345	362	not on map	79-K	center of map		early Eocene D Zone
9121	Simi Valley East	345	363	not on map	79-K	center of map		early Eocene D Zone
9122	Simi Valley East	345	364	not on map	79-K	center of map		early Eocene D Zone
9123	Simi Valley East	345	365	not on map	79-K	center of map		early Eocene D Zone
9124	Simi Valley East	345	366	not on map	79-K	center of map		early Eocene D Zone
9125	Simi Valley East	345	367	not on map	79-K	center of map		early Eocene D Zone
9126	Simi Valley East	345	368	not on map	79-K	center of map		early Eocene D Zone
9127	Simi Valley East	345	369	not on map	79-K	center of map		early Eocene D Zone
9128	Simi Valley East	345	370	not on map	79-K	center of map		early Eocene D Zone
9129	Simi Valley East	345	371	not on map	79-K	center of map		early Eocene D Zone
9130	Simi Valley East	345	372	not on map	79-K	center of map		early Eocene D Zone
9131	Simi Valley East	345	374	not on map	79-K	center of map		early Eocene D Zone
9132	Simi Valley East	345	375	not on map	79-K	center of map		early Eocene D Zone
9133	Simi Valley East	345	376	not on map	79-K	center of map		early Eocene D Zone
9134	Simi Valley East	345	377	not on map	79-K	center of map		early Eocene D Zone
9135	Simi Valley East	345	378	not on map	79-K	center of map		early Eocene D Zone
9136	Simi Valley East	345	379	not on map	79-K	center of map		early Eocene D Zone
9137	Simi Valley East	345	380	not on map	79-K	center of map		early Eocene D Zone
9138	Simi Valley East	345	381	not on map	79-K	center of map		early Eocene D Zone
9139	Simi Valley East	345	382	not on map	79-K	center of map		early Eocene D Zone
9140	Simi Valley East	345	383	not on map	79-L	center of map		early Eocene D Zone
9141	Simi Valley East	345	384	not on map	79-L	center of map		early Eocene D Zone
9142	Simi Valley East	345	385	not on map	79-L	center of map		early Eocene D Zone
9143	Simi Valley East	345	386	not on map	79-L	center of map		early Eocene D Zone
9144	Simi Valley East	345	387	not on map	79-L	center of map		early Eocene D Zone
9145	Simi Valley East	345	388	not on map	79-L	center of map		early Eocene D Zone
9146	Simi Valley East	345	389	not on map	79-L	center of map		early Eocene D Zone
9147	Simi Valley East	345	390	not on map	79-L	center of map		early Eocene D Zone
9148	Simi Valley East	345	391	not on map	79-L	center of map		early Eocene D Zone
9149	Simi Valley East	345	392	not on map	79-L	center of map		early Eocene D Zone
9150	Simi Valley East	345	393	not on map	79-L	center of map		early Eocene D Zone
9151	Simi Valley East	345	394	not on map	79-L	center of map		early Eocene D Zone
9152	Simi Valley East	345	395	not on map	79-L	center of map		early Eocene D Zone
9153	Simi Valley East	345	396	not on map	79-L	center of map		early Eocene D Zone
9154	Simi Valley East	345	397	not on map	79-L	center of map		early Eocene D Zone
9155	Simi Valley East	345	398	not on map	79-L	center of map		early Eocene D Zone
9156	Simi Valley East	345	399	not on map	79-L	center of map		early Eocene D Zone
9157	Simi Valley East	345	400	not on map	79-L	center of map		early Eocene D Zone
9158	Simi Valley East	345	401	not on map	79-L	center of map		early Eocene D Zone
9159	Simi Valley East	345	402	not on map	79-L	center of map		early Eocene D Zone
9160	Simi Valley East	345	403	not on map	79-L	center of map		early Eocene D Zone
9161	Simi Valley East	345	404	not on map	79-L	center of map		early Eocene D Zone
9162	Simi Valley East	345	406	not on map	79-L	center of map		early Eocene D Zone
9163	Simi Valley East	345	407	not on map	79-L	center of map		early Eocene D Zone
9164	Simi Valley East	345	408	not on map	79-L	center of map		early Eocene D Zone
9165	Simi Valley East	345	409	not on map	79-L	center of map		early Eocene D Zone
9166	Simi Valley East	345	410	not on map	79-L	center of map		early Eocene D Zone
9167	Simi Valley East	345	411	not on map	79-L	center of map		early Eocene D Zone
9168	Simi Valley East	345	412	not on map	79-L	center of map		early Eocene D Zone
9169	Simi Valley East	345	413	not on map	79-L	center of map		early Eocene D Zone
9170	Simi Valley East	345	417	not on map	79-L	center of map		early Eocene D Zone
9171	Stockdale Mountain	345		22/23S/13E	no slide		Pecten age	late Miocene
9172	Calabasas	346	4	SE part of quad	45-M			middle and late Miocene upper Mohnian Stage
9173	Fox Mountain	346	16	S Barbara Canyon	76-C	Salisbury Cyn 15'		early Eocene
9174	Fox Mountain	346	20	S Barbara Canyon	76-C	Salisbury Cyn 15'		Eocene
9175	Calabasas	347	5	SE part of quad	45-M			Miocene
9176	Fox Mountain	349	156	S Barbara Canyon	88-M	Salisbury Cyn 15'	pelagics	early Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
9177	Solyo	350	1	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9178	Solyo	350	2	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9179	Solyo	350	3	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9180	Solyo	350	4	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9181	Solyo	350	5	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9182	Solyo	350	6	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9183	Solyo	350	7	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9184	Solyo	350	8	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9185	Solyo	350	9	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9186	Solyo	350	13	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9187	Solyo	350	15	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9188	Solyo	350	17	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9189	Solyo	350	18	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9190	Solyo	350	19	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9191	Solyo	350	20	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9192	Solyo	350	37	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9193	Solyo	350	38	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9194	Solyo	350	39	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9195	Solyo	350	40	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9196	Solyo	350	41	Ingram Canyon	224-K	strat column		Late Cretaceous D-1 Zone
9197	Solyo	350	42	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9198	Solyo	350	43	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9199	Solyo	350	44	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9200	Solyo	350	45	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9201	Solyo	350	46	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9202	Solyo	350	47	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9203	Solyo	350	48	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9204	Solyo	350	49	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9205	Solyo	350	50	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9206	Solyo	350	51	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9207	Solyo	350	52	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9208	Solyo	350	53	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9209	Solyo	350	54	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9210	Solyo	350	55	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9211	Solyo	350	56	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9212	Solyo	350	57	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9213	Solyo	350	58	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9214	Solyo	350	59	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9215	Solyo	350	60	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9216	Solyo	350	61	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9217	Solyo	350	62	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9218	Solyo	350	63	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9219	Solyo	350	64	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9220	Solyo	350	65	Ingram Canyon	224-K	strat column		Late Cretaceous D-2 Zone
9221	Solyo	350	66	Ingram Canyon	224-L	strat column		Late Cretaceous D-2 Zone
9222	Solyo	350	67	Ingram Canyon	224-L	strat column		Late Cretaceous D-2 Zone
9223	Solyo	350	68	Ingram Canyon	224-L	strat column		Late Cretaceous D-2 Zone
9224	Solyo	350	69	Ingram Canyon	224-L	strat column		Late Cretaceous D-2 Zone
9225	Solyo	350	70	Ingram Canyon	224-L	strat column		Late Cretaceous D-2 Zone
9226	Solyo	350	80	Ingram Canyon	224-L	strat column		Late Cretaceous D-2 Zone
9227	Solyo	350	81	Ingram Canyon	224-L	strat column		Late Cretaceous D-2 Zone
9228	Solyo	350	82	Ingram Canyon	224-L	strat column		Late Cretaceous D-2 Zone
9229	Solyo	350	83	Ingram Canyon	224-L	strat column		Late Cretaceous E Zone
9230	Solyo	350	17	Ingram Canyon	224-L		rewash	no new information
9231	Solyo	350	18	Ingram Canyon	224-L		rewash	no new information
9232	Solyo	350	19	Ingram Canyon	224-L		rewash	no new information
9233	Solyo	350	20	Ingram Canyon	224-L		rewash	no new information
9234	Solyo	350	38	Ingram Canyon	224-L		rewash	no new information
9235	Solyo	350	39	Ingram Canyon	224-L		rewash	no new information
9236	Solyo	350	40	Ingram Canyon	224-L		rewash	no new information
9237	Solyo	350	41	Ingram Canyon	224-L		rewash	no new information
9238	Solyo	350	42	Ingram Canyon	224-L		rewash	no new information
9239	Solyo	350	43	Ingram Canyon	224-L		rewash	no new information
9240	Solyo	350	44	Ingram Canyon	224-L		rewash	no new information
9241	Solyo	350	45	Ingram Canyon	224-L		rewash	no new information
9242	Solyo	350	46	Ingram Canyon	224-L		rewash	no new information
9243	Solyo	350	47	Ingram Canyon	224-L		rewash	no new information
9244	Solyo	350	48	Ingram Canyon	224-L		rewash	no new information
9245	Solyo	350	66	Ingram Canyon	224-L		rewash	no new information
9246	Solyo	350	67	Ingram Canyon	224-L		rewash	no new information
9247	Solyo	350	68	Ingram Canyon	224-L		rewash	no new information
9248	Solyo	350	69	Ingram Canyon	224-L		rewash	no new information
9249	Solyo	350	70	Ingram Canyon	224-L		rewash	no new information
9250	Solyo	350	80	Ingram Canyon	224-L		rewash	no new information

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
9251	Solyo	350	81	Ingram Canyon	224-L		rewash	no new information
9252	Solyo	350	82	Ingram Canyon	224-L		rewash	no new information
9253	Solyo	350	83	Ingram Canyon	224-L		rewash	no new information
9254	Patterson	351	25	Del Puerto Canyon	78-L	strat column		Late Cretaceous E Zone
9255	Patterson	351	26	Del Puerto Canyon	78-L	strat column		Late Cretaceous E Zone
9256	Patterson	351	27	Del Puerto Canyon	78-L	strat column		Late Cretaceous E Zone
9257	Patterson	351	28	Del Puerto Canyon	78-L	strat column		Late Cretaceous E Zone
9258	Patterson	351	29	Del Puerto Canyon	78-L	strat column		Late Cretaceous E Zone
9259	Patterson	351	30	Del Puerto Canyon	78-L	strat column		Late Cretaceous E Zone
9260	Patterson	351	31	Del Puerto Canyon	78-L	strat column		Late Cretaceous E Zone
9261	Patterson	351	32	Del Puerto Canyon	78-L	strat column		Late Cretaceous E Zone
9262	Patterson	351	33	Del Puerto Canyon	78-L	strat column		Late Cretaceous E Zone
9263	Patterson	351	34	Del Puerto Canyon	78-L	strat column		Late Cretaceous E Zone
9264	Patterson	351	36	Del Puerto Canyon	78-L	strat column		Late Cretaceous E Zone
9265	Patterson	351	37	Del Puerto Canyon	78-L	strat column		Late Cretaceous E Zone
9266	Patterson	351	38	Del Puerto Canyon	78-L	strat column		Late Cretaceous E Zone
9267	Patterson	351	39	Del Puerto Canyon	78-L	strat column		Late Cretaceous E Zone
9268	Patterson	351	47	Del Puerto Canyon	78-L	strat column		Late Cretaceous E Zone
9269	Patterson	351	51	Del Puerto Canyon	78-L	strat column		Late Cretaceous E Zone
9270	Patterson	351	52	Del Puerto Canyon	78-L	strat column		Late Cretaceous D-2 Zone
9271	Patterson	351	54	Del Puerto Canyon	78-L	strat column		Late Cretaceous D-2 Zone
9272	Patterson	351	71	Del Puerto Canyon	78-L	strat column		Late Cretaceous D-2 Zone
9273	Patterson	351	72	Del Puerto Canyon	78-L	strat column		Late Cretaceous D-2 Zone
9274	Patterson	351	73	Del Puerto Canyon	78-L	strat column		Late Cretaceous D-2 Zone
9275	Patterson	351	75	Del Puerto Canyon	78-L	strat column		Late Cretaceous D-2 Zone
9276	Patterson	351	76	Del Puerto Canyon	78-L	strat column		Late Cretaceous D-2 Zone
9277	Patterson	351	78	Del Puerto Canyon	78-L	strat column		Late Cretaceous D-2 Zone
9278	Patterson	351	83	Del Puerto Canyon	78-L	strat column		Late Cretaceous D-2 Zone
9279	Orestimba Peak	352	4	Crow Canyon	224-N	strat column		Late Cretaceous E Zone
9280	Orestimba Peak	352	5	Crow Canyon	224-N	strat column		Late Cretaceous E Zone
9281	Orestimba Peak	352	6	Crow Canyon	224-N	strat column		Late Cretaceous E Zone
9282	Orestimba Peak	352	7	Crow Canyon	224-N	strat column		Late Cretaceous E Zone
9283	Orestimba Peak	352	11	Crow Canyon	224-N	strat column		Late Cretaceous E Zone
9284	Orestimba Peak	352	16	Crow Canyon	224-N	strat column		Late Cretaceous E Zone
9285	Orestimba Peak	352	17	Crow Canyon	224-N	strat column		Late Cretaceous E Zone
9286	Orestimba Peak	352	18	Crow Canyon	224-N	strat column		Late Cretaceous E Zone
9287	Orestimba Peak	352	19	Crow Canyon	224-N	strat column		Late Cretaceous E Zone
9288	Orestimba Peak	352	20	Crow Canyon	224-N	strat column		Late Cretaceous E Zone
9289	Orestimba Peak	352	21	Crow Canyon	224-N	strat column		Late Cretaceous E Zone
9290	Orestimba Peak	352	22	Crow Canyon	224-N	strat column		Late Cretaceous E Zone
9291	Orestimba Peak	352	23	Crow Canyon	224-N	strat column		Late Cretaceous E Zone
9292	Orestimba Peak	352	24	Crow Canyon	224-N	strat column		Late Cretaceous E Zone
9293	Orestimba Peak	352	25	Crow Canyon	224-N	strat column		Late Cretaceous E Zone
9294	Orestimba Peak	352	26	Crow Canyon	224-N	strat column		Late Cretaceous E Zone
9295	Orestimba Peak	352	28	Crow Canyon	224-N	strat column		Late Cretaceous E Zone
9296	Orestimba Peak	352	30	Crow Canyon	224-N	strat column		Late Cretaceous E Zone
9297	Orestimba Peak	352	31	Crow Canyon	224-N	strat column		Late Cretaceous E Zone
9298	Orestimba Peak	352	36	Crow Canyon	224-M	strat column		Late Cretaceous E Zone
9299	Orestimba Peak	352	37	Crow Canyon	224-M	strat column		Late Cretaceous E Zone
9300	Orestimba Peak	352	38	Crow Canyon	224-M	strat column		Late Cretaceous E Zone
9301	Orestimba Peak	352	40	Crow Canyon	224-M	strat column		Late Cretaceous E Zone
9302	Orestimba Peak	352	42	Crow Canyon	224-M	strat column		Late Cretaceous E Zone
9303	Orestimba Peak	352	43	Crow Canyon	224-M	strat column		Late Cretaceous E Zone
9304	Orestimba Peak	352	48	Crow Canyon	224-M	strat column		Late Cretaceous E Zone
9305	Orestimba Peak	352	49	Crow Canyon	224-M	strat column		Late Cretaceous E Zone
9306	Orestimba Peak	352	50	Crow Canyon	224-M	strat column		Late Cretaceous E Zone
9307	Orestimba Peak	352	51	Crow Canyon	224-M	strat column		Late Cretaceous E Zone
9308	Orestimba Peak	352	52	Crow Canyon	224-M	strat column		Late Cretaceous E Zone
9309	Orestimba Peak	352	53	Crow Canyon	224-M	strat column		Late Cretaceous E Zone
9310	Orestimba Peak	352	54	Crow Canyon	224-M	strat column		Late Cretaceous E Zone
9311	Orestimba Peak	352	55	Crow Canyon	224-M	strat column		Late Cretaceous E Zone
9312	Orestimba Peak	352	56	Crow Canyon	224-M	strat column		Late Cretaceous E Zone
9313	Orestimba Peak	352	57	Crow Canyon	224-M	strat column		Late Cretaceous E Zone
9314	Patterson	352	58	SC part of quad	224-M	strat column		Late Cretaceous E Zone
9315	Patterson	352	59	SC part of quad	224-M	strat column		Late Cretaceous E Zone
9316	Patterson	352	60	SC part of quad	224-M	strat column		Late Cretaceous E Zone
9317	Patterson	352	61	SC part of quad	224-M	strat column		Late Cretaceous E Zone
9318	Patterson	352	62	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone
9319	Patterson	352	63	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone
9320	Patterson	352	64	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone
9321	Patterson	352	65	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone
9322	Patterson	352	66	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone
9323	Patterson	352	67	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone
9324	Patterson	352	68	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
9325	Patterson	352	69	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone
9326	Patterson	352	70	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone
9327	Patterson	352	71	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone
9328	Patterson	352	72	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone
9329	Patterson	352	74	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone
9330	Patterson	352	75	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone
9331	Patterson	352	76	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone
9332	Patterson	352	77	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone
9333	Patterson	352	83	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone
9334	Patterson	352	84	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone
9335	Patterson	352	86	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone
9336	Patterson	352	87	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone
9337	Patterson	352	88	SC part of quad	224-M	strat column		Late Cretaceous D-2 Zone
9338	Patterson	352	89	SC part of quad	224-M	strat column		Late Cretaceous C or D-1 Zone
9339	Patterson	352	90	SC part of quad	224-N	strat column		Late Cretaceous C or D-1 Zone
9340	Patterson	352	91	SC part of quad	224-N	strat column		Late Cretaceous C or D-1 Zone
9341	Patterson	352	92	SC part of quad	224-N	strat column		Late Cretaceous C or D-1 Zone
9342	Patterson	352	93	SC part of quad	224-N	strat column		Late Cretaceous C or D-1 Zone
9343	Patterson	352	94	SC part of quad	224-N	strat column		Late Cretaceous C or D-1 Zone
9344	Patterson	352	95	SC part of quad	224-N	strat column		Late Cretaceous C or D-1 Zone
9345	Patterson	352	100	SC part of quad	224-M	strat column		Late Cretaceous C or D-1 Zone
9346	Patterson	352	102	SC part of quad	224-M	strat column		Late Cretaceous C or D-1 Zone
9347	Patterson	352	103	SC part of quad	224-M	strat column		Late Cretaceous C or D-1 Zone
9348	Inverness	353	123	Pt Reyes area	99-M			middle and late Miocene Mohnian Stage
9349	Wheeler Springs	355	VA	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9350	Wheeler Springs	355	VGVH	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9351	Wheeler Springs	355	VI	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9352	Wheeler Springs	355	VJ	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9353	Wheeler Springs	355	VK	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9354	Wheeler Springs	355	VL	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9355	Wheeler Springs	355	VM	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9356	Wheeler Springs	355	V2A	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9357	Wheeler Springs	355	V4	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9358	Wheeler Springs	355	V5	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9359	Wheeler Springs	355	V6 ETC	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9360	Wheeler Springs	355	7	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9361	Wheeler Springs	355	8	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9362	Wheeler Springs	355	9	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9363	Wheeler Springs	355	11	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9364	Wheeler Springs	355	12	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9365	Wheeler Springs	355	13	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9366	Wheeler Springs	355	14	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9367	Wheeler Springs	355	15	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9368	Wheeler Springs	355	16	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9369	Wheeler Springs	355	18	Wheeler Gorge	86-F	strat column		Late Cretaceous G Zone
9370	Wheeler Springs	355	19	Wheeler Gorge	86-F	strat column	planktic age	late Paleocene E zone
9371	Wheeler Springs	355	20	Wheeler Gorge	86-F	strat column	planktic age	early Eocene D zone
9372	Matilija	355	41	Wheeler Gorge	86-F	strat column		middle Eocene A-2 Zone
9373	Matilija	355	42	Wheeler Gorge	86-F	strat column		middle Eocene A-2 Zone
9374	Matilija	355	43	Wheeler Gorge	86-F	strat column		middle Eocene A-2 Zone
9375	Matilija	355	51	Wheeler Gorge	86-F	strat column		middle Eocene A-2 Zone
9376	Matilija	355	52	Wheeler Gorge	86-F	strat column		middle Eocene A-2 Zone
9377	Matilija	355	55	Wheeler Gorge	86-F	strat column		middle Eocene A-2 Zone
9378	Matilija	355	56	Wheeler Gorge	86-F	strat column		middle Eocene A-2 Zone
9379	Matilija	355	57	Wheeler Gorge	86-F	strat column		middle Eocene A-2 Zone
9380	Matilija	355	58	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9381	Matilija	355	59	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9382	Matilija	355	61	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9383	Matilija	355	62	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9384	Matilija	355	64	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9385	Matilija	355	65	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9386	Matilija	355	66	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9387	Matilija	355	69	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9388	Matilija	355	72	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9389	Matilija	355	73	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9390	Matilija	355	75	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9391	Matilija	355	76	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9392	Matilija	355	78	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9393	Matilija	355	88	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9394	Matilija	355	89	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9395	Matilija	355	90	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9396	Matilija	355	91	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9397	Matilija	355	92	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9398	Matilija	355	94	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
9399	Matilija	355	95	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9400	Matilija	355	96	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9401	Matilija	355	100	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9402	Matilija	355	109	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9403	Matilija	355	126-1	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9404	Matilija	355	126-2	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9405	Matilija	355	127	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9406	Matilija	355	129	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9407	Matilija	355	131	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9408	Matilija	355	132	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9409	Matilija	355	133	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9410	Matilija	355	134	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9411	Matilija	355	138	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9412	Matilija	355	139	Wheeler Gorge	86-G	strat column		middle Eocene A-2 Zone
9413	Matilija	355	140	Wheeler Gorge	86-G	strat column	planktic age	early Eocene C or D zone
9414	Matilija	355	142	Wheeler Gorge	86-G	strat column	planktic age	early Eocene C or D zone
9415	Matilija	355	143	Wheeler Gorge	86-G	strat column	planktic age	early Eocene C or D zone
9416	Matilija	355	144	Wheeler Gorge	86-G	strat column	planktic age	early Eocene C or D zone
9417	Matilija	355	145	Wheeler Gorge	86-G	strat column	planktic age	early Eocene C or D zone
9418	Matilija	355	147	Wheeler Gorge	86-G	strat column	planktic age	early Eocene C or D zone
9419	Matilija	355	149	Wheeler Gorge	86-G	strat column	planktic age	early Eocene C or D zone
9420	Matilija	355	150	Wheeler Gorge	86-G	strat column	planktic age	early Eocene C or D zone
9421	Matilija	355	151	Wheeler Gorge	86-G	strat column	planktic age	early Eocene C or D zone
9422	Matilija	355	152	Wheeler Gorge	86-G	strat column	planktic age	early Eocene C or D zone
9423	Matilija	355	153	Wheeler Gorge	86-G	strat column	planktic age	early Eocene C or D zone
9424	Matilija	355	154	Wheeler Gorge	86-H	strat column	planktic age	early Eocene C or D zone
9425	Matilija	355	156	Wheeler Gorge	86-H	strat column	planktic age	early Eocene C or D zone
9426	Matilija	355	157	Wheeler Gorge	86-H	strat column	planktic age	early Eocene C or D zone
9427	Matilija	355	158	Wheeler Gorge	86-H	strat column	planktic age	early Eocene C or D zone
9428	Matilija	355	159	Wheeler Gorge	86-H	strat column	planktic age	early Eocene C or D zone
9429	Matilija	355	160	Wheeler Gorge	86-H	strat column	planktic age	early Eocene C or D zone
9430	Matilija	355	161	Wheeler Gorge	86-H	strat column	planktic age	early Eocene C or D zone
9431	Matilija	355	166	Wheeler Gorge	86-H	strat column	planktic age	early Eocene C or D zone
9432	Wheeler Springs	355	V19 etc	Wheeler Gorge	102-F		Ruth et al colec	late Paleocene E zone
9433	Wheeler Springs	355	20	Wheeler Gorge	102-F		Ruth et al colec	early Eocene C or D zone
9434	Matilija	355	26	Wheeler Gorge	102-F		Ruth et al colec	early Eocene C or D zone
9435	Matilija	355	132	Wheeler Gorge	102-F		Ruth et al colec	middle Eocene A-2 Zone
9436	Matilija	355	138	Wheeler Gorge	102-F		Ruth et al colec	middle Eocene A-2 Zone
9437	Matilija	355	143	Wheeler Gorge	102-F		Ruth et al colec	middle Eocene A-2 Zone
9438	Matilija	355	144	Wheeler Gorge	102-F		Ruth et al colec	middle Eocene A-2 Zone
9439	Matilija	355	145	Wheeler Gorge	102-F		Ruth et al colec	middle Eocene A-2 Zone
9440	Matilija	355	152	Wheeler Gorge	102-F		Ruth et al colec	middle Eocene A-2 Zone
9441	Matilija	355	157	Wheeler Gorge	102-F		Ruth et al colec	middle Eocene A-2 Zone
9442	Matilija	355	160	Wheeler Gorge	102-F	prob rewashed	Ruth et al colec	middle Eocene A-2 Zone
9443	Wheeler Springs	356	A1 etc	Ortega Hill	86-D	strat column	and check list	late Eocene
9444	Wheeler Springs	356	2	Ortega Hill	86-D	strat column	and check list	late Eocene
9445	Wheeler Springs	356	5	Ortega Hill	86-D	strat column	and check list	late Eocene
9446	Wheeler Springs	356	6	Ortega Hill	86-D	strat column	and check list	late Eocene
9447	Wheeler Springs	356	7	Ortega Hill	86-D	strat column	and check list	late Eocene
9448	Wheeler Springs	356	8	Ortega Hill	86-D	strat column	and check list	late Eocene
9449	Wheeler Springs	356	9	Ortega Hill	86-D	strat column	and check list	late Eocene
9450	Wheeler Springs	356	10	Ortega Hill	86-D	strat column	and check list	late Eocene
9451	Wheeler Springs	356	11	Ortega Hill	86-D	strat column	and check list	late Eocene
9452	Wheeler Springs	356	12	Ortega Hill	86-D	strat column	and check list	late Eocene
9453	Wheeler Springs	356	13	Ortega Hill	86-D	strat column	and check list	late Eocene
9454	Wheeler Springs	356	14	Ortega Hill	86-D	strat column	and check list	late Eocene
9455	Wheeler Springs	356	15	Ortega Hill	86-D	strat column	and check list	late Eocene
9456	Wheeler Springs	356	16	Ortega Hill	86-D	strat column	and check list	late Eocene
9457	Wheeler Springs	356	17	Ortega Hill	86-D	strat column	and check list	late Eocene
9458	Wheeler Springs	356	18	Ortega Hill	86-D	strat column	and check list	late Eocene
9459	Wheeler Springs	356	19	Ortega Hill	86-D	strat column	and check list	late Eocene
9460	Wheeler Springs	356	B1 etc	Ortega Hill	86-D	strat column	and check list	late Eocene
9461	Wheeler Springs	356	2	Ortega Hill	86-D	strat column	and check list	late Eocene
9462	Wheeler Springs	356	4	Ortega Hill	86-D	strat column	and check list	late Eocene
9463	Wheeler Springs	356	5	Ortega Hill	86-D	strat column	and check list	late Eocene
9464	Wheeler Springs	356	6	Ortega Hill	86-D	strat column	and check list	late Eocene
9465	Wheeler Springs	356	7	Ortega Hill	86-D	strat column	and check list	late Eocene
9466	Wheeler Springs	356	8	Ortega Hill	86-D	strat column	and check list	late Eocene
9467	Wheeler Springs	356	9	Ortega Hill	86-D	strat column	and check list	late Eocene
9468	Wheeler Springs	356	10	Ortega Hill	86-D	strat column	and check list	late Eocene
9469	Wheeler Springs	356	12	Ortega Hill	86-D	strat column	and check list	late Eocene
9470	Wheeler Springs	356	13	Ortega Hill	86-D	strat column	and check list	late Eocene
9471	Wheeler Springs	356	15	Ortega Hill	86-D	strat column	and check list	late Eocene
9472	Wheeler Springs	356	16	Ortega Hill	86-D	strat column	and check list	late Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
9473	Wheeler Springs	356	17	Ortega Hill	86-D	strat column	and check list	late Eocene
9474	Wheeler Springs	356	18	Ortega Hill	86-D	strat column	and check list	late Eocene
9475	Wheeler Springs	356	19	Ortega Hill	86-D	strat column	and check list	late Eocene
9476	Wheeler Springs	356	20	Ortega Hill	86-D	strat column	and check list	late Eocene
9477	Wheeler Springs	356	C1 etc	Ortega Hill	86-D	strat column	and check list	late Eocene
9478	Wheeler Springs	356	3	Ortega Hill	86-D	strat column	and check list	late Eocene
9479	Wheeler Springs	356	4	Ortega Hill	86-D	strat column	and check list	late Eocene
9480	Wheeler Springs	356	7	Ortega Hill	86-D	strat column	and check list	late Eocene
9481	Wheeler Springs	356	9	Ortega Hill	86-D	strat column	and check list	late Eocene
9482	Wheeler Springs	356	10	Ortega Hill	86-D	strat column	and check list	late Eocene
9483	Wheeler Springs	356	11	Ortega Hill	86-D	strat column	and check list	late Eocene
9484	Wheeler Springs	356	12	Ortega Hill	86-D	strat column	and check list	late Eocene
9485	Wheeler Springs	356	13	Ortega Hill	86-D	strat column	and check list	late Eocene
9486	Wheeler Springs	356	15	Ortega Hill	86-D	strat column	and check list	late Eocene
9487	Wheeler Springs	356	D6 etc	Ortega Hill	86-D	strat column	and check list	late Eocene
9488	Wheeler Springs	356	7	Ortega Hill	86-D	strat column	and check list	late Eocene
9489	Wheeler Springs	356	13	Ortega Hill	86-D	strat column	and check list	late Eocene
9490	Wheeler Springs	356	14	Ortega Hill	86-D	strat column	and check list	late Eocene
9491	Wheeler Springs	356	E1 etc	Ortega Hill	86-D	strat column	and check list	late Eocene
9492	Wheeler Springs	356	2	Ortega Hill	86-D	strat column	and check list	late Eocene
9493	Wheeler Springs	356	4	Ortega Hill	86-D	strat column	and check list	late Eocene
9494	Wheeler Springs	356	5	Ortega Hill	86-D	strat column	and check list	late Eocene
9495	Wheeler Springs	356	6	Ortega Hill	86-D	strat column	and check list	late Eocene
9496	Wheeler Springs	356	8	Ortega Hill	86-D	strat column	and check list	late Eocene
9497	Wheeler Springs	356	9	Ortega Hill	86-D	strat column	and check list	late Eocene
9498	Wheeler Springs	356	11	Ortega Hill	86-D	strat column	and check list	late Eocene
9499	Wheeler Springs	356	F1 etc	Ortega Hill	86-E	strat column	and check list	late Eocene
9500	Wheeler Springs	356	2	Ortega Hill	86-E	strat column	and check list	late Eocene
9501	Wheeler Springs	356	3	Ortega Hill	86-E	strat column	and check list	late Eocene
9502	Wheeler Springs	356	4	Ortega Hill	86-E	strat column	and check list	late Eocene
9503	Wheeler Springs	356	5	Ortega Hill	86-E	strat column	and check list	late Eocene
9504	Wheeler Springs	356	6	Ortega Hill	86-E	strat column	and check list	late Eocene
9505	Wheeler Springs	356	7	Ortega Hill	86-E	strat column	and check list	late Eocene
9506	Wheeler Springs	356	8	Ortega Hill	86-E	strat column	and check list	late Eocene
9507	Wheeler Springs	356	G1 etc	Ortega Hill	86-E	strat column	and check list	late Eocene
9508	Wheeler Springs	356	2	Ortega Hill	86-E	strat column	and check list	late Eocene
9509	Wheeler Springs	356	3	Ortega Hill	86-E	strat column	and check list	late Eocene
9510	Wheeler Springs	356	4	Ortega Hill	86-E	strat column	and check list	late Eocene
9511	Wheeler Springs	356	5	Ortega Hill	86-E	strat column	and check list	late Eocene
9512	Wheeler Springs	356	6	Ortega Hill	86-E	strat column	and check list	late Eocene
9513	Wheeler Springs	356	8	Ortega Hill	86-E	strat column	and check list	late Eocene
9514	Wheeler Springs	356	11	Ortega Hill	86-E	strat column	and check list	late Eocene
9515	Wheeler Springs	356	12	Ortega Hill	86-E	strat column	and check list	late Eocene
9516	Wheeler Springs	356	H1 etc	Ortega Hill	86-E	strat column	and check list	late Eocene
9517	Wheeler Springs	356	2	Ortega Hill	86-E	strat column	and check list	late Eocene
9518	Wheeler Springs	356	3	Ortega Hill	86-E	strat column	and check list	late Eocene
9519	Wheeler Springs	356	4	Ortega Hill	86-E	strat column	and check list	late Eocene
9520	Wheeler Springs	356	5	Ortega Hill	86-E	strat column	and check list	late Eocene
9521	Wheeler Springs	356	6	Ortega Hill	86-E	strat column	and check list	late Eocene
9522	Wheeler Springs	356	7	Ortega Hill	86-E	strat column	and check list	late Eocene
9523	Wheeler Springs	356	8	Ortega Hill	86-E	strat column	and check list	late Eocene
9524	Wheeler Springs	356	9	Ortega Hill	86-E	strat column	and check list	late Eocene
9525	Wheeler Springs	356	10	Ortega Hill	86-E	strat column	and check list	late Eocene
9526	Wheeler Springs	356	11	Ortega Hill	86-E	strat column	and check list	late Eocene
9527	Little Pine Mountain	357	1	SC part of quad	50-M	strat column and		Late Cretaceous arenaceous foraminifers
9528	Little Pine Mountain	357	2	SC part of quad	50-M	nannoplankton		Late Cretaceous arenaceous foraminifers
9529	Little Pine Mountain	357	3	SC part of quad	50-M	see loc 269 file		Late Cretaceous arenaceous foraminifers
9530	Little Pine Mountain	357	7	SC part of quad	50-M			Late Cretaceous arenaceous foraminifers
9531	Little Pine Mountain	357	9	SC part of quad	50-M			Late Cretaceous arenaceous foraminifers
9532	Little Pine Mountain	357	10	SC part of quad	50-M			Late Cretaceous arenaceous foraminifers
9533	Little Pine Mountain	357	11	SC part of quad	50-M			Late Cretaceous arenaceous foraminifers
9534	Little Pine Mountain	357	12	SC part of quad	50-M			Late Cretaceous arenaceous foraminifers
9535	Little Pine Mountain	357	17	SC part of quad	50-M			middle Eocene
9536	Santa Barbara	357	18	Flores Flat	50-M	strat column see	loc 269	middle Eocene
9537	Santa Barbara	357	19	Flores Flat	50-M	strat column see	loc 269	middle Eocene
9538	Santa Barbara	357	20	Flores Flat	50-M	strat column see	loc 269	middle Eocene
9539	Santa Barbara	357	21	Flores Flat	50-M	strat column see	loc 269	middle Eocene
9540	Santa Barbara	357	22	Flores Flat	50-M	strat column see	loc 269	middle Eocene
9541	Santa Barbara	357	23	Flores Flat	50-M	strat column see	loc 269	middle Eocene
9542	Santa Barbara	357	24	Flores Flat	50-M	strat column see	loc 269	middle Eocene
9543	Wheeler Springs	357	1	Sespe Gorge	79-A	sa L Pine Mtn		middle Eocene A-2 Zone
9544	Wheeler Springs	357	3	Sespe Gorge	79-A	strat column and		middle Eocene A-2 Zone
9545	Wheeler Springs	357	4	Sespe Gorge	79-A	foram check list		middle Eocene A-2 Zone
9546	Wheeler Springs	357	5	Sespe Gorge	79-A			middle Eocene A-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
9547	Wheeler Springs	357	6	Sespe Gorge	79-A			middle Eocene A-2 Zone
9548	Wheeler Springs	357	7	Sespe Gorge	79-A			middle Eocene A-2 Zone
9549	Wheeler Springs	357	8	Sespe Gorge	79-A			middle Eocene A-2 Zone
9550	Wheeler Springs	357	9	Sespe Gorge	79-A			middle Eocene A-2 Zone
9551	Wheeler Springs	357	10	Sespe Gorge	79-A			middle Eocene A-2 Zone
9552	Wheeler Springs	357	11	Sespe Gorge	79-A			middle Eocene A-2 Zone
9553	Wheeler Springs	357	12	Sespe Gorge	79-A			middle Eocene A-2 Zone
9554	Wheeler Springs	357	13	Sespe Gorge	79-A			middle Eocene A-2 Zone
9555	Wheeler Springs	357	14	Sespe Gorge	79-A			middle Eocene A-2 Zone
9556	Wheeler Springs	357	15	Sespe Gorge	79-A			middle Eocene A-2 Zone
9557	Wheeler Springs	357	16	Sespe Gorge	79-A			middle Eocene A-2 Zone
9558	Wheeler Springs	357	19	Sespe Gorge	79-A			middle Eocene A-2 Zone
9559	Wheeler Springs	357	20	Sespe Gorge	79-A			middle Eocene A-2 Zone
9560	Wheeler Springs	357	21	Sespe Gorge	79-A			middle Eocene A-2 Zone
9561	Wheeler Springs	357	22	Sespe Gorge	79-A			middle Eocene A-2 Zone
9562	Wheeler Springs	357	23	Sespe Gorge	79-A			middle Eocene A-2 Zone
9563	Wheeler Springs	357	24	Sespe Gorge	79-A			middle Eocene A-2 Zone
9564	Wheeler Springs	357	25	Sespe Gorge	79-A			middle Eocene A-2 Zone
9565	Wheeler Springs	357	26	Sespe Gorge	79-A			middle Eocene A-2 Zone
9566	Wheeler Springs	357	27	Sespe Gorge	79-A			middle Eocene A-2 Zone
9567	Wheeler Springs	357	28	Sespe Gorge	79-A			middle Eocene A-2 Zone
9568	Wheeler Springs	357	29	Sespe Gorge	79-A			middle Eocene A-2 Zone
9569	Wheeler Springs	357	30	Sespe Gorge	79-A			middle Eocene A-2 Zone
9570	Wheeler Springs	357	31	Sespe Gorge	79-A			middle Eocene A-2 Zone
9571	Wheeler Springs	357	32	Sespe Gorge	79-A			middle Eocene A-2 Zone
9572	Wheeler Springs	357	33	Sespe Gorge	79-A			middle Eocene A-2 Zone
9573	Wheeler Springs	357	34	Sespe Gorge	79-A			middle Eocene A-2 Zone
9574	Wheeler Springs	357	35	Sespe Gorge	79-A			middle Eocene A-2 Zone
9575	Wheeler Springs	357	36	Sespe Gorge	79-A			middle Eocene A-2 Zone
9576	Wheeler Springs	357	37	Sespe Gorge	79-A			middle Eocene A-2 Zone
9577	Wheeler Springs	357	38	Sespe Gorge	79-A			middle Eocene A-2 Zone
9578	Wheeler Springs	357	39	Sespe Gorge	79-A			middle Eocene A-2 Zone
9579	Wheeler Springs	357	40	Sespe Gorge	79-A			middle Eocene A-2 Zone
9580	Wheeler Springs	357	43	Sespe Gorge	79-A			middle Eocene A-2 Zone
9581	Wheeler Springs	357	44	Sespe Gorge	79-A			middle Eocene A-2 Zone
9582	Wheeler Springs	357	45	Sespe Gorge	79-A			middle Eocene A-2 Zone
9583	Wheeler Springs	357	46	Sespe Gorge	79-A			middle Eocene A-2 Zone
9584	Wheeler Springs	357	47	Sespe Gorge	79-A			middle Eocene A-2 Zone
9585	Wheeler Springs	357	48	Sespe Gorge	79-A			middle Eocene A-2 Zone
9586	Wheeler Springs	357	49	Sespe Gorge	79-A			middle Eocene A-2 Zone
9587	Wheeler Springs	357	50	Sespe Gorge	79-A			middle Eocene A-2 Zone
9588	Wheeler Springs	357	51	Sespe Gorge	79-A			middle Eocene A-2 Zone
9589	Wheeler Springs	357	52	Sespe Gorge	79-A			middle Eocene A-2 Zone
9590	Wheeler Springs	357	53	Sespe Gorge	79-A			middle Eocene A-2 Zone
9591	Wheeler Springs	357	54	Sespe Gorge	79-A			middle Eocene A-2 Zone
9592	Wheeler Springs	357	55	Sespe Gorge	79-A			middle Eocene A-2 Zone
9593	Wheeler Springs	357	56	Sespe Gorge	79-A			middle Eocene A-2 Zone
9594	Wheeler Springs	357	57	Sespe Gorge	79-A			middle Eocene A-2 Zone
9595	Wheeler Springs	357	58	Sespe Gorge	79-A			middle Eocene A-2 Zone
9596	Wheeler Springs	357	59	Sespe Gorge	79-A			middle Eocene A-2 Zone
9597	Wheeler Springs	357	60	Sespe Gorge	79-A			middle Eocene A-2 Zone
9598	Wheeler Springs	357	61	Sespe Gorge	79-A			middle Eocene A-2 Zone
9599	Wheeler Springs	357	62	Sespe Gorge	79-A			middle Eocene A-2 Zone
9600	Wheeler Springs	357	63	Sespe Gorge	79-A			middle Eocene A-2 Zone
9601	Wheeler Springs	357	64	Sespe Gorge	79-B			middle Eocene A-2 Zone
9602	Wheeler Springs	357	65	Sespe Gorge	79-B			middle Eocene A-2 Zone
9603	Wheeler Springs	357	66	Sespe Gorge	79-B			middle Eocene A-2 Zone
9604	Wheeler Springs	357	67	Sespe Gorge	79-B			middle Eocene A-2 Zone
9605	Wheeler Springs	357	68	Sespe Gorge	79-B			middle Eocene A-2 Zone
9606	Wheeler Springs	357	69	Sespe Gorge	79-B			middle Eocene A-2 Zone
9607	Wheeler Springs	357	70	Sespe Gorge	79-B			middle Eocene A-2 Zone
9608	Wheeler Springs	357	71	Sespe Gorge	79-B			middle Eocene A-2 Zone
9609	Wheeler Springs	357	72	Sespe Gorge	79-B			middle Eocene A-2 Zone
9610	Wheeler Springs	357	73	Sespe Gorge	79-B			middle Eocene A-2 Zone
9611	Wheeler Springs	357	74	Sespe Gorge	79-B			middle Eocene A-2 Zone
9612	Wheeler Springs	357	75	Sespe Gorge	79-B			middle Eocene A-2 Zone
9613	Wheeler Springs	357	77	Sespe Gorge	79-B			middle Eocene A-2 Zone
9614	Wheeler Springs	357	78	Sespe Gorge	79-B			middle Eocene A-2 Zone
9615	Wheeler Springs	357	80	Sespe Gorge	79-B			middle Eocene A-2 Zone
9616	Wheeler Springs	357	82	Sespe Gorge	79-B			middle Eocene A-2 Zone
9617	Wheeler Springs	357	84	Sespe Gorge	79-B			middle Eocene A-2 Zone
9618	Wheeler Springs	357	85	Sespe Gorge	79-B			middle Eocene A-2 Zone
9619	Wheeler Springs	357	86	Sespe Gorge	79-B			middle Eocene A-2 Zone
9620	Wheeler Springs	357	87	Sespe Gorge	79-B			middle Eocene A-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
9621	Wheeler Springs	357	88	Sespe Gorge	79-B			middle Eocene A-2 Zone
9622	Wheeler Springs	357	89	Sespe Gorge	79-B			middle Eocene A-2 Zone
9623	Wheeler Springs	357	90	Sespe Gorge	79-B			middle Eocene A-2 Zone
9624	Wheeler Springs	357	91	Sespe Gorge	79-B			middle Eocene A-2 Zone
9625	Wheeler Springs	357	92	Sespe Gorge	79-B			middle Eocene A-2 Zone
9626	Wheeler Springs	357	93	Sespe Gorge	79-B			middle Eocene A-2 Zone
9627	Wheeler Springs	357	94	Sespe Gorge	79-B			middle Eocene A-2 Zone
9628	Wheeler Springs	357	95	Sespe Gorge	79-B			middle Eocene A-2 Zone
9629	Wheeler Springs	357	96	Sespe Gorge	79-B			middle Eocene A-2 Zone
9630	Wheeler Springs	357	97	Sespe Gorge	79-B			middle Eocene A-2 Zone
9631	Wheeler Springs	357	98	Sespe Gorge	79-B			middle Eocene A-2 Zone
9632	Wheeler Springs	357	99	Sespe Gorge	79-B			middle Eocene A-2 Zone
9633	Wheeler Springs	357	100	Sespe Gorge	79-B			middle Eocene A-2 Zone
9634	Wheeler Springs	357	104	Sespe Gorge	79-B			middle Eocene A-2 Zone
9635	Wheeler Springs	357	105	Sespe Gorge	79-B			middle Eocene A-2 Zone
9636	Wheeler Springs	357	106	Sespe Gorge	79-B			middle Eocene A-2 Zone
9637	Wheeler Springs	357	107	Sespe Gorge	79-B			middle Eocene A-2 Zone
9638	Wheeler Springs	357	108	Sespe Gorge	79-B			middle Eocene A-2 Zone
9639	Wheeler Springs	357	109	Sespe Gorge	79-B			middle Eocene A-2 Zone
9640	Wheeler Springs	357	110	Sespe Gorge	79-B			middle Eocene A-2 Zone
9641	Wheeler Springs	357	112	Sespe Gorge	79-B			middle Eocene A-2 Zone
9642	Wheeler Springs	357	113	Sespe Gorge	79-B			middle Eocene A-2 Zone
9643	Wheeler Springs	357	114	Sespe Gorge	79-B			middle Eocene A-2 Zone
9644	Wheeler Springs	357	116	Sespe Gorge	79-B			middle Eocene A-2 Zone
9645	Wheeler Springs	357	117	Sespe Gorge	79-B			middle Eocene A-2 Zone
9646	Wheeler Springs	357	118	Sespe Gorge	79-B			middle Eocene A-2 Zone
9647	Wheeler Springs	357	119	Sespe Gorge	79-B			middle Eocene A-2 Zone
9648	Wheeler Springs	357	121	Sespe Gorge	79-B			middle Eocene A-2 Zone
9649	Wheeler Springs	357	122	Sespe Gorge	79-B			middle Eocene A-2 Zone
9650	Wheeler Springs	357	124	Sespe Gorge	79-B			middle Eocene A-2 Zone
9651	Wheeler Springs	357	130	Sespe Gorge	79-B			middle Eocene A-2 Zone
9652	Wheeler Springs	357	131	Sespe Gorge	79-B			middle Eocene A-2 Zone
9653	Wheeler Springs	357	133	Sespe Gorge	79-B			middle Eocene A-2 Zone
9654	Wheeler Springs	357	134	Sespe Gorge	79-B			middle Eocene A-2 Zone
9655	Wheeler Springs	357	135	Sespe Gorge	79-B			middle Eocene A-2 Zone
9656	Wheeler Springs	357	136	Sespe Gorge	79-B			middle Eocene A-2 Zone
9657	Wheeler Springs	357	137	Sespe Gorge	79-B			middle Eocene A-2 Zone
9658	Wheeler Springs	357	138	Sespe Gorge	79-B			middle Eocene A-2 Zone
9659	Wheeler Springs	357	139	Sespe Gorge	79-B			middle Eocene A-2 Zone
9660	Wheeler Springs	357	142	Sespe Gorge	79-C			middle Eocene A-2 Zone
9661	Wheeler Springs	357	143	Sespe Gorge	79-C			middle Eocene A-2 Zone
9662	Wheeler Springs	358	1	Burro Creek	80-A	Reference section		middle Eocene A-2 Zone
9663	Wheeler Springs	358	2	Burro Creek	80-A	for Cozy Dell Shale		middle Eocene A-2 Zone
9664	Wheeler Springs	358	8	Burro Creek	80-A	in type area. Have		middle Eocene A-2 Zone
9665	Wheeler Springs	358	10	Burro Creek	80-A	strat column and		middle Eocene A-2 Zone
9666	Wheeler Springs	358	12	Burro Creek	80-A	foram check list.		middle Eocene A-2 Zone
9667	Wheeler Springs	358	13	Burro Creek	80-A			middle Eocene A-2 Zone
9668	Wheeler Springs	358	18	Burro Creek	80-A			middle Eocene A-2 Zone
9669	Wheeler Springs	358	19	Burro Creek	80-A			middle Eocene A-2 Zone
9670	Wheeler Springs	358	20	Burro Creek	80-A			middle Eocene A-2 Zone
9671	Wheeler Springs	358	21	Burro Creek	80-A			middle Eocene A-2 Zone
9672	Wheeler Springs	358	22	Burro Creek	80-A			middle Eocene A-2 Zone
9673	Wheeler Springs	358	23	Burro Creek	80-A			middle Eocene A-2 Zone
9674	Wheeler Springs	358	24	Burro Creek	80-A			middle Eocene A-2 Zone
9675	Wheeler Springs	358	25	Burro Creek	80-A			middle Eocene A-2 Zone
9676	Wheeler Springs	358	26	Burro Creek	80-A			middle Eocene A-2 Zone
9677	Wheeler Springs	358	27	Burro Creek	80-A			middle Eocene A-2 Zone
9678	Wheeler Springs	358	28	Burro Creek	80-A			middle Eocene A-2 Zone
9679	Wheeler Springs	358	29	Burro Creek	80-A			middle Eocene A-2 Zone
9680	Wheeler Springs	358	30	Burro Creek	80-A			middle Eocene A-2 Zone
9681	Wheeler Springs	358	31	Burro Creek	80-A			middle Eocene A-2 Zone
9682	Wheeler Springs	358	32	Burro Creek	80-A			middle Eocene A-2 Zone
9683	Wheeler Springs	358	33	Burro Creek	80-A			middle Eocene A-2 Zone
9684	Wheeler Springs	358	34	Burro Creek	80-A			middle Eocene A-2 Zone
9685	Wheeler Springs	358	35	Burro Creek	80-A			middle Eocene A-2 Zone
9686	Wheeler Springs	358	36	Burro Creek	80-A			middle Eocene A-2 Zone
9687	Wheeler Springs	358	37	Burro Creek	80-A			middle Eocene A-2 Zone
9688	Wheeler Springs	358	39	Burro Creek	80-A			middle Eocene A-2 Zone
9689	Wheeler Springs	358	40	Burro Creek	80-A			middle Eocene A-2 Zone
9690	Wheeler Springs	358	41	Burro Creek	80-A			middle Eocene A-2 Zone
9691	Wheeler Springs	358	42	Burro Creek	80-A			middle Eocene A-2 Zone
9692	Wheeler Springs	358	43	Burro Creek	80-A			middle Eocene A-2 Zone
9693	Wheeler Springs	358	44	Burro Creek	80-A			middle Eocene A-2 Zone
9694	Wheeler Springs	358	45	Burro Creek	80-A			middle Eocene A-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
9695	Wheeler Springs	358	46	Burro Creek	80-A			middle Eocene A-2 Zone
9696	Wheeler Springs	358	47	Burro Creek	80-A			middle Eocene A-2 Zone
9697	Wheeler Springs	358	48	Burro Creek	80-A			middle Eocene A-2 Zone
9698	Wheeler Springs	358	49	Burro Creek	80-A			middle Eocene A-2 Zone
9699	Wheeler Springs	358	50	Burro Creek	80-A			middle Eocene A-2 Zone
9700	Wheeler Springs	358	51	Burro Creek	80-A			middle Eocene A-2 Zone
9701	Wheeler Springs	358	52	Burro Creek	80-A			middle Eocene A-2 Zone
9702	Wheeler Springs	358	53	Burro Creek	80-A			middle Eocene A-2 Zone
9703	Wheeler Springs	358	54	Burro Creek	80-A			middle Eocene A-2 Zone
9704	Wheeler Springs	358	55	Burro Creek	80-A			middle Eocene A-2 Zone
9705	Wheeler Springs	358	56	Burro Creek	80-A			middle Eocene A-2 Zone
9706	Wheeler Springs	358	57	Burro Creek	80-A			middle Eocene A-2 Zone
9707	Wheeler Springs	358	58	Burro Creek	80-A			middle Eocene A-2 Zone
9708	Wheeler Springs	358	59	Burro Creek	80-A			middle Eocene A-2 Zone
9709	Wheeler Springs	358	60	Burro Creek	80-A			middle Eocene A-2 Zone
9710	Wheeler Springs	358	61	Burro Creek	80-A			middle Eocene A-2 Zone
9711	Wheeler Springs	358	62	Burro Creek	80-A			middle Eocene A-2 Zone
9712	Wheeler Springs	358	63	Burro Creek	80-A			middle Eocene A-2 Zone
9713	Wheeler Springs	358	64	Burro Creek	80-A			middle Eocene A-2 Zone
9714	Wheeler Springs	358	65	Burro Creek	80-A			middle Eocene A-2 Zone
9715	Wheeler Springs	358	66	Burro Creek	80-A			middle Eocene A-2 Zone
9716	Wheeler Springs	358	67	Burro Creek	80-A			middle Eocene A-2 Zone
9717	Wheeler Springs	358	68	Burro Creek	80-A			middle Eocene A-2 Zone
9718	Wheeler Springs	358	69	Burro Creek	80-A			middle Eocene A-2 Zone
9719	Wheeler Springs	358	70	Burro Creek	80-A			middle Eocene A-2 Zone
9720	Wheeler Springs	358	72	Burro Creek	80-B			middle Eocene A-2 Zone
9721	Wheeler Springs	358	73	Burro Creek	80-B			middle Eocene A-2 Zone
9722	Wheeler Springs	358	74	Burro Creek	80-B			middle Eocene A-2 Zone
9723	Wheeler Springs	358	75	Burro Creek	80-B			middle Eocene A-2 Zone
9724	Wheeler Springs	358	76	Burro Creek	80-B			middle Eocene A-2 Zone
9725	Wheeler Springs	358	77	Burro Creek	80-B			middle Eocene A-2 Zone
9726	Wheeler Springs	358	78	Burro Creek	80-B			middle Eocene A-2 Zone
9727	Wheeler Springs	358	79	Burro Creek	80-B			middle Eocene A-2 Zone
9728	Wheeler Springs	358	80	Burro Creek	80-B			middle Eocene A-2 Zone
9729	Wheeler Springs	358	81	Burro Creek	80-B			middle Eocene A-2 Zone
9730	Wheeler Springs	358	82	Burro Creek	80-B			middle Eocene A-2 Zone
9731	Wheeler Springs	358	83	Burro Creek	80-B			middle Eocene A-2 Zone
9732	Wheeler Springs	358	84	Burro Creek	80-B			middle Eocene A-2 Zone
9733	Wheeler Springs	358	85	Burro Creek	80-B			middle Eocene A-2 Zone
9734	Wheeler Springs	358	86	Burro Creek	80-B			middle Eocene A-2 Zone
9735	Wheeler Springs	358	87	Burro Creek	80-B			middle Eocene A-2 Zone
9736	Wheeler Springs	358	88	Burro Creek	80-B			middle Eocene A-2 Zone
9737	Wheeler Springs	358	89	Burro Creek	80-B			middle Eocene A-2 Zone
9738	Wheeler Springs	358	90	Burro Creek	80-B			middle Eocene A-2 Zone
9739	Wheeler Springs	358	91	Burro Creek	80-B			middle Eocene A-2 Zone
9740	Wheeler Springs	358	92	Burro Creek	80-B			middle Eocene A-2 Zone
9741	Wheeler Springs	358	93	Burro Creek	80-B			middle Eocene A-2 Zone
9742	Wheeler Springs	358	94	Burro Creek	80-B			middle Eocene A-2 Zone
9743	Wheeler Springs	358	95	Burro Creek	80-B			middle Eocene A-2 Zone
9744	Wheeler Springs	358	96	Burro Creek	80-B			middle Eocene A-2 Zone
9745	Wheeler Springs	358	97	Burro Creek	80-B			middle Eocene A-2 Zone
9746	Wheeler Springs	358	98	Burro Creek	80-B			middle Eocene A-2 Zone
9747	Wheeler Springs	358	99	Burro Creek	80-B			middle Eocene A-2 Zone
9748	Wheeler Springs	358	100	Burro Creek	80-B			middle Eocene A-2 Zone
9749	Wheeler Springs	358	101	Burro Creek	80-B			middle Eocene A-2 Zone
9750	Wheeler Springs	358	102	Burro Creek	80-B			middle Eocene A-2 Zone
9751	Wheeler Springs	358	103	Burro Creek	80-B			middle Eocene A-2 Zone
9752	Wheeler Springs	358	104	Burro Creek	80-B			middle Eocene A-2 Zone
9753	Wheeler Springs	358	105	Burro Creek	80-B			middle Eocene A-2 Zone
9754	Wheeler Springs	358	106	Burro Creek	80-B			middle Eocene A-2 Zone
9755	Wheeler Springs	358	107	Burro Creek	80-B			middle Eocene A-2 Zone
9756	Wheeler Springs	358	108	Burro Creek	80-B			middle Eocene A-2 Zone
9757	Wheeler Springs	358	109	Burro Creek	80-B			middle Eocene A-2 Zone
9758	Wheeler Springs	358	110	Burro Creek	80-B			middle Eocene A-2 Zone
9759	Wheeler Springs	358	111	Burro Creek	80-B			middle Eocene A-2 Zone
9760	Wheeler Springs	358	112	Burro Creek	80-B			middle Eocene A-2 Zone
9761	Wheeler Springs	358	113	Burro Creek	80-B			middle Eocene A-2 Zone
9762	Wheeler Springs	358	114	Burro Creek	80-B			middle Eocene A-2 Zone
9763	Wheeler Springs	358	115	Burro Creek	80-B			middle Eocene A-2 Zone
9764	Wheeler Springs	358	116	Burro Creek	80-B			middle Eocene A-2 Zone
9765	Wheeler Springs	358	117	Burro Creek	80-B			middle Eocene A-2 Zone
9766	Wheeler Springs	358	118	Burro Creek	80-B			middle Eocene A-2 Zone
9767	Wheeler Springs	358	119	Burro Creek	80-B			middle Eocene A-2 Zone
9768	Wheeler Springs	358	120	Burro Creek	80-B			middle Eocene A-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
9769	Wheeler Springs	358	121	Burro Creek	80-B			middle Eocene A-2 Zone
9770	Wheeler Springs	358	122	Burro Creek	80-B			middle Eocene A-2 Zone
9771	Wheeler Springs	358	124	Burro Creek	80-B			middle Eocene A-2 Zone
9772	Wheeler Springs	358	125	Burro Creek	80-B			middle Eocene A-2 Zone
9773	Wheeler Springs	358	126	Burro Creek	80-B			middle Eocene A-2 Zone
9774	Wheeler Springs	358	127	Burro Creek	80-C			middle Eocene A-2 Zone
9775	Wheeler Springs	358	128	Burro Creek	80-C			middle Eocene A-2 Zone
9776	Wheeler Springs	358	129	Burro Creek	80-C			middle Eocene A-2 Zone
9777	Wheeler Springs	358	130	Burro Creek	80-C			middle Eocene A-2 Zone
9778	Wheeler Springs	358	131	Burro Creek	80-C			middle Eocene A-2 Zone
9779	Wheeler Springs	358	132	Burro Creek	80-C			middle Eocene A-2 Zone
9780	Wheeler Springs	358	133	Burro Creek	80-C			middle Eocene A-2 Zone
9781	Wheeler Springs	358	134	Burro Creek	80-C			middle Eocene A-2 Zone
9782	Wheeler Springs	358	135	Burro Creek	80-C			middle Eocene A-2 Zone
9783	Wheeler Springs	358	136	Burro Creek	80-C			middle Eocene A-2 Zone
9784	Wheeler Springs	358	137	Burro Creek	80-C			middle Eocene A-2 Zone
9785	Wheeler Springs	358	138	Burro Creek	80-C			middle Eocene A-2 Zone
9786	Wheeler Springs	358	139	Burro Creek	80-C			middle Eocene A-2 Zone
9787	Wheeler Springs	358	140	Burro Creek	80-C			middle Eocene A-2 Zone
9788	Wheeler Springs	358	141	Burro Creek	80-C			middle Eocene A-2 Zone
9789	Wheeler Springs	358	142	Burro Creek	80-C			middle Eocene A-2 Zone
9790	Wheeler Springs	358	143	Burro Creek	80-C			middle Eocene A-2 Zone
9791	Wheeler Springs	358	144	Burro Creek	80-C			middle Eocene A-2 Zone
9792	Wheeler Springs	358	145	Burro Creek	80-C			middle Eocene A-2 Zone
9793	Wheeler Springs	358	146	Burro Creek	80-C			middle Eocene A-2 Zone
9794	Wheeler Springs	358	147	Burro Creek	80-C			middle Eocene A-2 Zone
9795	Wheeler Springs	358	148	Burro Creek	80-C			middle Eocene A-2 Zone
9796	Wheeler Springs	358	149	Burro Creek	80-C			middle Eocene A-2 Zone
9797	Wheeler Springs	358	150	Burro Creek	80-C			middle Eocene A-2 Zone
9798	Wheeler Springs	358	151	Burro Creek	80-C			middle Eocene A-2 Zone
9799	Wheeler Springs	358	152	Burro Creek	80-C			middle Eocene A-2 Zone
9800	Wheeler Springs	358	153	Burro Creek	80-C			middle Eocene A-2 Zone
9801	Wheeler Springs	358	154	Burro Creek	80-C			middle Eocene A-2 Zone
9802	Wheeler Springs	358	155	Burro Creek	80-C			middle Eocene A-2 Zone
9803	Wheeler Springs	358	156	Burro Creek	80-C			middle Eocene A-2 Zone
9804	Wheeler Springs	358	157	Burro Creek	80-C			middle Eocene A-2 Zone
9805	Wheeler Springs	358	158	Burro Creek	80-C			middle Eocene A-2 Zone
9806	Wheeler Springs	358	159	Burro Creek	80-C			middle Eocene A-2 Zone
9807	Wheeler Springs	358	160	Burro Creek	80-C			middle Eocene A-2 Zone
9808	Wheeler Springs	358	161	Burro Creek	80-C			middle Eocene A-2 Zone
9809	Wheeler Springs	358	162	Burro Creek	80-C			middle Eocene A-2 Zone
9810	Wheeler Springs	358	163	Burro Creek	80-C			middle Eocene A-2 Zone
9811	Wheeler Springs	358	164	Burro Creek	80-C			middle Eocene A-2 Zone
9812	Wheeler Springs	358	165	Burro Creek	80-C			middle Eocene A-2 Zone
9813	Wheeler Springs	358	166	Burro Creek	80-C			middle Eocene A-2 Zone
9814	Wheeler Springs	358	168	Burro Creek	80-C			middle Eocene A-2 Zone
9815	Wheeler Springs	358	169	Burro Creek	80-C			middle Eocene A-2 Zone
9816	Wheeler Springs	358	171	Burro Creek	80-C			middle Eocene A-2 Zone
9817	Wheeler Springs	358	172	Burro Creek	80-C			middle Eocene A-2 Zone
9818	Wheeler Springs	358	173	Burro Creek	80-C			middle Eocene A-2 Zone
9819	Wheeler Springs	358	174	Burro Creek	80-C			middle Eocene A-2 Zone
9820	Wheeler Springs	358	175	Burro Creek	80-C			middle Eocene A-2 Zone
9821	Wheeler Springs	358	176	Burro Creek	80-C			middle Eocene A-2 Zone
9822	Wheeler Springs	358	177	Burro Creek	80-C			middle Eocene A-2 Zone
9823	Wheeler Springs	358	178	Burro Creek	80-C			middle Eocene A-2 Zone
9824	Wheeler Springs	358	179	Burro Creek	80-C			middle Eocene A-2 Zone
9825	Wheeler Springs	358	180	Burro Creek	80-C			middle Eocene A-2 Zone
9826	Wheeler Springs	358	181	Burro Creek	80-C			middle Eocene A-2 Zone
9827	Wheeler Springs	358	182	Burro Creek	80-C			middle Eocene A-2 Zone
9828	Wheeler Springs	358	183	Burro Creek	80-C			middle Eocene A-2 Zone
9829	Wheeler Springs	358	184	Burro Creek	80-C			middle Eocene A-2 Zone
9830	Wheeler Springs	358	185	Burro Creek	80-C			middle Eocene A-2 Zone
9831	Wheeler Springs	358	186	Burro Creek	80-C			middle Eocene A-2 Zone
9832	Wheeler Springs	358	187	Burro Creek	80-C			middle Eocene A-2 Zone
9833	Wheeler Springs	358	188	Burro Creek	80-D			middle Eocene A-2 Zone
9834	Wheeler Springs	358	189	Burro Creek	80-D			middle Eocene A-2 Zone
9835	Wheeler Springs	358	190	Burro Creek	80-D			middle Eocene A-2 Zone
9836	Wheeler Springs	358	191	Burro Creek	80-D			middle Eocene A-2 Zone
9837	Wheeler Springs	358	192	Burro Creek	80-D			middle Eocene A-2 Zone
9838	Wheeler Springs	358	193	Burro Creek	80-D			middle Eocene A-2 Zone
9839	Wheeler Springs	358	194	Burro Creek	80-D			middle Eocene A-2 Zone
9840	Wheeler Springs	358	195	Burro Creek	80-D			middle Eocene A-2 Zone
9841	Wheeler Springs	358	196	Burro Creek	80-D			middle Eocene A-2 Zone
9842	Wheeler Springs	358	197	Burro Creek	80-D			middle Eocene A-2 Zone

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
9843	Wheeler Springs	358	198	Burro Creek	80-D			middle Eocene A-2 Zone
9844	Wheeler Springs	358	199	Burro Creek	80-D			middle Eocene A-2 Zone
9845	Wheeler Springs	358	200	Burro Creek	80-D			middle Eocene A-2 Zone
9846	Wheeler Springs	358	201	Burro Creek	80-D			middle Eocene A-2 Zone
9847	Wheeler Springs	358	202	Burro Creek	80-D			middle Eocene A-2 Zone
9848	Wheeler Springs	358	203	Burro Creek	80-D			middle Eocene A-2 Zone
9849	Wheeler Springs	358	204	Burro Creek	80-D			middle Eocene A-2 Zone
9850	Wheeler Springs	358	205	Burro Creek	80-D			middle Eocene A-2 Zone
9851	Wheeler Springs	358	206	Burro Creek	80-D			middle Eocene A-2 Zone
9852	Wheeler Springs	358	207	Burro Creek	80-D			middle Eocene A-2 Zone
9853	Wheeler Springs	358	209	Burro Creek	80-D			middle Eocene A-2 Zone
9854	Wheeler Springs	358	210	Burro Creek	80-D			middle Eocene A-2 Zone
9855	Wheeler Springs	358	212	Burro Creek	80-D			middle Eocene A-2 Zone
9856	Wheeler Springs	358	213	Burro Creek	80-D			middle Eocene A-2 Zone
9857	Wheeler Springs	358	215	Burro Creek	80-D			middle Eocene A-2 Zone
9858	Wheeler Springs	358	216	Burro Creek	80-D			middle Eocene A-2 Zone
9859	Wheeler Springs	358	217	Burro Creek	80-D			middle Eocene A-2 Zone
9860	Wheeler Springs	358	218	Burro Creek	80-D			middle Eocene A-2 Zone
9861	Wheeler Springs	358	219	Burro Creek	80-D			middle Eocene A-2 Zone
9862	Wheeler Springs	358	220	Burro Creek	80-D			middle Eocene A-2 Zone
9863	Wheeler Springs	358	221	Burro Creek	80-D			middle Eocene A-2 Zone
9864	Wheeler Springs	358	222	Burro Creek	80-D			middle Eocene A-2 Zone
9865	Wheeler Springs	358	223	Burro Creek	80-D			middle Eocene A-2 Zone
9866	Wheeler Springs	358	224	Burro Creek	80-D			middle Eocene A-2 Zone
9867	Wheeler Springs	358	225	Burro Creek	80-D			middle Eocene A-2 Zone
9868	Wheeler Springs	358	226	Burro Creek	80-D			middle Eocene A-2 Zone
9869	Wheeler Springs	358	227	Burro Creek	80-D			middle Eocene A-2 Zone
9870	Wheeler Springs	358	228	Burro Creek	80-D			middle Eocene A-2 Zone
9871	Wheeler Springs	358	229	Burro Creek	80-D			middle Eocene A-2 Zone
9872	Wheeler Springs	358	230	Burro Creek	80-D			middle Eocene A-2 Zone
9873	Wheeler Springs	358	231	Burro Creek	80-D			middle Eocene A-2 Zone
9874	Wheeler Springs	358	232	Burro Creek	80-D			middle Eocene A-2 Zone
9875	Wheeler Springs	358	233	Burro Creek	80-D			middle Eocene A-2 Zone
9876	Wheeler Springs	358	234	Burro Creek	80-D			middle Eocene A-2 Zone
9877	Wheeler Springs	358	235	Burro Creek	80-D			middle Eocene A-2 Zone
9878	Wheeler Springs	358	236	Burro Creek	80-D			middle Eocene A-2 Zone
9879	Wheeler Springs	358	237	Burro Creek	80-D			middle Eocene A-2 Zone
9880	Wheeler Springs	358	238	Burro Creek	80-D			middle Eocene A-2 Zone
9881	Wheeler Springs	358	239	Burro Creek	80-D			middle Eocene A-2 Zone
9882	Wheeler Springs	358	243	Burro Creek	80-D			middle Eocene A-2 Zone
9883	Wheeler Springs	358	244	Burro Creek	80-D			middle Eocene A-2 Zone
9884	Wheeler Springs	358	245	Burro Creek	80-D			middle Eocene A-2 Zone
9885	Wheeler Springs	358	246	Burro Creek	80-D			middle Eocene A-2 Zone
9886	Wheeler Springs	358	247	Burro Creek	80-D			middle Eocene A-2 Zone
9887	Wheeler Springs	358	252	Burro Creek	80-D			middle Eocene A-2 Zone
9888	Wheeler Springs	358	253	Burro Creek	80-D			middle Eocene A-2 Zone
9889	Wheeler Springs	358	254	Burro Creek	80-D			middle Eocene A-2 Zone
9890	Wheeler Springs	358	256	Burro Creek	80-D			middle Eocene A-2 Zone
9891	Wheeler Springs	358	257	Burro Creek	80-D			middle Eocene A-2 Zone
9892	Wheeler Springs	358	258	Burro Creek	80-D			middle Eocene A-2 Zone
9893	Wheeler Springs	358	259	Burro Creek	80-E			middle Eocene A-2 Zone
9894	Wheeler Springs	358	260	Burro Creek	80-E			middle Eocene A-2 Zone
9895	Wheeler Springs	358	261	Burro Creek	80-E			middle Eocene A-2 Zone
9896	Wheeler Springs	358	262	Burro Creek	80-E			middle Eocene A-2 Zone
9897	Wheeler Springs	358	263	Burro Creek	80-E			middle Eocene A-2 Zone
9898	Wheeler Springs	358	264	Burro Creek	80-E			middle Eocene A-2 Zone
9899	Wheeler Springs	358	265	Burro Creek	80-E			middle Eocene A-2 Zone
9900	Wheeler Springs	358	266	Burro Creek	80-E			middle Eocene A-2 Zone
9901	Wheeler Springs	358	267	Burro Creek	80-E			middle Eocene A-2 Zone
9902	Wheeler Springs	358	268	Burro Creek	80-E			middle Eocene A-2 Zone
9903	Wheeler Springs	358	270	Burro Creek	80-E			middle Eocene A-2 Zone
9904	Wheeler Springs	358	271	Burro Creek	80-E			middle Eocene A-2 Zone
9905	Wheeler Springs	358	272	Burro Creek	80-E			middle Eocene A-2 Zone
9906	Wheeler Springs	358	276	Burro Creek	80-E			middle Eocene A-2 Zone
9907	Wheeler Springs	358	277	Burro Creek	80-E			middle Eocene A-2 Zone
9908	Wheeler Springs	358	279	Burro Creek	80-E			middle Eocene A-2 Zone
9909	Wheeler Springs	358	280	Burro Creek	80-E			middle Eocene A-1 Zone
9910	Wheeler Springs	358	281	Burro Creek	80-E			middle Eocene A-1 Zone
9911	Wheeler Springs	358	282	Burro Creek	80-E			middle Eocene A-1 Zone
9912	Wheeler Springs	358	283	Burro Creek	80-E			middle Eocene A-1 Zone
9913	Wheeler Springs	358	284	Burro Creek	80-E			middle Eocene A-1 Zone
9914	Wheeler Springs	358	285	Burro Creek	80-E			middle Eocene A-1 Zone
9915	Wheeler Springs	358	286	Burro Creek	80-E			middle Eocene A-1 Zone
9916	Wheeler Springs	358	287	Burro Creek	80-E			middle Eocene A-1 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
9917	Wheeler Springs	358	288	Burro Creek	80-E			middle Eocene A-1 Zone
9918	Wheeler Springs	358	289	Burro Creek	80-E			middle Eocene A-1 Zone
9919	Wheeler Springs	358	290	Burro Creek	80-E			middle Eocene A-1 Zone
9920	Wheeler Springs	358	291	Burro Creek	80-E			middle Eocene A-1 Zone
9921	Wheeler Springs	358	292	Burro Creek	80-E			middle Eocene A-1 Zone
9922	Wheeler Springs	358	293	Burro Creek	80-E			middle Eocene A-1 Zone
9923	Wheeler Springs	358	294	Burro Creek	80-E			middle Eocene A-1 Zone
9924	Wheeler Springs	358	295	Burro Creek	80-E			middle Eocene A-1 Zone
9925	Wheeler Springs	358	296	Burro Creek	80-E			middle Eocene A-1 Zone
9926	Wheeler Springs	358	297	Burro Creek	80-E			middle Eocene A-1 Zone
9927	Wheeler Springs	358	298	Burro Creek	80-E			middle Eocene A-1 Zone
9928	Wheeler Springs	358	299	Burro Creek	80-E			middle Eocene A-1 Zone
9929	Wheeler Springs	358	300	Burro Creek	80-E			middle Eocene A-1 Zone
9930	Wheeler Springs	358	301	Burro Creek	80-E			middle Eocene A-1 Zone
9931	Wheeler Springs	358	302	Burro Creek	80-E			middle Eocene A-1 Zone
9932	Wheeler Springs	358	303	Burro Creek	80-E			middle Eocene A-1 Zone
9933	Wheeler Springs	358	304	Burro Creek	80-E			middle Eocene A-1 Zone
9934	Wheeler Springs	358	305	Burro Creek	80-E			middle Eocene A-1 Zone
9935	Wheeler Springs	358	306	Burro Creek	80-E			middle Eocene A-1 Zone
9936	Wheeler Springs	358	308	Burro Creek	80-E			middle Eocene A-1 Zone
9937	Wheeler Springs	358	309	Burro Creek	80-E			middle Eocene A-1 Zone
9938	Wheeler Springs	358	310	Burro Creek	80-E			middle Eocene A-1 Zone
9939	Wheeler Springs	358	311	Burro Creek	80-E			middle Eocene A-1 Zone
9940	Wheeler Springs	358	312	Burro Creek	80-E			middle Eocene A-1 Zone
9941	Wheeler Springs	358	313	Burro Creek	80-E			middle Eocene A-1 Zone
9942	Wheeler Springs	358	314	Burro Creek	80-E			middle Eocene A-1 Zone
9943	Wheeler Springs	358	316	Burro Creek	80-E			middle Eocene A-1 Zone
9944	Wheeler Springs	358	317	Burro Creek	80-E			middle Eocene A-1 Zone
9945	Wheeler Springs	358	318	Burro Creek	80-E			middle Eocene A-1 Zone
9946	Wheeler Springs	358	319	Burro Creek	80-E			middle Eocene A-1 Zone
9947	Wheeler Springs	358	320	Burro Creek	80-E			middle Eocene A-1 Zone
9948	Wheeler Springs	358	321	Burro Creek	80-E			middle Eocene A-1 Zone
9949	Wheeler Springs	358	323	Burro Creek	80-E			middle Eocene A-1 Zone
9950	Wheeler Springs	358	324	Burro Creek	80-E			middle Eocene A-1 Zone
9951	Wheeler Springs	358	325	Burro Creek	80-E			middle Eocene A-1 Zone
9952	Wheeler Springs	358	326	Burro Creek	80-E			middle Eocene A-1 Zone
9953	Wheeler Springs	358	327	Burro Creek	80-E			middle Eocene A-1 Zone
9954	Wheeler Springs	358	329	Burro Creek	80-E			middle Eocene A-1 Zone
9955	Wheeler Springs	358	330	Burro Creek	80-E			middle Eocene A-1 Zone
9956	Wheeler Springs	358	331	Burro Creek	80-E			middle Eocene A-1 Zone
9957	Wheeler Springs	358	334	Burro Creek	80-E			middle Eocene A-1 Zone
9958	Wheeler Springs	358	335	Burro Creek	80-E			middle Eocene A-1 Zone
9959	Wheeler Springs	358	337	Burro Creek	80-E			middle Eocene A-1 Zone
9960	Wheeler Springs	358	338	Burro Creek	80-E			middle Eocene A-1 Zone
9961	Wheeler Springs	358	339	Burro Creek	80-E			middle Eocene A-1 Zone
9962	Wheeler Springs	358	342	Burro Creek	80-E			middle Eocene A-1 Zone
9963	Wheeler Springs	358	343	Burro Creek	80-E			middle Eocene A-1 Zone
9964	Wheeler Springs	358	346	Burro Creek	80-E			middle Eocene A-1 Zone
9965	Wheeler Springs	358	347	Burro Creek	80-E			middle Eocene A-1 Zone
9966	Wheeler Springs	358	348	Burro Creek	80-E			middle Eocene A-1 Zone
9967	Wheeler Springs	358	349	Burro Creek	80-E			middle Eocene A-1 Zone
9968	Wheeler Springs	358	350	Burro Creek	80-E			middle Eocene A-1 Zone
9969	Wheeler Springs	358	351	Burro Creek	80-E			middle Eocene A-1 Zone
9970	Wheeler Springs	358	352	Burro Creek	80-E			middle Eocene A-1 Zone
9971	Wheeler Springs	358	353	Burro Creek	80-E			middle Eocene A-1 Zone
9972	Wheeler Springs	358	354	Burro Creek	80-E			middle Eocene A-1 Zone
9973	Wheeler Springs	358	355	Burro Creek	80-E			middle Eocene A-1 Zone
9974	Wheeler Springs	358	358	Burro Creek	80-E			middle Eocene A-1 Zone
9975	Wheeler Springs	358	360	Burro Creek	80-E			middle Eocene A-1 Zone
9976	Wheeler Springs	358	362	Burro Creek	80-E			middle Eocene A-1 Zone
9977	Wheeler Springs	358	363	Burro Creek	80-E			middle Eocene A-1 Zone
9978	Wheeler Springs	358	365	Burro Creek	80-E			middle Eocene A-1 Zone
9979	Wheeler Springs	358	366	Burro Creek	80-E			middle Eocene A-1 Zone
9980	Wheeler Springs	358	367	Burro Creek	80-E			middle Eocene A-1 Zone
9981	Wheeler Springs	358	368	Burro Creek	80-E			middle Eocene A-1 Zone
9982	Wheeler Springs	358	369	Burro Creek	80-E			middle Eocene A-1 Zone
9983	Wheeler Springs	358	370	Burro Creek	80-E			middle Eocene A-1 Zone
9984	Wheeler Springs	358	371	Burro Creek	80-E			middle Eocene A-1 Zone
9985	Madulce Peak	359	1	S Barbara Canyon	55-B	Have rock column		late Eocene
9986	Madulce Peak	359	2	S Barbara Canyon	55-B			late Eocene
9987	Madulce Peak	359	3	S Barbara Canyon	55-B			late Eocene
9988	Madulce Peak	359	4	S Barbara Canyon	55-B			late Eocene
9989	Madulce Peak	359	5	S Barbara Canyon	55-B			late Eocene
9990	Madulce Peak	359	6	S Barbara Canyon	55-B			late Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
9991	Madulce Peak	359	7	S Barbara Canyon	55-B			late Eocene
9992	Madulce Peak	359	15	S Barbara Canyon	55-B			early Eocene
9993	Madulce Peak	359	17	S Barbara Canyon	55-B			early Eocene
9994	Madulce Peak	359	19	S Barbara Canyon	55-B			early Eocene
9995	Madulce Peak	359	20	S Barbara Canyon	55-B			early Eocene
9996	Madulce Peak	359	21	S Barbara Canyon	55-B			early Eocene
9997	Madulce Peak	359	22	S Barbara Canyon	55-B			early Eocene
9998	Madulce Peak	359	23	S Barbara Canyon	55-B			early Eocene
9999	Madulce Peak	359	24	S Barbara Canyon	55-B			early Eocene
10000	Gaviota	360		SB Gaviota Beach	82-K	data on slide		middle and late Miocene upper Mohnian Stage
10001	Reyes Peak	360	6	Wagon Rd Canyon	78-L	Have strat column		Eocene
10002	Reyes Peak	360	7	Wagon Rd Canyon	78-L	see lot 355		Eocene
10003	Reyes Peak	360	9	Wagon Rd Canyon	78-L			Eocene
10004	Reyes Peak	360	14	Wagon Rd Canyon	78-L			Eocene
10005	Reyes Peak	360	15	Wagon Rd Canyon	78-L			Eocene
10006	Reyes Peak	360	16	Wagon Rd Canyon	78-L			Eocene
10007	Reyes Peak	360	17	Wagon Rd Canyon	78-L			Eocene
10008	Reyes Peak	360	19	Wagon Rd Canyon	78-L			Eocene
10009	Reyes Peak	360	21	Wagon Rd Canyon	78-L			Eocene
10010	Reyes Peak	360	22	Wagon Rd Canyon	78-L			Eocene
10011	Reyes Peak	360	24	Wagon Rd Canyon	78-L			Eocene
10012	Reyes Peak	360	30	Wagon Rd Canyon	78-L			Eocene
10013	Reyes Peak	360	31	Wagon Rd Canyon	78-L			Eocene
10014	Reyes Peak	360	34	Wagon Rd Canyon	78-L			Eocene
10015	Reyes Peak	360	35	Wagon Rd Canyon	78-L			Eocene
10016	Reyes Peak	360	39	Wagon Rd Canyon	78-L			Eocene
10017	Reyes Peak	360	44	Wagon Rd Canyon	78-L			Eocene
10018	Reyes Peak	360	45	Wagon Rd Canyon	78-L			Eocene
10019	Reyes Peak	360	46	Wagon Rd Canyon	78-L			Eocene
10020	Reyes Peak	360	49	Wagon Rd Canyon	78-L			Eocene
10021	Reyes Peak	360	52	Wagon Rd Canyon	78-L			Eocene
10022	Reyes Peak	360	53	Wagon Rd Canyon	78-L			Eocene
10023	Reyes Peak	360	54	Wagon Rd Canyon	78-L			Eocene
10024	Reyes Peak	360	58	Wagon Rd Canyon	78-L			Eocene
10025	Reyes Peak	360	60	Wagon Rd Canyon	78-L			Eocene
10026	Reyes Peak	360	61	Wagon Rd Canyon	78-L			Eocene
10027	Reyes Peak	360	62	Wagon Rd Canyon	78-L			Eocene
10028	Reyes Peak	360	63	Wagon Rd Canyon	78-L			Eocene
10029	Reyes Peak	360	67	Wagon Rd Canyon	78-L			Eocene
10030	Reyes Peak	360	68	Wagon Rd Canyon	78-L			Eocene
10031	Reyes Peak	360	73	Wagon Rd Canyon	78-L			Eocene
10032	Reyes Peak	360	74	Wagon Rd Canyon	78-L			Eocene
10033	Reyes Peak	360	75	Wagon Rd Canyon	78-L			Eocene
10034	Reyes Peak	360	79	Wagon Rd Canyon	78-L			Eocene
10035	Reyes Peak	360	80	Wagon Rd Canyon	78-L			Eocene
10036	Reyes Peak	360	81	Wagon Rd Canyon	78-L			Eocene
10037	Reyes Peak	360	82	Wagon Rd Canyon	78-L			Eocene
10038	Reyes Peak	360	84	Wagon Rd Canyon	78-L			Eocene
10039	Reyes Peak	360	87	Wagon Rd Canyon	78-L			Eocene
10040	Reyes Peak	360	90	Wagon Rd Canyon	78-L			Eocene
10041	Reyes Peak	360	93	Wagon Rd Canyon	78-L			Eocene
10042	Reyes Peak	360	98	Wagon Rd Canyon	78-L			Eocene
10043	Reyes Peak	360	100	Wagon Rd Canyon	78-L			Eocene
10044	Reyes Peak	360	101	Wagon Rd Canyon	78-L			Eocene
10045	Reyes Peak	360	106	Wagon Rd Canyon	78-L			Eocene
10046	Reyes Peak	360	107	Wagon Rd Canyon	78-L			Eocene
10047	Reyes Peak	360	108	Wagon Rd Canyon	78-L			Eocene
10048	Reyes Peak	360	117	Wagon Rd Canyon	78-L			Eocene
10049	Reyes Peak	360	118	Wagon Rd Canyon	78-L			Eocene
10050	Reyes Peak	360	120	Wagon Rd Canyon	78-M			Eocene
10051	Reyes Peak	360	121	Wagon Rd Canyon	78-M			Eocene
10052	Reyes Peak	360	122	Wagon Rd Canyon	78-M			Eocene
10053	Reyes Peak	360	123	Wagon Rd Canyon	78-M			Eocene
10054	Reyes Peak	360	124	Wagon Rd Canyon	78-M			Eocene
10055	Reyes Peak	360	126	Wagon Rd Canyon	78-M			Eocene
10056	Reyes Peak	360	127	Wagon Rd Canyon	78-M			Eocene
10057	Reyes Peak	360	128	Wagon Rd Canyon	78-M			Eocene
10058	Reyes Peak	360	131	Wagon Rd Canyon	78-M			Eocene
10059	Reyes Peak	360	135	Wagon Rd Canyon	78-M			Eocene
10060	Reyes Peak	360	136	Wagon Rd Canyon	78-M			Eocene
10061	Reyes Peak	360	137	Wagon Rd Canyon	78-M			Eocene
10062	Reyes Peak	360	139	Wagon Rd Canyon	78-M			Eocene
10063	Reyes Peak	360	140	Wagon Rd Canyon	78-M			Eocene
10064	Reyes Peak	360	141	Wagon Rd Canyon	78-M			Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
10065	Reyes Peak	360	143	Wagon Rd Canyon	78-M			Eocene
10066	Reyes Peak	360	146	Wagon Rd Canyon	78-M			Eocene
10067	Reyes Peak	360	153	Wagon Rd Canyon	78-M			Eocene
10068	Reyes Peak	360	155	Wagon Rd Canyon	78-M			Eocene
10069	Reyes Peak	360	156	Wagon Rd Canyon	78-M			Eocene
10070	Reyes Peak	360	158	Wagon Rd Canyon	78-M			Eocene
10071	Reyes Peak	360	162	Wagon Rd Canyon	78-M			Eocene
10072	Reyes Peak	360	163	Wagon Rd Canyon	78-M			Eocene
10073	Reyes Peak	360	164	Wagon Rd Canyon	78-M			Eocene
10074	Reyes Peak	360	165	Wagon Rd Canyon	78-M			Eocene
10075	Reyes Peak	360	169	Wagon Rd Canyon	78-M			Eocene
10076	Reyes Peak	360	175	Wagon Rd Canyon	78-M			Eocene
10077	Reyes Peak	360	179	Wagon Rd Canyon	78-M			Eocene
10078	Reyes Peak	360	180	Wagon Rd Canyon	78-M			Eocene
10079	Reyes Peak	360	182	Wagon Rd Canyon	78-M			Eocene
10080	Reyes Peak	360	186	Wagon Rd Canyon	78-M			Eocene
10081	Reyes Peak	360	189	Wagon Rd Canyon	78-M			Eocene
10082	Reyes Peak	360	190	Wagon Rd Canyon	78-M			Eocene
10083	Reyes Peak	360	191	Wagon Rd Canyon	78-M			Eocene
10084	Reyes Peak	360	204	Wagon Rd Canyon	78-M			Eocene
10085	Reyes Peak	360	206	Wagon Rd Canyon	78-M			Eocene
10086	Reyes Peak	360	210	Wagon Rd Canyon	78-M			Eocene
10087	Reyes Peak	360	214	Wagon Rd Canyon	78-M			Eocene
10088	Reyes Peak	360	217	Wagon Rd Canyon	78-M			Eocene
10089	Reyes Peak	360	218	Wagon Rd Canyon	78-M			Eocene
10090	Reyes Peak	360	219	Wagon Rd Canyon	78-M			Eocene
10091	Reyes Peak	360	220	Wagon Rd Canyon	78-M			Eocene
10092	Reyes Peak	360	221	Wagon Rd Canyon	78-M			Eocene
10093	Reyes Peak	360	223	Wagon Rd Canyon	78-M			Eocene
10094	Santa Paula Peak	360	2	Santa Paula Canyon	56-K	Have strat		Eocene
10095	Santa Paula Peak	360	3	Santa Paula Canyon	56-K	column		Eocene
10096	Santa Paula Peak	360	4	Santa Paula Canyon	56-K			Eocene
10097	Santa Paula Peak	360	5	Santa Paula Canyon	56-K			Eocene
10098	Santa Paula Peak	360	6	Santa Paula Canyon	56-K			Eocene
10099	Santa Paula Peak	360	7	Santa Paula Canyon	56-K			Eocene
10100	Santa Paula Peak	360	8	Santa Paula Canyon	56-K			Eocene
10101	Santa Paula Peak	360	9	Santa Paula Canyon	56-K			Eocene
10102	Santa Paula Peak	360	10	Santa Paula Canyon	56-K			Eocene
10103	Santa Paula Peak	360	11	Santa Paula Canyon	56-K			Eocene
10104	Santa Paula Peak	360	12	Santa Paula Canyon	56-K			Eocene
10105	Santa Paula Peak	360	13	Santa Paula Canyon	56-K			Eocene
10106	Madulce Peak	361	11	S Barbara Canyon	no slide			middle Eocene A-2 Zone
10107	Wheeler Springs	361	14	Potrero John Ck	86-B			middle Eocene A-2 Zone
10108	Wheeler Springs	361	16	Potrero John Ck	86-B			middle Eocene A-2 Zone
10109	Wheeler Springs	361	22	Potrero John Ck	86-B	Have strat column		middle Eocene A-2 Zone
10110	Wheeler Springs	361	23	Potrero John Ck	86-B	and foram check		middle Eocene A-2 Zone
10111	Wheeler Springs	361	24	Potrero John Ck	86-B	list		middle Eocene A-2 Zone
10112	Wheeler Springs	361	25	Potrero John Ck	86-B			middle Eocene A-2 Zone
10113	Wheeler Springs	361	27	Potrero John Ck	86-B			middle Eocene A-2 Zone
10114	Wheeler Springs	361	28	Potrero John Ck	86-B			middle Eocene A-2 Zone
10115	Wheeler Springs	361	29	Potrero John Ck	86-B			middle Eocene A-2 Zone
10116	Wheeler Springs	361	30	Potrero John Ck	86-B			middle Eocene A-2 Zone
10117	Wheeler Springs	361	31	Potrero John Ck	86-B			middle Eocene A-2 Zone
10118	Wheeler Springs	361	32	Potrero John Ck	86-B			middle Eocene A-2 Zone
10119	Wheeler Springs	361	35	Potrero John Ck	86-B			middle Eocene A-2 Zone
10120	Wheeler Springs	361	36	Potrero John Ck	86-B			middle Eocene A-2 Zone
10121	Reyes Peak	362	1	Potrero John Ck	86-C	Have strat column		middle Eocene A-2 Zone
10122	Reyes Peak	362	2	Potrero John Ck	86-C	and foram check		middle Eocene A-2 Zone
10123	Reyes Peak	362	3	Potrero John Ck	86-C	list. Quad strat		middle Eocene A-2 Zone
10124	Reyes Peak	362	4	Potrero John Ck	86-C	may be reversed.		middle Eocene A-2 Zone
10125	Reyes Peak	362	5	Potrero John Ck	86-C			middle Eocene A-2 Zone
10126	Reyes Peak	362	6	Potrero John Ck	86-C			middle Eocene A-2 Zone
10127	Reyes Peak	362	7	Potrero John Ck	86-C			middle Eocene A-2 Zone
10128	Reyes Peak	362	9	Potrero John Ck	86-C			middle Eocene A-2 Zone
10129	Reyes Peak	362	11	Potrero John Ck	86-C			middle Eocene A-2 Zone
10130	Reyes Peak	362	12	Potrero John Ck	86-C			middle Eocene A-2 Zone
10131	Reyes Peak	362	13	Potrero John Ck	86-C			middle Eocene A-2 Zone
10132	Reyes Peak	362	14	Potrero John Ck	86-C			middle Eocene A-2 Zone
10133	Reyes Peak	362	15	Potrero John Ck	86-C			middle Eocene A-2 Zone
10134	Reyes Peak	362	16	Potrero John Ck	86-C			middle Eocene A-2 Zone
10135	Reyes Peak	362	17	Potrero John Ck	86-C			middle Eocene A-2 Zone
10136	Reyes Peak	362	18	Potrero John Ck	86-C			middle Eocene A-2 Zone
10137	Reyes Peak	362	19	Potrero John Ck	86-C			middle Eocene A-2 Zone
10138	Reyes Peak	362	20	Potrero John Ck	86-C			middle Eocene A-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
10139	Reyes Peak	362	21	Potrero John Ck	86-C			middle Eocene A-2 Zone
10140	Reyes Peak	362	22	Potrero John Ck	86-C			middle Eocene A-2 Zone
10141	Reyes Peak	362	23	Potrero John Ck	86-C			middle Eocene A-2 Zone
10142	Reyes Peak	362	24	Potrero John Ck	86-C			middle Eocene A-2 Zone
10143	Reyes Peak	362	25	Potrero John Ck	86-C			middle Eocene A-2 Zone
10144	Reyes Peak	362	26	Potrero John Ck	86-C			middle Eocene A-2 Zone
10145	Reyes Peak	362	27	Potrero John Ck	86-C			middle Eocene A-2 Zone
10146	Reyes Peak	362	28	Potrero John Ck	86-C			middle Eocene A-2 Zone
10147	Reyes Peak	362	29	Potrero John Ck	86-C			middle Eocene A-2 Zone
10148	Reyes Peak	362	30	Potrero John Ck	86-C			middle Eocene A-2 Zone
10149	Wheeler Springs	362	31	Potrero John Ck	86-C	Have strat column		middle Eocene A-2 Zone
10150	Wheeler Springs	362	32	Potrero John Ck	86-C	and foram check		middle Eocene A-2 Zone
10151	Wheeler Springs	362	33	Potrero John Ck	86-C	list		middle Eocene A-2 Zone
10152	Wheeler Springs	362	34	Potrero John Ck	86-C			middle Eocene A-2 Zone
10153	Wheeler Springs	362	35	Potrero John Ck	86-C			middle Eocene A-2 Zone
10154	Wheeler Springs	362	36	Potrero John Ck	86-C			middle Eocene A-2 Zone
10155	Wheeler Springs	362	37	Potrero John Ck	86-C			middle Eocene A-2 Zone
10156	Wheeler Springs	362	38	Potrero John Ck	86-C			middle Eocene A-2 Zone
10157	Wheeler Springs	362	40	Potrero John Ck	86-C			middle Eocene A-2 Zone
10158	Wheeler Springs	362	41	Potrero John Ck	86-C			middle Eocene A-2 Zone
10159	Wheeler Springs	362	42	Potrero John Ck	86-C			middle Eocene A-2 Zone
10160	Wheeler Springs	362	43	Potrero John Ck	86-C			middle Eocene A-2 Zone
10161	Wheeler Springs	362	44	Potrero John Ck	86-C			middle Eocene A-2 Zone
10162	Wheeler Springs	362	45	Potrero John Ck	86-C			middle Eocene A-2 Zone
10163	Wheeler Springs	362	46	Potrero John Ck	86-C			middle Eocene A-2 Zone
10164	Wheeler Springs	362	47	Potrero John Ck	86-C			middle Eocene A-2 Zone
10165	Wheeler Springs	362	48	Potrero John Ck	86-C			middle Eocene A-2 Zone
10166	Wheeler Springs	362	49	Potrero John Ck	86-C			middle Eocene A-2 Zone
10167	Wheeler Springs	362	50	Potrero John Ck	86-C			middle Eocene A-2 Zone
10168	Wheeler Springs	362	51	Potrero John Ck	86-C			middle Eocene A-2 Zone
10169	Wheeler Springs	362	52	Potrero John Ck	86-C			middle Eocene A-2 Zone
10170	Wheeler Springs	362	53	Potrero John Ck	86-C			middle Eocene A-2 Zone
10171	Wheeler Springs	362	54	Potrero John Ck	86-C			middle Eocene A-2 Zone
10172	Lockwood Valley	363		not on map	no slide	strat column		middle Eocene A-2 Zone
10173	Rancho Nuevo Creek	363	13	Bear Canyon	81-A	Not on map but		Eocene
10174	Rancho Nuevo Creek	363	14	Bear Canyon	81-A	Bear Canyon is in		Eocene
10175	Rancho Nuevo Creek	363	19	Bear Canyon	81-A	this quad, and lot		Eocene
10176	Rancho Nuevo Creek	363	20	Bear Canyon	81-A	364 is nearby.		Eocene
10177	Rancho Nuevo Creek	363	21	Bear Canyon	81-A	Have brief strat		Eocene
10178	Rancho Nuevo Creek	363	22	Bear Canyon	81-A	column.		Eocene
10179	Rancho Nuevo Creek	363	23	Bear Canyon	81-A			Eocene
10180	Rancho Nuevo Creek	363	25	Bear Canyon	81-A			Eocene
10181	Rancho Nuevo Creek	363	26	Bear Canyon	81-A			Eocene
10182	Rancho Nuevo Creek	363	28	Bear Canyon	81-A			Eocene
10183	Rancho Nuevo Creek	363	29	Bear Canyon	81-A			Eocene
10184	Rancho Nuevo Creek	363	30	Bear Canyon	81-A			Eocene
10185	Rancho Nuevo Creek	363	35	Bear Canyon	81-A			Eocene
10186	Rancho Nuevo Creek	363	37	Bear Canyon	81-A			Eocene
10187	Rancho Nuevo Creek	363	41	Bear Canyon	81-A			Eocene
10188	Rancho Nuevo Creek	363	43	Bear Canyon	81-A			Eocene
10189	Rancho Nuevo Creek	363	44	Bear Canyon	81-A			Eocene
10190	Rancho Nuevo Creek	363	45	Bear Canyon	81-A			Eocene
10191	Rancho Nuevo Creek	363	51	Bear Canyon	81-A			Eocene
10192	Rancho Nuevo Creek	363	52	Bear Canyon	81-A			Eocene
10193	Rancho Nuevo Creek	363	54	Bear Canyon	81-A			Eocene
10194	Rancho Nuevo Creek	363	57	Bear Canyon	81-A			Eocene
10195	Rancho Nuevo Creek	363	58	Bear Canyon	81-A			Eocene
10196	Rancho Nuevo Creek	363	59	Bear Canyon	81-A			Eocene
10197	Rancho Nuevo Creek	363	62	Bear Canyon	81-A			Eocene
10198	Rancho Nuevo Creek	363	63	Bear Canyon	81-A			Eocene
10199	Rancho Nuevo Creek	363	66	Bear Canyon	81-A			Eocene
10200	Rancho Nuevo Creek	363	69	Bear Canyon	81-A			Eocene
10201	Rancho Nuevo Creek	363	70	Bear Canyon	81-A			Eocene
10202	Rancho Nuevo Creek	363	71	Bear Canyon	81-A			Eocene
10203	Rancho Nuevo Creek	363	72	Bear Canyon	81-A			Eocene
10204	Rancho Nuevo Creek	363	73	Bear Canyon	81-A			Eocene
10205	Rancho Nuevo Creek	363	74	Bear Canyon	81-A			Eocene
10206	Rancho Nuevo Creek	363	77	Bear Canyon	81-A			Eocene
10207	Rancho Nuevo Creek	363	81	Bear Canyon	81-A			Eocene
10208	Rancho Nuevo Creek	363	82	Bear Canyon	81-A			Eocene
10209	Rancho Nuevo Creek	363	83	Bear Canyon	81-A			Eocene
10210	Rancho Nuevo Creek	363	86	Bear Canyon	81-A			Eocene
10211	Rancho Nuevo Creek	363	88	Bear Canyon	81-A			Eocene
10212	Rancho Nuevo Creek	363	89	Bear Canyon	81-A			Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
10213	Rancho Nuevo Creek	363	91	Bear Canyon	81-A			Eocene
10214	Rancho Nuevo Creek	363	92	Bear Canyon	81-A			Eocene
10215	Rancho Nuevo Creek	363	93	Bear Canyon	81-A			Eocene
10216	Rancho Nuevo Creek	363	95	Bear Canyon	81-A			Eocene
10217	Rancho Nuevo Creek	363	97	Bear Canyon	81-A			Eocene
10218	Rancho Nuevo Creek	363	100	Bear Canyon	81-A			Eocene
10219	Rancho Nuevo Creek	363	103	Bear Canyon	81-A			Eocene
10220	Rancho Nuevo Creek	363	104	Bear Canyon	81-A			Eocene
10221	Rancho Nuevo Creek	363	105	Bear Canyon	81-A			Eocene
10222	Rancho Nuevo Creek	363	107	Bear Canyon	81-A			Eocene
10223	Rancho Nuevo Creek	363	108	Bear Canyon	81-A			Eocene
10224	Rancho Nuevo Creek	363	109	Bear Canyon	81-A			Eocene
10225	Rancho Nuevo Creek	363	110	Bear Canyon	81-A			Eocene
10226	Rancho Nuevo Creek	363	111	Bear Canyon	81-A			Eocene
10227	Rancho Nuevo Creek	363	112	Bear Canyon	81-A			Eocene
10228	Rancho Nuevo Creek	363	113	Bear Canyon	81-A			Eocene
10229	Rancho Nuevo Creek	363	114	Bear Canyon	81-A			Eocene
10230	Rancho Nuevo Creek	363	115	Bear Canyon	81-A			Eocene
10231	Rancho Nuevo Creek	363	116	Bear Canyon	81-B			Eocene
10232	Rancho Nuevo Creek	363	117	Bear Canyon	81-B			Eocene
10233	Rancho Nuevo Creek	363	118	Bear Canyon	81-B			Eocene
10234	Rancho Nuevo Creek	363	119	Bear Canyon	81-B			Eocene
10235	Rancho Nuevo Creek	363	120	Bear Canyon	81-B			Eocene
10236	Rancho Nuevo Creek	363	121	Bear Canyon	81-B			Eocene
10237	Rancho Nuevo Creek	363	123	Bear Canyon	81-B			Eocene
10238	Rancho Nuevo Creek	363	124	Bear Canyon	81-B			Eocene
10239	Rancho Nuevo Creek	363	125	Bear Canyon	81-B			Eocene
10240	Rancho Nuevo Creek	363	126	Bear Canyon	81-B			Eocene
10241	Rancho Nuevo Creek	363	127	Bear Canyon	81-B			Eocene
10242	Rancho Nuevo Creek	363	128	Bear Canyon	81-B			Eocene
10243	Rancho Nuevo Creek	363	129	Bear Canyon	81-B			Eocene
10244	Rancho Nuevo Creek	363	130	Bear Canyon	81-B			Eocene
10245	Rancho Nuevo Creek	363	131	Bear Canyon	81-B			Eocene
10246	Rancho Nuevo Creek	363	132	Bear Canyon	81-B			Eocene
10247	Rancho Nuevo Creek	363	134	Bear Canyon	81-B			Eocene
10248	Rancho Nuevo Creek	363	136	Bear Canyon	81-B			Eocene
10249	Rancho Nuevo Creek	363	137	Bear Canyon	81-B			Eocene
10250	Rancho Nuevo Creek	363	138	Bear Canyon	81-B			Eocene
10251	Rancho Nuevo Creek	363	139	Bear Canyon	81-B			Eocene
10252	Rancho Nuevo Creek	363	140	Bear Canyon	81-B			Eocene
10253	Rancho Nuevo Creek	363	142	Bear Canyon	81-B			Eocene
10254	Rancho Nuevo Creek	363	144	Bear Canyon	81-B			Eocene
10255	Rancho Nuevo Creek	363	145	Bear Canyon	81-B			Eocene
10256	Rancho Nuevo Creek	363	146	Bear Canyon	81-B			Eocene
10257	Rancho Nuevo Creek	363	147	Bear Canyon	81-B			Eocene
10258	Rancho Nuevo Creek	363	148	Bear Canyon	81-B			Eocene
10259	Rancho Nuevo Creek	363	149	Bear Canyon	81-B			Eocene
10260	Rancho Nuevo Creek	363	150	Bear Canyon	81-B			Eocene
10261	Rancho Nuevo Creek	363	151	Bear Canyon	81-B			Eocene
10262	Rancho Nuevo Creek	363	152	Bear Canyon	81-B			Eocene
10263	Rancho Nuevo Creek	363	153	Bear Canyon	81-B			Eocene
10264	Rancho Nuevo Creek	363	154	Bear Canyon	81-B			Eocene
10265	Rancho Nuevo Creek	363	160	Bear Canyon	81-B			Eocene
10266	Rancho Nuevo Creek	363	161	Bear Canyon	81-B			Eocene
10267	Rancho Nuevo Creek	363	162	Bear Canyon	81-B			Eocene
10268	Rancho Nuevo Creek	363	170	Bear Canyon	81-B			Eocene
10269	Rancho Nuevo Creek	363	176	Bear Canyon	81-B			Eocene
10270	Rancho Nuevo Creek	363	177	Bear Canyon	81-B			Eocene
10271	Rancho Nuevo Creek	363	178	Bear Canyon	81-B			Eocene
10272	Rancho Nuevo Creek	363	179	Bear Canyon	81-B			Eocene
10273	Rancho Nuevo Creek	363	180	Bear Canyon	81-B			Eocene
10274	Rancho Nuevo Creek	363	182	Bear Canyon	81-B			Eocene
10275	Rancho Nuevo Creek	363	183	Bear Canyon	81-B			Eocene
10276	Rancho Nuevo Creek	363	184	Bear Canyon	81-B			Eocene
10277	Rancho Nuevo Creek	363	185	Bear Canyon	81-B			Eocene
10278	Rancho Nuevo Creek	363	186	Bear Canyon	81-B			Eocene
10279	Rancho Nuevo Creek	363	187	Bear Canyon	81-B			Eocene
10280	Rancho Nuevo Creek	363	188	Bear Canyon	81-B			Eocene
10281	Rancho Nuevo Creek	363	189	Bear Canyon	81-B			Eocene
10282	Rancho Nuevo Creek	363	190	Bear Canyon	81-B			Eocene
10283	Rancho Nuevo Creek	363	191	Bear Canyon	81-B			Eocene
10284	Rancho Nuevo Creek	363	192	Bear Canyon	81-B			Eocene
10285	Rancho Nuevo Creek	363	193	Bear Canyon	81-B			Eocene
10286	Rancho Nuevo Creek	363	206	Bear Canyon	81-B			Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
10287	Rancho Nuevo Creek	363	212	Bear Canyon	81-B			Eocene
10288	Rancho Nuevo Creek	363	213	Bear Canyon	81-B			Eocene
10289	Rancho Nuevo Creek	363	214	Bear Canyon	81-B			Eocene
10290	Rancho Nuevo Creek	363	216	Bear Canyon	81-C			Eocene
10291	Rancho Nuevo Creek	363	218	Bear Canyon	81-C			Eocene
10292	Rancho Nuevo Creek	363	219	Bear Canyon	81-C			Eocene
10293	Rancho Nuevo Creek	363	220	Bear Canyon	81-C			Eocene
10294	Rancho Nuevo Creek	363	221	Bear Canyon	81-C			Eocene
10295	Rancho Nuevo Creek	363	222	Bear Canyon	81-C			Eocene
10296	Rancho Nuevo Creek	363	223	Bear Canyon	81-C			Eocene
10297	Rancho Nuevo Creek	363	224	Bear Canyon	81-C			Eocene
10298	Rancho Nuevo Creek	363	225	Bear Canyon	81-C			Eocene
10299	Rancho Nuevo Creek	363	247	Bear Canyon	81-C			Eocene
10300	Rancho Nuevo Creek	363	252	Bear Canyon	81-C			Eocene
10301	Rancho Nuevo Creek	363	253	Bear Canyon	81-C			Eocene
10302	Rancho Nuevo Creek	363	254	Bear Canyon	81-C			Eocene
10303	Rancho Nuevo Creek	363	255	Bear Canyon	81-C			Eocene
10304	Rancho Nuevo Creek	363	X9	Bear Canyon	81-C			Eocene
10305	Rancho Nuevo Creek	363	X11	Bear Canyon	81-C			Eocene
10306	Rancho Nuevo Creek	363	X12	Bear Canyon	81-C			Eocene
10307	Rancho Nuevo Creek	363	X14	Bear Canyon	81-C			Eocene
10308	Rancho Nuevo Creek	363	X16	Bear Canyon	81-C			Eocene
10309	Rancho Nuevo Creek	363	X18	Bear Canyon	81-C			Eocene
10310	Rancho Nuevo Creek	363	X19	Bear Canyon	81-C			Eocene
10311	Rancho Nuevo Creek	363	X20	Bear Canyon	81-C			Eocene
10312	Rancho Nuevo Creek	363	X21	Bear Canyon	81-C			Eocene
10313	Rancho Nuevo Creek	363	X22	Bear Canyon	81-C			Eocene
10314	Rancho Nuevo Creek	363	X23	Bear Canyon	81-C			Eocene
10315	Rancho Nuevo Creek	363	X24	Bear Canyon	81-C			Eocene
10316	Rancho Nuevo Creek	363	X25	Bear Canyon	81-C			Eocene
10317	Rancho Nuevo Creek	364	1	SE part of quad	72-D	age from strat	column	early Miocene lower Saucesian Stage
10318	Rancho Nuevo Creek	364	2	SE part of quad	72-D			early Miocene lower Saucesian Stage
10319	Rancho Nuevo Creek	364	3	SE part of quad	72-D			early Miocene lower Saucesian Stage
10320	Rancho Nuevo Creek	364	4	SE part of quad	72-D			early Miocene lower Saucesian Stage
10321	Rancho Nuevo Creek	364	5	SE part of quad	72-D			early Miocene lower Saucesian Stage
10322	Rancho Nuevo Creek	364	6	SE part of quad	72-D			early Miocene lower Saucesian Stage
10323	Rancho Nuevo Creek	364	7	SE part of quad	72-D			early Miocene lower Saucesian Stage
10324	Rancho Nuevo Creek	364	8	SE part of quad	72-D			early Miocene lower Saucesian Stage
10325	Rancho Nuevo Creek	364	9	SE part of quad	72-D			early Miocene lower Saucesian Stage
10326	Rancho Nuevo Creek	364	10	SE part of quad	72-D			early Miocene lower Saucesian Stage
10327	Rancho Nuevo Creek	364	11	SE part of quad	72-D			early Miocene lower Saucesian Stage
10328	Rancho Nuevo Creek	364	12	SE part of quad	72-D			early Miocene lower Saucesian Stage
10329	Rancho Nuevo Creek	364	13	SE part of quad	72-D			early Miocene upper Saucesian Stage
10330	Rancho Nuevo Creek	364	14	SE part of quad	72-D			early Miocene upper Saucesian Stage
10331	Rancho Nuevo Creek	364	15	SE part of quad	72-D			early Miocene upper Saucesian Stage
10332	Rancho Nuevo Creek	364	16	SE part of quad	72-D			early Miocene upper Saucesian Stage
10333	Rancho Nuevo Creek	364	17	SE part of quad	72-D			early Miocene upper Saucesian Stage
10334	Rancho Nuevo Creek	364	18	SE part of quad	72-D			early Miocene upper Saucesian Stage
10335	Rancho Nuevo Creek	364	19	SE part of quad	72-D			early Miocene upper Saucesian Stage
10336	Rancho Nuevo Creek	364	20	SE part of quad	72-D			early Miocene upper Saucesian Stage
10337	Rancho Nuevo Creek	364	21	SE part of quad	72-D			early Miocene upper Saucesian Stage
10338	Rancho Nuevo Creek	364	22	SE part of quad	72-D			early Miocene upper Saucesian Stage
10339	Rancho Nuevo Creek	364	23	SE part of quad	72-D			early Miocene upper Saucesian Stage
10340	Rancho Nuevo Creek	364	24	SE part of quad	72-D			early Miocene upper Saucesian Stage
10341	Rancho Nuevo Creek	364	25	SE part of quad	72-D			early Miocene upper Saucesian Stage
10342	Rancho Nuevo Creek	364	26	SE part of quad	72-D			early Miocene upper Saucesian Stage
10343	Rancho Nuevo Creek	364	27	SE part of quad	72-D			early Miocene upper Saucesian Stage
10344	Rancho Nuevo Creek	364	28	SE part of quad	72-D			early Miocene upper Saucesian Stage
10345	Rancho Nuevo Creek	364	29	SE part of quad	72-D			early Miocene upper Saucesian Stage
10346	Rancho Nuevo Creek	364	30	SE part of quad	72-D			early Miocene upper Saucesian Stage
10347	Rancho Nuevo Creek	364	31	SE part of quad	72-D			early Miocene upper Saucesian Stage
10348	Rancho Nuevo Creek	364	32	SE part of quad	72-D			early Miocene upper Saucesian Stage
10349	Rancho Nuevo Creek	364	33	SE part of quad	72-D			early Miocene lower Relizian Stage
10350	Rancho Nuevo Creek	364	34	SE part of quad	72-D			early Miocene lower Relizian Stage
10351	Rancho Nuevo Creek	364	35	SE part of quad	72-D			early Miocene lower Relizian Stage
10352	Rancho Nuevo Creek	364	36	SE part of quad	72-D			early Miocene lower Relizian Stage
10353	Rancho Nuevo Creek	364	37	SE part of quad	72-D			early Miocene lower Relizian Stage
10354	Rancho Nuevo Creek	364	38	SE part of quad	72-D			early Miocene lower Relizian Stage
10355	Rancho Nuevo Creek	364	39	SE part of quad	72-D			early Miocene lower Relizian Stage
10356	Rancho Nuevo Creek	364	40	SE part of quad	72-D			early Miocene lower Relizian Stage
10357	Rancho Nuevo Creek	364	41	SE part of quad	72-D			early Miocene lower Relizian Stage
10358	Rancho Nuevo Creek	364	42	SE part of quad	72-D			early Miocene lower Relizian Stage
10359	Rancho Nuevo Creek	364	43	SE part of quad	72-D			early Miocene lower Relizian Stage
10360	Rancho Nuevo Creek	364	44	SE part of quad	72-D			early Miocene lower Relizian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
10361	Rancho Nuevo Creek	364	45	SE part of quad	72-D			early Miocene lower Relizian Stage
10362	Rancho Nuevo Creek	364	46	SE part of quad	72-D			early Miocene lower Relizian Stage
10363	Rancho Nuevo Creek	364	47	SE part of quad	72-D			early Miocene lower Relizian Stage
10364	Rancho Nuevo Creek	364	48	SE part of quad	72-D			early Miocene lower Relizian Stage
10365	Rancho Nuevo Creek	364	49	SE part of quad	72-D			early Miocene lower Relizian Stage
10366	Rancho Nuevo Creek	364	310	SE part of quad	76-K	Llagas Formation	Age from	Eocene
10367	Rancho Nuevo Creek	364	311	SE part of quad	76-K	Llagas Formation	Weaver	Eocene
10368	Rancho Nuevo Creek	364	312	SE part of quad	76-K	Llagas Formation		Eocene
10369	Rancho Nuevo Creek	364	313	SE part of quad	76-K	Llagas Formation		Eocene
10370	Rancho Nuevo Creek	364	314	SE part of quad	76-K	Llagas Formation		Eocene
10371	Rancho Nuevo Creek	364	315	SE part of quad	76-K	Llagas Formation		Eocene
10372	Rancho Nuevo Creek	364	316	SE part of quad	76-K	Llagas Formation		Eocene
10373	Rancho Nuevo Creek	364	317	SE part of quad	76-K	Llagas Formation		Eocene
10374	Rancho Nuevo Creek	364	318	SE part of quad	76-K	Llagas Formation		Eocene
10375	Rancho Nuevo Creek	364	319	SE part of quad	76-K	Llagas Formation		Eocene
10376	Rancho Nuevo Creek	364	320	SE part of quad	76-K	Llagas Formation		Eocene
10377	Rancho Nuevo Creek	364	321	SE part of quad	76-K	Llagas Formation		Eocene
10378	Rancho Nuevo Creek	364	322	SE part of quad	76-K	Llagas Formation		Eocene
10379	Rancho Nuevo Creek	364	323	SE part of quad	76-K	Llagas Formation		Eocene
10380	Rancho Nuevo Creek	364	324	SE part of quad	76-K	Llagas Formation		Eocene
10381	Rancho Nuevo Creek	364	525	SE part of quad	76-K	Llagas Formation		Eocene
10382	Rancho Nuevo Creek	364	326	SE part of quad	76-K	Llagas Formation		Eocene
10383	Rancho Nuevo Creek	364	327	SE part of quad	76-K	Llagas Formation		Eocene
10384	Rancho Nuevo Creek	364	328	SE part of quad	76-K	Llagas Formation		Eocene
10385	Thousand Oaks	365	2	Greenwich Village	48-H			Miocene
10386	Thousand Oaks	365	3	Greenwich Village	48-H			Miocene
10387	Thousand Oaks	365	4	Greenwich Village	48-H			Miocene
10388	Thousand Oaks	365	7	Greenwich Village	48-H			Miocene
10389	Thousand Oaks	365	B2	Greenwich Village	48-H			no paleo data
10390	Whittier	366	1	NE corner of quad	65-G			middle and late Miocene Mohnian? Stage
10391	Whittier	366	2	NE corner of quad	65-G			late Miocene Delmontian? Stage
10392	Oat Mountain	368	1	Wiley Canyon	48-H			middle and late Miocene Mohnian Stage
10393	Oat Mountain	368	6	Wiley Canyon	48-H			middle and late Miocene Mohnian Stage
10394	Wilson Corner	370	1	NW part of quad	88-A	21/28S/14E		middle Miocene Luisian Stage (type)
10395	Wilson Corner	370	2	NW part of quad	88-A	type Luisian. Have		middle Miocene Luisian Stage (type)
10396	Wilson Corner	370	3	NW part of quad	88-A	strat column and		middle Miocene Luisian Stage (type)
10397	Wilson Corner	370	4	NW part of quad	88-A	foram check list		middle Miocene Luisian Stage (type)
10398	Wilson Corner	370	5	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10399	Wilson Corner	370	6	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10400	Wilson Corner	370	7	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10401	Wilson Corner	370	8	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10402	Wilson Corner	370	9	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10403	Wilson Corner	370	10	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10404	Wilson Corner	370	11	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10405	Wilson Corner	370	12	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10406	Wilson Corner	370	13	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10407	Wilson Corner	370	14	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10408	Wilson Corner	370	15	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10409	Wilson Corner	370	16	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10410	Wilson Corner	370	17	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10411	Wilson Corner	370	18	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10412	Wilson Corner	370	19	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10413	Wilson Corner	370	20	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10414	Wilson Corner	370	21	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10415	Wilson Corner	370	22	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10416	Wilson Corner	370	23	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10417	Wilson Corner	370	24	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10418	Wilson Corner	370	25	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10419	Wilson Corner	370	26	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10420	Wilson Corner	370	27	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10421	Wilson Corner	370	28	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10422	Wilson Corner	370	29	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10423	Wilson Corner	370	30	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10424	Wilson Corner	370	31	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10425	Wilson Corner	370	32	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10426	Wilson Corner	370	33	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10427	Wilson Corner	370	34	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10428	Wilson Corner	370	35	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10429	Wilson Corner	370	36	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10430	Wilson Corner	370	37	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10431	Wilson Corner	370	slide 1	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10432	Wilson Corner	370	slide 2	NW part of quad	88-A	Pozo 15'	Relizian Stage	middle Miocene Luisian Stage (type)
10433	Wilson Corner	370	slide 3	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)
10434	Wilson Corner	370	slide 4	NW part of quad	88-A	Pozo 15'		middle Miocene Luisian Stage (type)

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
10435	Reyes Peak	373	1	Pine Mountain	44-H	See strat column	not on map	Eocene
10436	Reyes Peak	373	2	Pine Mountain	44-H	for loc 357. Says	not on map	Eocene
10437	Reyes Peak	373	4	Pine Mountain	44-H	this locality on	not on map	Eocene
10438	Reyes Peak	373	5	Pine Mountain	44-H	north side Pine	not on map	Eocene
10439	Reyes Peak	373	6	Pine Mountain	44-H	Mtn. But 373 is in	not on map	Eocene
10440	Reyes Peak	373	8	Pine Mountain	44-H	Sawmill Mtn quad	not on map	Eocene
10441	Reyes Peak	373	9	Pine Mountain	44-H	Duplicated	not on map	Eocene
10442	Reyes Peak	373	10	Pine Mountain	44-H	numbers?	not on map	Eocene
10443	Reyes Peak	373	11	Pine Mountain	44-H		not on map	Eocene
10444	Reyes Peak	373	12	Pine Mountain	44-H		not on map	Eocene
10445	Reyes Peak	373	13	Pine Mountain	44-H		not on map	Eocene
10446	Reyes Peak	373	14	Pine Mountain	44-H		not on map	Eocene
10447	Reyes Peak	373	15	Pine Mountain	44-H		not on map	Eocene
10448	Reyes Peak	373	16	Pine Mountain	44-H		not on map	Eocene
10449	Reyes Peak	373	17	Pine Mountain	44-H		not on map	Eocene
10450	Reyes Peak	373	18	Pine Mountain	44-H		not on map	Eocene
10451	Reyes Peak	373	18	Pine Mountain	44-H		not on map	Eocene
10452	Reyes Peak	373	20	Pine Mountain	44-H		not on map	Eocene
10453	Reyes Peak	373	21	Pine Mountain	44-H		not on map	Eocene
10454	Reyes Peak	373	22	Pine Mountain	44-H		not on map	Eocene
10455	Reyes Peak	373	23	Pine Mountain	44-H		not on map	Eocene
10456	Reyes Peak	373	24	Pine Mountain	44-H		not on map	Eocene
10457	Reyes Peak	373	25	Pine Mountain	44-H		not on map	Eocene
10458	Reyes Peak	373	26	Pine Mountain	44-H		not on map	Eocene
10459	Reyes Peak	373	27	Pine Mountain	44-H		not on map	Eocene
10460	Reyes Peak	373	28	Pine Mountain	44-H		not on map	Eocene
10461	Reyes Peak	373	29	Pine Mountain	44-H		not on map	Eocene
10462	Reyes Peak	373	30	Pine Mountain	44-H		not on map	Eocene
10463	Reyes Peak	373	31	Pine Mountain	44-H		not on map	Eocene
10464	Reyes Peak	373	32	Pine Mountain	44-H		not on map	Eocene
10465	Reyes Peak	373	33	Pine Mountain	44-H		not on map	Eocene
10466	Reyes Peak	373	34	Pine Mountain	44-H		not on map	Eocene
10467	Reyes Peak	373	35	Pine Mountain	44-H		not on map	Eocene
10468	Reyes Peak	373	36	Pine Mountain	44-H		not on map	Eocene
10469	Reyes Peak	373	37	Pine Mountain	44-H		not on map	Eocene
10470	Reyes Peak	373	38	Pine Mountain	44-H		not on map	Eocene
10471	Reyes Peak	373	39	Pine Mountain	44-H		not on map	Eocene
10472	Reyes Peak	373	40	Pine Mountain	44-H		not on map	Eocene
10473	Reyes Peak	373	41	Pine Mountain	44-H		not on map	Eocene
10474	Reyes Peak	373	42	Pine Mountain	44-H		not on map	Eocene
10475	Reyes Peak	373	43	Pine Mountain	44-H		not on map	Eocene
10476	Reyes Peak	373	44	Pine Mountain	44-H		not on map	Eocene
10477	Reyes Peak	373	45	Pine Mountain	44-H		not on map	Eocene
10478	Reyes Peak	373	46	Pine Mountain	44-H		not on map	Eocene
10479	Reyes Peak	373	48	Pine Mountain	44-H		not on map	Eocene
10480	Reyes Peak	373	49	Pine Mountain	44-H		not on map	Eocene
10481	Reyes Peak	373	50	Pine Mountain	44-H		not on map	Eocene
10482	Reyes Peak	373	51	Pine Mountain	44-H		not on map	Eocene
10483	Reyes Peak	373	52	Pine Mountain	44-H		not on map	Eocene
10484	Reyes Peak	373	53	Pine Mountain	44-H		not on map	Eocene
10485	Sawmill Mountain	373	12	SE corner of quad	no slide	some data in 357	strat column	Eocene
10486	Lockwood Valley?	378	1	not on map	82-H	Piru-Cuyama anti-		middle Eocene A-2 Zone
10487	Lockwood Valley?	378	2	not on map	82-H	cline on slide. 378		middle Eocene A-2 Zone
10488	Lockwood Valley?	378	3	not on map	82-H	shows in strat col		middle Eocene A-2 Zone
10489	Lockwood Valley?	378	4	not on map	82-H	locality 391		middle Eocene A-2 Zone
10490	Lockwood Valley?	378	5	not on map	82-H			middle Eocene A-2 Zone
10491	Lockwood Valley?	378	6	not on map	82-H			middle Eocene A-2 Zone
10492	Lockwood Valley?	378	7	not on map	82-H			middle Eocene A-2 Zone
10493	Lockwood Valley?	378	8	not on map	82-H			middle Eocene A-2 Zone
10494	Lockwood Valley?	378	9	not on map	82-H			middle Eocene A-2 Zone
10495	Lockwood Valley?	378	10	not on map	82-H			middle Eocene A-2 Zone
10496	Lockwood Valley?	378	11	not on map	82-H			middle Eocene A-2 Zone
10497	Lockwood Valley?	378	16	not on map	82-H			middle Eocene A-2 Zone
10498	Lockwood Valley?	378	18	not on map	82-H			middle Eocene A-2 Zone
10499	Lockwood Valley?	378	26	not on map	82-H			middle Eocene A-2 Zone
10500	Lockwood Valley?	378	27	not on map	82-H			middle Eocene A-2 Zone
10501	Lockwood Valley?	378	28	not on map	82-H			middle Eocene A-2 Zone
10502	Lockwood Valley?	378	29	not on map	82-H			middle Eocene A-2 Zone
10503	Lockwood Valley?	378	30	not on map	82-H			middle Eocene A-2 Zone
10504	Lockwood Valley?	378	31	not on map	82-H			middle Eocene A-2 Zone
10505	Lockwood Valley?	378	32	not on map	82-H			middle Eocene A-2 Zone
10506	Lockwood Valley?	378	33	not on map	82-H			middle Eocene A-2 Zone
10507	Lockwood Valley?	378	35	not on map	82-H			middle Eocene A-2 Zone
10508	Lockwood Valley?	378	37	not on map	82-H			middle Eocene A-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
10509	Lockwood Valley?	378	40	not on map	82-H			middle Eocene A-2 Zone
10510	Lockwood Valley?	378	41	not on map	82-H			middle Eocene A-2 Zone
10511	Lockwood Valley?	378	42	not on map	82-H			middle Eocene A-2 Zone
10512	Lockwood Valley?	378	44	not on map	82-H			middle Eocene A-2 Zone
10513	Lockwood Valley?	378	45	not on map	82-H			middle Eocene A-2 Zone
10514	Wheeler Springs	382	1	WC part of quad	82-H	see loc **357** for		middle Eocene A-2 Zone
10515	Wheeler Springs	382	2	WC part of quad	82-H	strat column		middle Eocene A-2 Zone
10516	Wheeler Springs	382	3	WC part of quad	82-H	Tule Creek on		middle Eocene A-2 Zone
10517	Wheeler Springs	382	5	WC part of quad	82-H	slide. But this		middle Eocene A-2 Zone
10518	Wheeler Springs	382	9	WC part of quad	82-H	creek is east of		middle Eocene A-2 Zone
10519	Wheeler Springs	382	11	WC part of quad	82-H	382		middle Eocene A-2 Zone
10520	Wheeler Springs	382	18	WC part of quad	82-H			middle Eocene A-2 Zone
10521	Wheeler Springs	382	20	WC part of quad	82-H			middle Eocene A-2 Zone
10522	Wheeler Springs	382	21	WC part of quad	82-H			middle Eocene A-2 Zone
10523	Wheeler Springs	382	22	WC part of quad	82-H			middle Eocene A-2 Zone
10524	Wheeler Springs	382	23	WC part of quad	82-H			middle Eocene A-2 Zone
10525	Wheeler Springs	382	24	WC part of quad	82-H			middle Eocene A-2 Zone
10526	Wheeler Springs	382	25	WC part of quad	82-H			middle Eocene A-2 Zone
10527	Wheeler Springs	382	27	WC part of quad	82-H			middle Eocene A-2 Zone
10528	Wheeler Springs	382	31	WC part of quad	82-H			middle Eocene A-2 Zone
10529	Wheeler Springs	382	33	WC part of quad	82-H			middle Eocene A-2 Zone
10530	Wheeler Springs	382	1A	WC part of quad	82-H			middle Eocene A-2 Zone
10531	Wheeler Springs	382	2A	WC part of quad	82-H			middle Eocene A-2 Zone
10532	Wheeler Springs	382	3A	WC part of quad	82-H			middle Eocene A-2 Zone
10533	Wheeler Springs	382	4A	WC part of quad	82-H			middle Eocene A-2 Zone
10534	Wheeler Springs	382	5A	WC part of quad	82-H			middle Eocene A-2 Zone
10535	Whitaker Peak	382	1	EC part of quad	49-J	old Violin Cyn Q		probably late Miocene
10536	Whitaker Peak	382	2	EC part of quad	49-J	old Violin Cyn Q		probably late Miocene
10537	Whitaker Peak	382	3	EC part of quad	49-J	old Violin Cyn Q		probably late Miocene
10538	Whitaker Peak	382	4	EC part of quad	49-J	old Violin Cyn Q		probably late Miocene
10539	Whitaker Peak	382	5	EC part of quad	49-J	old Violin Cyn Q		probably late Miocene
10540	Whitaker Peak	382	6	EC part of quad	49-J	old Violin Cyn Q		probably late Miocene
10541	Whitaker Peak	382	7	EC part of quad	49-J	old Violin Cyn Q		probably late Miocene
10542	Whitaker Peak	382	8	EC part of quad	49-J	old Violin Cyn Q		probably late Miocene
10543	Whitaker Peak	382	9	EC part of quad	49-J	old Violin Cyn Q		probably late Miocene
10544	Whitaker Peak	382	10	EC part of quad	49-J	old Violin Cyn Q		probably late Miocene
10545	Whitaker Peak	382	11	EC part of quad	49-J	old Violin Cyn Q		probably late Miocene
10546	Whitaker Peak	382	12	EC part of quad	49-J	old Violin Cyn Q		probably late Miocene
10547	Whitaker Peak	382	13	EC part of quad	49-J	old Violin Cyn Q		probably late Miocene
10548	Whitaker Peak	382	14	EC part of quad	49-J	old Violin Cyn Q		probably late Miocene
10549	Whitaker Peak	382	15	EC part of quad	49-J	old Violin Cyn Q		probably late Miocene
10550	Whitaker Peak	382	16	EC part of quad	49-J	old Violin Cyn Q		probably late Miocene
10551	Whitaker Peak	382	16A	EC part of quad	49-J	old Violin Cyn Q		probably late Miocene
10552	Whitaker Peak	382	17	EC part of quad	49-J	old Violin Cyn Q		probably late Miocene
10553	Warm Springs Mtn	384	1	Necktie Canyon	50-F	Formerly part of	Age based on	probably Pliocene
10554	Warm Springs Mtn	384	2	Necktie Canyon	50-F	Violin Canyon Quad	clam Arca	probably Pliocene
10555	Warm Springs Mtn	384	3	Necktie Canyon	50-F		trilineata	probably Pliocene
10556	Warm Springs Mtn	384	4	Necktie Canyon	50-F			probably Pliocene
10557	Warm Springs Mtn	384	5	Necktie Canyon	50-F			probably Pliocene
10558	Warm Springs Mtn	384	6	Necktie Canyon	50-F			probably Pliocene
10559	Warm Springs Mtn	384	7	Necktie Canyon	50-F			probably Pliocene
10560	Warm Springs Mtn	384	8	Necktie Canyon	50-F			probably Pliocene
10561	Warm Springs Mtn	384	9	Necktie Canyon	50-F			probably Pliocene
10562	Warm Springs Mtn	384	10	Necktie Canyon	50-F			probably Pliocene
10563	Warm Springs Mtn	384	11	Necktie Canyon	50-F			probably Pliocene
10564	Whitaker Peak	384	12	Castaic Creek	50-F			probably Pliocene
10565	Mint Canyon	386	1	SC part of quad	56-B			Pliocene
10566	Mint Canyon	386	2	SC part of quad	56-B			Pliocene
10567	Mint Canyon	386	3	SC part of quad	56-B			Pliocene
10568	Mint Canyon	386	4	SC part of quad	56-B			Pliocene
10569	Mint Canyon	386	5	SC part of quad	56-B			Pliocene
10570	Mint Canyon	386	7	SC part of quad	56-B			Pliocene
10571	Lockwood Valley	391	10	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone
10572	Lockwood Valley	391	25	Upper Piru Creek	45-J	see loc **357**		middle Eocene A-2 Zone
10573	Lockwood Valley	391	27	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone
10574	Lockwood Valley	391	34	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone
10575	Lockwood Valley	391	35	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone
10576	Lockwood Valley	391	36	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone
10577	Lockwood Valley	391	37	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone
10578	Lockwood Valley	391	38	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone
10579	Lockwood Valley	391	39	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone
10580	Lockwood Valley	391	40	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone
10581	Lockwood Valley	391	41	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone
10582	Lockwood Valley	391	42	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone

	A	B	C	D	E	F	G	H
1	**USGS 7.5' QUAD**	**LOC #**	**SUB**	**GENERAL LOCATION**	**SLIDE #**	**MISCELLANEOUS**	**MISC**	**ZONE/STAGE/SERIES/AGE**
10583	Lockwood Valley	391	44	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone
10584	Lockwood Valley	391	45	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone
10585	Lockwood Valley	391	46	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone
10586	Lockwood Valley	391	49	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone
10587	Lockwood Valley	391	51	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone
10588	Lockwood Valley	391	52	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone
10589	Lockwood Valley	391	55	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone
10590	Lockwood Valley	391	56	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone
10591	Lockwood Valley	391	58	Upper Piru Creek	45-J	strat column		middle Eocene A-2 Zone
10592	Lockwood Valley	391	59	Upper Piru Creek	45-K	strat column		middle Eocene A-2 Zone
10593	Lockwood Valley	391	60	Upper Piru Creek	45-K	strat column		middle Eocene A-2 Zone
10594	Lockwood Valley	391	61	Upper Piru Creek	45-K	strat column		middle Eocene A-2 Zone
10595	Lockwood Valley	391	62A	Upper Piru Creek	45-K	strat column		middle Eocene A-2 Zone
10596	Lockwood Valley	391	1A	Upper Piru Creek	45-K	strat column		middle Eocene A-2 Zone
10597	Lockwood Valley	391	2A	Upper Piru Creek	45-K	strat column		middle Eocene A-2 Zone
10598	Lockwood Valley	391	3A	Upper Piru Creek	45-K	strat column		middle Eocene A-2 Zone
10599	Lockwood Valley	391	4A	Upper Piru Creek	45-K	strat column		middle Eocene A-2 Zone
10600	Lockwood Valley	391	6A	Upper Piru Creek	45-K	strat column		middle Eocene A-2 Zone
10601	Lockwood Valley	391	8A	Upper Piru Creek	45-K	strat column		middle Eocene A-2 Zone
10602	Lockwood Valley	393	1	Upper Piru Creek	88-D	see loc **357**		middle Eocene A-2 Zone
10603	Lockwood Valley	393	2	Upper Piru Creek	88-D	strat column		middle Eocene A-2 Zone
10604	Lockwood Valley	393	3	Upper Piru Creek	88-D	strat column		middle Eocene A-2 Zone
10606	Lockwood Valley	393	5	Upper Piru Creek	88-C	strat column		middle Eocene A-2 Zone
10607	Lockwood Valley	393	6	Upper Piru Creek	88-C	strat column		middle Eocene A-2 Zone
10608	Lockwood Valley	393	7	Upper Piru Creek	88-C	strat column		middle Eocene A-2 Zone
10609	Lockwood Valley	393	8	Upper Piru Creek	88-C	strat column		middle Eocene A-2 Zone
10610	Lockwood Valley	393	9	Upper Piru Creek	88-C	strat column		middle Eocene A-2 Zone
10611	Lockwood Valley	393	10	Upper Piru Creek	88-C	strat column		middle Eocene A-2 Zone
10612	Lockwood Valley	393	11	Upper Piru Creek	88-C	strat column		middle Eocene A-2 Zone
10613	Lockwood Valley	393	13	Upper Piru Creek	88-C	strat column		middle Eocene A-2 Zone
10614	Lockwood Valley	393	14	Upper Piru Creek	88-C	strat column		middle Eocene A-2 Zone
10615	Lockwood Valley	393	15	Upper Piru Creek	88-C	strat column		middle Eocene A-2 Zone
10616	Lockwood Valley	393	16	Upper Piru Creek	88-C	strat column		middle Eocene A-2 Zone
10617	Lockwood Valley	393	17	Upper Piru Creek	88-C	strat column		middle Eocene A-2 Zone
10618	Lockwood Valley	393	18	Upper Piru Creek	88-C	strat column		middle Eocene A-2 Zone
10619	Lockwood Valley	393	19	Upper Piru Creek	88-C	strat column		middle Eocene A-2 Zone
10620	Lockwood Valley	393	20	Upper Piru Creek	88-C	strat column		middle Eocene A-2 Zone
10621	Lockwood Valley	393	21	Upper Piru Creek	88-C	strat column		middle Eocene A-2 Zone
10622	Lockwood Valley	393	22	Upper Piru Creek	88-C	strat column		middle Eocene A-2 Zone
10623	Lockwood Valley	393	23	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10624	Lockwood Valley	393	24	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10625	Lockwood Valley	393	25	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10626	Lockwood Valley	393	26	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10627	Lockwood Valley	393	27	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10628	Lockwood Valley	393	28	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10629	Lockwood Valley	393	29	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10630	Lockwood Valley	393	30	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10631	Lockwood Valley	393	31	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10632	Lockwood Valley	393	32	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10633	Lockwood Valley	393	33	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10634	Lockwood Valley	393	34	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10635	Lockwood Valley	393	35	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10636	Lockwood Valley	393	36	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10637	Lockwood Valley	393	37	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10638	Lockwood Valley	393	38	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10639	Lockwood Valley	393	39	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10640	Lockwood Valley	393	40	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10641	Lockwood Valley	393	41	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10642	Lockwood Valley	393	42	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10643	Lockwood Valley	393	43	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10644	Lockwood Valley	393	44	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10645	Lockwood Valley	393	45	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10646	Lockwood Valley	393	46	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10647	Lockwood Valley	393	47	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10648	Lockwood Valley	393	48	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10649	Lockwood Valley	393	49	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10650	Lockwood Valley	393	50	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10651	Lockwood Valley	393	51	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10652	Lockwood Valley	393	52	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10653	Lockwood Valley	393	53	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10654	Lockwood Valley	393	54	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10655	Lockwood Valley	393	55	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10656	Lockwood Valley	393	56	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10657	Lockwood Valley	393	57	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
10658	Lockwood Valley	393	58	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10659	Lockwood Valley	393	59	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10660	Lockwood Valley	393	60	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10661	Lockwood Valley	393	61	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10662	Lockwood Valley	393	62	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10663	Lockwood Valley	393	63	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10664	Lockwood Valley	393	64	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10665	Lockwood Valley	393	65	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10666	Lockwood Valley	393	66	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10667	Lockwood Valley	393	67	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10668	Lockwood Valley	393	68	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10669	Lockwood Valley	393	69	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10670	Lockwood Valley	393	70	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10671	Lockwood Valley	393	71	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10672	Lockwood Valley	393	72	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10673	Lockwood Valley	393	73	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10674	Lockwood Valley	393	74	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10675	Lockwood Valley	393	75	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10676	Lockwood Valley	393	76	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10677	Lockwood Valley	393	77	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10678	Lockwood Valley	393	78	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10679	Lockwood Valley	393	79	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10680	Lockwood Valley	393	80	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10681	Lockwood Valley	393	81	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10682	Lockwood Valley	393	83	Upper Piru Creek	88-E	strat column		middle Eocene A-2 Zone
10683	Lockwood Valley	393	84	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10684	Lockwood Valley	393	87	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10685	Lockwood Valley	393	88	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10686	Lockwood Valley	393	89	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10687	Lockwood Valley	393	90	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10688	Lockwood Valley	393	91	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10689	Lockwood Valley	393	93	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10690	Lockwood Valley	393	94	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10691	Lockwood Valley	393	95	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10692	Lockwood Valley	393	96	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10693	Lockwood Valley	393	97	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10694	Lockwood Valley	393	98	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10695	Lockwood Valley	393	99	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10696	Lockwood Valley	393	100	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10697	Lockwood Valley	393	101	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10698	Lockwood Valley	393	102	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10699	Lockwood Valley	393	103	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10700	Lockwood Valley	393	104	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10701	Lockwood Valley	393	105	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10702	Lockwood Valley	393	106	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10703	Lockwood Valley	393	107	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10704	Lockwood Valley	393	108	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10705	Lockwood Valley	393	109	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10706	Lockwood Valley	393	110	Upper Piru Creek	88-F	strat column		middle Eocene A-2 Zone
10707	Antioch South	396	86	Oakley drill holes	90-F	seismic hole # 1	auger	middle Eocene A Zone
10708	Antioch South	396	90	Oakley drill holes	90-F	seismic hole # 1	auger	middle Eocene A Zone
10709	Antioch South	396	100	Oakley drill holes	90-F	seismic hole # 1	auger	middle Eocene A Zone
10710	Antioch South	396	85	Oakley drill holes	90-F	seismic hole # 2	auger	middle Eocene A Zone
10711	Antioch South	396	90	Oakley drill holes	90-F	seismic hole	auger	middle Eocene A Zone
10712	Antioch South	396	85	Oakley drill holes	90-F	seismic hole # 3	auger	middle Eocene A Zone
10713	Antioch South	396	80	Oakley drill holes	90-F	seismic hole # 5	auger	middle Eocene A Zone
10714	Antioch South	396	90	Oakley drill holes	90-F	seismic hole	auger	middle Eocene A Zone
10715	Antioch South	396	65	Oakley drill holes	90-F	seismic hole # 6	auger	middle Eocene A Zone
10716	Antioch South	396	70	Oakley drill holes	90-F	seismic hole	auger	middle Eocene A Zone
10717	Antioch South	396	85	Oakley drill holes	90-F	seismic hole	auger	middle Eocene A Zone
10718	Antioch South	396	15	Oakley drill holes	90-F	seismic hole # 10	auger	middle Eocene A Zone
10719	Antioch South	396	10	Oakley drill holes	90-F	seismic hole	auger	middle Eocene A Zone
10720	Antioch South	396	20	Oakley drill holes	90-F	seismic hole	auger	middle Eocene A Zone
10721	Antioch South	396	10	Oakley drill holes	90-F	seismic hole # 11	auger	middle Eocene A Zone
10722	Antioch South	396	15	Oakley drill holes	90-F	seismic hole	auger	middle Eocene A Zone
10723	Antioch South	396	20	Oakley drill holes	90-F	seismic hole	auger	middle Eocene A Zone
10724	Antioch South	396	10	Oakley drill holes	90-F	seismic hole # 12	auger	middle Eocene A Zone
10725	Antioch South	396	15	Oakley drill holes	90-F	seismic hole	auger	middle Eocene A Zone
10726	Antioch South	396	20	Oakley drill holes	90-F	seismic hole	auger	middle Eocene A Zone
10727	Antioch South	396	10	Oakley drill holes	90-F	seismic hole # 13	auger	middle Eocene A Zone
10728	Antioch South	396	15	Oakley drill holes	90-F	seismic hole	auger	middle Eocene A Zone
10729	Antioch South	396	20	Oakley drill holes	90-F	seismic hole	auger	middle Eocene A Zone
10730	Antioch South	396	5	Oakley drill holes	90-F	seismic hole # 15	auger	middle Eocene A Zone
10731	Antioch South	396	10	Oakley drill holes	90-F	seismic hole # 16	auger	middle Eocene A Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
10732	Antioch South	396	15	Oakley drill holes	90-F	seismic hole	auger	middle Eocene A Zone
10733	Antioch South	396	20	Oakley drill holes	90-F	seismic hole	auger	middle Eocene A Zone
10734	Antioch South	396	10	Oakley drill holes	90-F	seismic hole # 17	auger	middle Eocene A Zone
10735	Antioch South	396	20	Oakley drill holes	90-F	seismic hole	auger	middle Eocene A Zone
10736	Antioch South	396	15	Oakley drill holes	90-F	seismic hole # 18	auger	middle Eocene A Zone
10737	Antioch South	396	30	Oakley drill holes	90-F	seismic hole #	auger	middle Eocene A Zone
10738	Antioch South	396	20	Oakley drill holes	90-F	seismic hole # 19	auger	middle Eocene A Zone
10739	Antioch South	396	25	Oakley drill holes	90-F	seismic hole #	auger	middle Eocene A Zone
10740	Antioch South	396	30	Oakley drill holes	90-F	seismic hole #	auger	middle Eocene A Zone
10741	Antioch South	396	35	Oakley drill holes	90-F	seismic hole # 20	auger	middle Eocene A Zone
10742	Antioch South	396	60	Oakley drill holes	90-F	seismic hole # 21	auger	middle Eocene A Zone
10743	Antioch South	396	65	Oakley drill holes	90-F	seismic hole #	auger	middle Eocene A Zone
10744	Antioch South	396	70	Oakley drill holes	90-F	seismic hole #	auger	middle Eocene A Zone
10745	Antioch South	396	40	Oakley drill holes	90-F	seismic hole # 22	auger	middle Eocene A Zone
10746	Antioch South	396	50	Oakley drill holes	90-F	seismic hole #	auger	middle Eocene A Zone
10747	Antioch South	396	55	Oakley drill holes	90-F	seismic hole #	auger	middle Eocene A Zone
10748	Antioch South	396	60	Oakley drill holes	90-F	seismic hole #	auger	middle Eocene A Zone
10749	Antioch South	396	35	Oakley drill holes	90-F	seismic hole # 23	auger	middle Eocene A Zone
10750	Antioch South	396	45	Oakley drill holes	90-F	seismic hole #	auger	middle Eocene A Zone
10751	Antioch South	396	40	Oakley drill holes	90-F	seismic hole # 24	auger	middle Eocene A Zone
10752	Antioch South	396	50	Oakley drill holes	90-F	seismic hole # 25	auger	middle Eocene A Zone
10753	Antioch South	396	55	Oakley drill holes	90-F	seismic hole #	auger	middle Eocene A Zone
10754	Antioch South	396	60	Oakley drill holes	90-G	seismic hole #	auger	middle Eocene A Zone
10755	Antioch South	396	25	Oakley drill holes	90-G	seismic hole # 26	auger	middle Eocene A Zone
10756	Antioch South	396	30	Oakley drill holes	90-G	seismic hole #	auger	middle Eocene A Zone
10757	Antioch South	396	35	Oakley drill holes	90-G	seismic hole #	auger	middle Eocene A Zone
10758	Antioch South	396	40	Oakley drill holes	90-G	seismic hole # 27	auger	middle Eocene A Zone
10759	Antioch South	396	45	Oakley drill holes	90-G	seismic hole # 28	auger	middle Eocene A Zone
10760	Antioch South	396	55	Oakley drill holes	90-G	seismic hole #	auger	middle Eocene A Zone
10761	Antioch South	396	60	Oakley drill holes	90-G	seismic hole #	auger	middle Eocene A Zone
10762	Antioch South	396	50	Oakley drill holes	90-G	seismic hole # 29	auger	middle Eocene A Zone
10763	Antioch South	396	65	Oakley drill holes	90-G	seismic hole #	auger	middle Eocene A Zone
10764	Antioch South	396	60	Oakley drill holes	90-G	seismic hole #	auger	middle Eocene A Zone
10765	Antioch South	396	50	Oakley drill holes	90-G	seismic hole # 30	auger	middle Eocene A Zone
10766	Antioch South	396	55	Oakley drill holes	90-G	seismic hole #	auger	middle Eocene A Zone
10767	Antioch South	396	65	Oakley drill holes	90-G	seismic hole #	auger	middle Eocene A Zone
10768	Antioch South	396	70	Oakley drill holes	90-G	seismic hole #	auger	middle Eocene A Zone
10769	Antioch South	396	65	Oakley drill holes	90-G	seismic hole # 31	auger	middle Eocene A Zone
10770	Antioch South	396	60	Oakley drill holes	90-G	seismic hole #	auger	middle Eocene A Zone
10771	Antioch South	396	70	Oakley drill holes	90-G	seismic hole #	auger	middle Eocene A Zone
10772	Brentwood	396	10	Oakley drill holes	90-G	seismic hole # 32	auger	middle Eocene A Zone
10773	Brentwood	396	58	Oakley drill holes	90-G	seismic hole # 34	auger	middle Eocene A Zone
10774	Brentwood	396	60	Oakley drill holes	90-G	seismic hole #	auger	middle Eocene A Zone
10775	San Marcos Pass	396	1	Red Rock Canyon	56-K		Juncal Fm	Eocene
10776	San Marcos Pass	396	2	Red Rock Canyon	56-K		Juncal Fm	Eocene
10777	San Marcos Pass	396	3	Red Rock Canyon	56-K		Juncal Fm	Eocene
10778	San Marcos Pass	396	4	Red Rock Canyon	56-K		Juncal Fm	Eocene
10779	San Marcos Pass	396	5	Red Rock Canyon	56-K		Juncal Fm	Eocene
10780	San Marcos Pass	396	6	Red Rock Canyon	56-K		Juncal Fm	Eocene
10781	San Marcos Pass	396	7	Red Rock Canyon	56-K		Juncal Fm	Eocene
10782	San Marcos Pass	396	8	Red Rock Canyon	56-K		Juncal Fm	Eocene
10783	San Marcos Pass	396	9	Red Rock Canyon	56-K		Juncal Fm	Eocene
10784	San Marcos Pass	396	10	Red Rock Canyon	56-K		Juncal Fm	Eocene
10785	San Marcos Pass	396	11	Red Rock Canyon	56-K		Juncal Fm	Eocene
10786	San Marcos Pass	396	12	Red Rock Canyon	56-K		Juncal Fm	Eocene
10787	San Marcos Pass	396	13	Red Rock Canyon	56-K		Juncal Fm	Eocene
10788	San Marcos Pass	396	14	Red Rock Canyon	56-K		Juncal Fm	Eocene
10789	San Marcos Pass	396	15	Red Rock Canyon	56-K		Juncal Fm	Eocene
10790	Castle Rock Ridge	397	BC1 etc	Bear Creek	91-A	strat column and		Oligocene Zemorrian Stage
10791	Castle Rock Ridge	397	2	Bear Creek	91-A	check list		Oligocene Zemorrian Stage
10792	Castle Rock Ridge	397	3	Bear Creek	91-A			Oligocene Zemorrian Stage
10793	Castle Rock Ridge	397	4	Bear Creek	91-A			Oligocene Zemorrian Stage
10794	Castle Rock Ridge	397	6	Bear Creek	91-A			Oligocene Zemorrian Stage
10795	Castle Rock Ridge	397	6	Bear Creek	91-A			Oligocene Zemorrian Stage
10796	Castle Rock Ridge	397	7	Bear Creek	91-A			Oligocene Zemorrian Stage
10797	Castle Rock Ridge	397	8	Bear Creek	91-A			Oligocene Zemorrian Stage
10798	Castle Rock Ridge	397	9	Bear Creek	91-A			Oligocene Zemorrian Stage
10799	Castle Rock Ridge	397	10	Bear Creek	91-A			Oligocene Zemorrian Stage
10800	Castle Rock Ridge	397	11	Bear Creek	91-A			Oligocene Zemorrian Stage
10801	Castle Rock Ridge	397	12	Bear Creek	91-A			Oligocene Zemorrian Stage
10802	Castle Rock Ridge	397	13	Bear Creek	91-A			Oligocene Zemorrian Stage
10803	Castle Rock Ridge	397	14	Bear Creek	91-A			Oligocene Zemorrian Stage
10804	Castle Rock Ridge	397	15	Bear Creek	91-A			Oligocene Zemorrian Stage
10805	Castle Rock Ridge	397	16	Bear Creek	91-A			Oligocene Zemorrian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
10806	Castle Rock Ridge	397	17	Bear Creek	91-A			Oligocene Zemorrian Stage
10807	Castle Rock Ridge	397	19	Bear Creek	91-A			Oligocene Zemorrian Stage
10808	Castle Rock Ridge	397	20	Bear Creek	91-A			Oligocene Zemorrian Stage
10809	Castle Rock Ridge	397	21	Bear Creek	91-A			Oligocene Zemorrian Stage
10810	Castle Rock Ridge	397	22	Bear Creek	91-A			Oligocene Zemorrian Stage
10811	Castle Rock Ridge	397	23	Bear Creek	91-A			Oligocene Zemorrian Stage
10812	Castle Rock Ridge	397	24	Bear Creek	91-A			Oligocene Zemorrian Stage
10813	Castle Rock Ridge	397	28	Bear Creek	91-A			Oligocene Zemorrian Stage
10814	Castle Rock Ridge	397	29	Bear Creek	91-A			Oligocene Zemorrian Stage
10815	Castle Rock Ridge	397	30	Bear Creek	91-A			Oligocene Zemorrian Stage
10816	Castle Rock Ridge	397	31	Bear Creek	91-A			Oligocene Zemorrian Stage
10817	Castle Rock Ridge	397	32	Bear Creek	91-A			Oligocene Zemorrian Stage
10818	Castle Rock Ridge	397	33	Bear Creek	91-A			Oligocene Zemorrian Stage
10819	Castle Rock Ridge	397	34	Bear Creek	91-A			Oligocene Zemorrian Stage
10820	Castle Rock Ridge	397	35	Bear Creek	91-A			Oligocene Zemorrian Stage
10821	Castle Rock Ridge	397	36	Bear Creek	91-A			Oligocene Zemorrian Stage
10822	Castle Rock Ridge	397	37	Bear Creek	91-A			Oligocene Zemorrian Stage
10823	Castle Rock Ridge	397	39	Bear Creek	91-A			Oligocene Zemorrian Stage
10824	Castle Rock Ridge	397	40	Bear Creek	91-A			Oligocene Zemorrian Stage
10825	Castle Rock Ridge	397	41	Bear Creek	91-A			Oligocene Zemorrian Stage
10826	Castle Rock Ridge	397	42	Bear Creek	91-A			Oligocene Zemorrian Stage
10827	Castle Rock Ridge	397	43	Bear Creek	91-A			Oligocene Zemorrian Stage
10828	Castle Rock Ridge	397	44	Bear Creek	91-A			Oligocene Zemorrian Stage
10829	Castle Rock Ridge	397	45	Bear Creek	91-A			Oligocene Zemorrian Stage
10830	Castle Rock Ridge	397	46	Bear Creek	91-A			Oligocene Zemorrian Stage
10831	Castle Rock Ridge	397	47	Bear Creek	91-A			Oligocene Zemorrian Stage
10832	Castle Rock Ridge	397	BC51 etc	Bear Creek	91-A			Oligocene Zemorrian Stage
10833	Castle Rock Ridge	397	52	Bear Creek	91-A			Oligocene Zemorrian Stage
10834	Castle Rock Ridge	397	53	Bear Creek	91-A			Oligocene Zemorrian Stage
10835	Castle Rock Ridge	397	54	Bear Creek	91-A			Oligocene Zemorrian Stage
10836	Castle Rock Ridge	397	55	Bear Creek	91-A			Oligocene Zemorrian Stage
10837	Castle Rock Ridge	397	56	Bear Creek	91-A			Oligocene Zemorrian Stage
10838	Castle Rock Ridge	397	57	Bear Creek	91-A			Oligocene Zemorrian Stage
10839	Castle Rock Ridge	397	58	Bear Creek	91-A			Oligocene Zemorrian Stage
10840	Castle Rock Ridge	397	59	Bear Creek	91-A			Oligocene Zemorrian Stage
10841	Castle Rock Ridge	397	60	Bear Creek	91-A			Oligocene Zemorrian Stage
10842	Castle Rock Ridge	397	61	Bear Creek	91-A			Oligocene Zemorrian Stage
10843	Castle Rock Ridge	397	62	Bear Creek	91-A			Oligocene Zemorrian Stage
10844	Castle Rock Ridge	397	63	Bear Creek	91-A			Oligocene Zemorrian Stage
10845	Castle Rock Ridge	397	64	Bear Creek	91-A			Oligocene Zemorrian Stage
10846	Castle Rock Ridge	397	65	Bear Creek	91-A			Oligocene Zemorrian Stage
10847	Lake Cachuma	397	1	Tequepis Canyon	53-A			late Paleocene Ynezian Stage
10848	Lake Cachuma	397	3	Tequepis Canyon	53-A			Paleocene or Eocene
10849	Lake Cachuma	397	7	Tequepis Canyon	53-A			possibly late Paleocene Ynezian Stage
10850	Lake Cachuma	397	12	Tequepis Canyon	53-A			late Paleocene Ynezian Stage
10851	Lake Cachuma	397	15	Tequepis Canyon	53-A			late Paleocene Ynezian Stage
10852	Lake Cachuma	397	16	Tequepis Canyon	53-A			late Paleocene Ynezian Stage
10853	Lake Cachuma	397	41	Tequepis Canyon	53-A			Late Cretaceous arenaceous foraminifers
10854	Lake Cachuma	397	43	Tequepis Canyon	53-A			Late Cretaceous arenaceous foraminifers
10855	Lake Cachuma	397	44	Tequepis Canyon	53-A			Late Cretaceous arenaceous foraminifers
10856	Big Basin	398	SLR 1	San Lorenzo River	91-A	See lot #738		Eocene?
10857	Santa Paula Peak	398	1	Santa Paula Canyon	56-J	strat column		Eocene
10858	Santa Paula Peak	398	2	Santa Paula Canyon	56-J	strat column		Eocene
10859	Santa Paula Peak	398	3	Santa Paula Canyon	56-J	strat column		Eocene
10860	Santa Paula Peak	398	4	Santa Paula Canyon	56-J	strat column		Eocene
10861	Santa Paula Peak	398	5	Santa Paula Canyon	56-J	strat column		Eocene
10862	Santa Paula Peak	398	6	Santa Paula Canyon	56-J	strat column		Eocene
10863	Santa Paula Peak	398	7	Santa Paula Canyon	56-J	strat column		Eocene
10864	Santa Paula Peak	398	8	Santa Paula Canyon	56-J	strat column		Eocene
10865	Santa Paula Peak	398	10	Santa Paula Canyon	56-J	strat column		Eocene
10866	Santa Paula Peak	398	11	Santa Paula Canyon	56-J	strat column		Eocene
10867	Santa Paula Peak	398	13	Santa Paula Canyon	56-J	strat column		Eocene
10868	Santa Paula Peak	398	14	Santa Paula Canyon	56-J	strat column		Eocene
10869	Santa Paula Peak	398	15	Santa Paula Canyon	56-J	strat column		Eocene
10870	Lockwood Valley	400	5	U Piru Ck Pine Mtn	88-D	see loc 355	Not on map but	middle Eocene A-2 Zone
10871	Lockwood Valley	400	16	U Piru Ck Pine Mtn	88-D	strat column	is close to lot	middle Eocene A-2 Zone
10872	Lockwood Valley	400	17	U Piru Ck Pine Mtn	88-D	strat column	# 391 on	middle Eocene A-2 Zone
10873	Lockwood Valley	400	19	U Piru Ck Pine Mtn	88-D	strat column	strat column.	middle Eocene A-2 Zone
10874	Lockwood Valley	400	20	U Piru Ck Pine Mtn	88-D	strat column		middle Eocene A-2 Zone
10875	Lockwood Valley	400	23	U Piru Ck Pine Mtn	88-D	strat column		middle Eocene A-2 Zone
10876	Lockwood Valley	400	24	U Piru Ck Pine Mtn	88-D	strat column		middle Eocene A-2 Zone
10877	Lockwood Valley	400	25	U Piru Ck Pine Mtn	88-D	strat column		middle Eocene A-2 Zone
10878	Lockwood Valley	400	27	U Piru Ck Pine Mtn	88-D	strat column		middle Eocene A-2 Zone
10879	Lockwood Valley	400	29	U Piru Ck Pine Mtn	88-D	strat column		middle Eocene A-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
10880	Lockwood Valley	400	30	U Piru Ck Pine Mtn	88-D	strat column		middle Eocene A-2 Zone
10881	Lockwood Valley	400	31	U Piru Ck Pine Mtn	88-D	strat column		middle Eocene A-2 Zone
10882	Lockwood Valley	400	32	U Piru Ck Pine Mtn	88-D	strat column		middle Eocene A-2 Zone
10883	Lockwood Valley	400	33	U Piru Ck Pine Mtn	88-D	strat column		middle Eocene A-2 Zone
10884	Lockwood Valley	400	34	U Piru Ck Pine Mtn	88-D	strat column		middle Eocene A-2 Zone
10885	Lockwood Valley	400	35	U Piru Ck Pine Mtn	88-D	strat column		middle Eocene A-2 Zone
10886	Lockwood Valley	400	36	U Piru Ck Pine Mtn	88-D	strat column		middle Eocene A-2 Zone
10887	Lockwood Valley	400	38	U Piru Ck Pine Mtn	88-D	strat column		middle Eocene A-2 Zone
10888	Van Nuys	404	7	SW part of quad	59-B	Ages are from a		middle and late Miocene lower Mohnian Stage
10889	Van Nuys	404	9	SW part of quad	59-B	strat column		middle and late Miocene lower Mohnian Stage
10890	Van Nuys	404	11	SW part of quad	59-B	and foram check		middle and late Miocene lower Mohnian Stage
10891	Van Nuys	404	13	SW part of quad	59-B	list. All slides are		middle and late Miocene lower Mohnian Stage
10892	Van Nuys	404	15	SW part of quad	59-B	from the Modelo		middle and late Miocene lower Mohnian Stage
10893	Van Nuys	404	17	SW part of quad	59-B	Formation of Upper		middle and late Miocene lower Mohnian Stage
10894	Van Nuys	404	19	SW part of quad	59-B	Miocene age		middle and late Miocene lower Mohnian Stage
10895	Van Nuys	404	20	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10896	Van Nuys	404	21	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10897	Van Nuys	404	22	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10898	Van Nuys	404	23	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10899	Van Nuys	404	24	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10900	Van Nuys	404	25	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10901	Van Nuys	404	26	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10902	Van Nuys	404	26A	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10903	Van Nuys	404	27	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10904	Van Nuys	404	28	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10905	Van Nuys	404	28A	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10906	Van Nuys	404	29	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10907	Van Nuys	404	30	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10908	Van Nuys	404	31	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10909	Van Nuys	404	32	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10910	Van Nuys	404	33	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10911	Van Nuys	404	34	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10912	Van Nuys	404	35	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10913	Van Nuys	404	35A	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10914	Van Nuys	404	36	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10915	Van Nuys	404	37	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10916	Van Nuys	404	38	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10917	Van Nuys	404	38A	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10918	Van Nuys	404	38	SW part of quad	59-B			middle and late Miocene lower Mohnian Stage
10919	Van Nuys	404	39	SW part of quad	59-B			middle and late Miocene Mohnian Stage
10920	Van Nuys	404	39A	SW part of quad	59-B			middle and late Miocene Mohnian Stage
10921	Van Nuys	404	40	SW part of quad	59-B			middle and late Miocene Mohnian Stage
10922	Van Nuys	404	41	SW part of quad	59-B			middle and late Miocene Mohnian Stage
10923	Van Nuys	404	42	SW part of quad	59-B			middle and late Miocene Mohnian Stage
10924	Van Nuys	404	42	SW part of quad	59-B			middle and late Miocene Mohnian Stage
10925	Van Nuys	404	43	SW part of quad	59-B			middle and late Miocene Mohnian Stage
10926	Van Nuys	404	43	SW part of quad	59-B			middle and late Miocene Mohnian Stage
10927	Van Nuys	404	43A	SW part of quad	59-B			middle and late Miocene Mohnian Stage
10928	Van Nuys	404	44	SW part of quad	59-B			middle and late Miocene Mohnian Stage
10929	Van Nuys	404	45	SW part of quad	59-B			middle and late Miocene Mohnian Stage
10930	Van Nuys	404	46	SW part of quad	59-B			middle and late Miocene Mohnian Stage
10931	Van Nuys	404	47	SW part of quad	59-B			middle and late Miocene Mohnian Stage
10932	Van Nuys	404	47A	SW part of quad	59-B			middle and late Miocene Mohnian Stage
10933	Van Nuys	404	48	SW part of quad	59-B			middle and late Miocene Mohnian Stage
10934	Van Nuys	404	48	SW part of quad	59-B			middle and late Miocene Mohnian Stage
10935	Van Nuys	404	"48-1	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10936	Van Nuys	404	"48-1	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10937	Van Nuys	404	48A	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10938	Van Nuys	404	49	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10939	Van Nuys	404	50	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10940	Van Nuys	404	51	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10941	Van Nuys	404	52	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10942	Van Nuys	404	53	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10943	Van Nuys	404	54	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10944	Van Nuys	404	55	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10945	Van Nuys	404	56	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10946	Van Nuys	404	57	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10947	Van Nuys	404	58	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10948	Van Nuys	404	59	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10949	Van Nuys	404	60	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10950	Van Nuys	404	61	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10951	Van Nuys	404	62	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10952	Van Nuys	404	63	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10953	Van Nuys	404	64	SW part of quad	59-C			middle and late Miocene Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
10954	Van Nuys	404	64A	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10955	Van Nuys	404	65	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10956	Van Nuys	404	66	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10957	Van Nuys	404	67	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10958	Van Nuys	404	67A	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10959	Van Nuys	404	68	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10960	Van Nuys	404	68A	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10961	Van Nuys	404	69	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10962	Van Nuys	404	70	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10963	Van Nuys	404	71	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10964	Van Nuys	404	72	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10965	Van Nuys	404	73	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10966	Van Nuys	404	74	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10967	Van Nuys	404	75	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10968	Van Nuys	404	76	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10969	Van Nuys	404	77	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10970	Van Nuys	404	78	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10971	Van Nuys	404	79	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10972	Van Nuys	404	80	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10973	Van Nuys	404	81	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10974	Van Nuys	404	82	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10975	Van Nuys	404	83	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10976	Van Nuys	404	84	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10977	Van Nuys	404	84A	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10978	Van Nuys	404	85	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10979	Van Nuys	404	86	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10980	Van Nuys	404	86A	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10981	Van Nuys	404	86A	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10982	Van Nuys	404	86B	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10983	Van Nuys	404	86C	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10984	Van Nuys	404	87	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10985	Van Nuys	404	88	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10986	Van Nuys	404	89	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10987	Van Nuys	404	90	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10988	Van Nuys	404	90A	SW part of quad	59-C			middle and late Miocene Mohnian Stage
10989	Van Nuys	404	91	SW part of quad	59-D			middle and late Miocene Mohnian Stage
10990	Van Nuys	404	92	SW part of quad	59-D			middle and late Miocene Mohnian Stage
10991	Van Nuys	404	92A	SW part of quad	59-D			middle and late Miocene Mohnian Stage
10992	Van Nuys	404	93	SW part of quad	59-D			middle and late Miocene Mohnian Stage
10993	Van Nuys	404	93A	SW part of quad	59-D			middle and late Miocene Mohnian Stage
10994	Van Nuys	404	93B	SW part of quad	59-D			middle and late Miocene Mohnian Stage
10995	Van Nuys	404	93C	SW part of quad	59-D			middle and late Miocene Mohnian Stage
10996	Van Nuys	404	93D	SW part of quad	59-D			middle and late Miocene Mohnian Stage
10997	Van Nuys	404	94	SW part of quad	59-D			middle and late Miocene Mohnian Stage
10998	Van Nuys	404	95	SW part of quad	59-D			middle and late Miocene Mohnian Stage
10999	Van Nuys	404	95A	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11000	Van Nuys	404	96	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11001	Van Nuys	404	97	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11002	Van Nuys	404	98	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11003	Van Nuys	404	99	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11004	Van Nuys	404	100	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11005	Van Nuys	404	101	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11006	Van Nuys	404	102	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11007	Van Nuys	404	103	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11008	Van Nuys	404	104	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11009	Van Nuys	404	105	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11010	Van Nuys	404	106	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11011	Van Nuys	404	107	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11012	Van Nuys	404	108	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11013	Van Nuys	404	109	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11014	Van Nuys	404	110	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11015	Van Nuys	404	111	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11016	Van Nuys	404	112	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11017	Van Nuys	404	113	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11018	Van Nuys	404	113A	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11019	Van Nuys	404	114	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11020	Van Nuys	404	115	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11021	Van Nuys	404	116	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11022	Van Nuys	404	117	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11023	Van Nuys	404	118	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11024	Van Nuys	404	119	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11025	Van Nuys	404	120	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11026	Van Nuys	404	121	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11027	Van Nuys	404	122	SW part of quad	59-D			middle and late Miocene Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
11028	Van Nuys	404	123	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11029	Van Nuys	404	124	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11030	Van Nuys	404	125	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11031	Van Nuys	404	126	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11032	Van Nuys	404	127	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11033	Van Nuys	404	128	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11034	Van Nuys	404	129	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11035	Van Nuys	404	130	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11036	Van Nuys	404	131	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11037	Van Nuys	404	132	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11038	Van Nuys	404	133	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11039	Van Nuys	404	134	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11040	Van Nuys	404	135	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11041	Van Nuys	404	135A	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11042	Van Nuys	404	136	SW part of quad	59-D			middle and late Miocene Mohnian Stage
11043	Van Nuys	404	137	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11044	Van Nuys	404	138	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11045	Van Nuys	404	138A	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11046	Van Nuys	404	139	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11047	Van Nuys	404	139A	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11048	Van Nuys	404	140	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11049	Van Nuys	404	141	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11050	Van Nuys	404	142	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11051	Van Nuys	404	143	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11052	Van Nuys	404	144	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11053	Van Nuys	404	145	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11054	Van Nuys	404	146	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11055	Van Nuys	404	146A	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11056	Van Nuys	404	147	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11057	Van Nuys	404	147A	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11058	Van Nuys	404	148	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11059	Van Nuys	404		SW part of quad	59-E			middle and late Miocene Mohnian Stage
11060	Van Nuys	404	149	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11061	Van Nuys	404	150	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11062	Van Nuys	404	151	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11063	Van Nuys	404	152	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11064	Van Nuys	404	153	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11065	Van Nuys	404	153A	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11066	Van Nuys	404	153B	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11067	Van Nuys	404	154	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11068	Van Nuys	404	155	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11069	Van Nuys	404	156	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11070	Van Nuys	404	157	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11071	Van Nuys	404	157A	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11072	Van Nuys	404	158	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11073	Van Nuys	404	159	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11074	Van Nuys	404	160	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11075	Van Nuys	404	161	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11076	Van Nuys	404	161A	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11077	Van Nuys	404	162	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11078	Van Nuys	404	163	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11079	Van Nuys	404	164	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11080	Van Nuys	404	165	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11081	Van Nuys	404	166	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11082	Van Nuys	404	167	SW part of quad	59-E			middle and late Miocene Mohnian Stage
11083	Van Nuys	404	167A	SW part of quad	59-E			middle and late Miocene upper Mohnian Stage
11084	Van Nuys	404	168	SW part of quad	59-E			middle and late Miocene upper Mohnian Stage
11085	Van Nuys	404	169	SW part of quad	59-E			middle and late Miocene upper Mohnian Stage
11086	Van Nuys	404	170	SW part of quad	59-E			middle and late Miocene upper Mohnian Stage
11087	Van Nuys	404	171	SW part of quad	59-E			middle and late Miocene upper Mohnian Stage
11088	Van Nuys	404	172	SW part of quad	59-E			middle and late Miocene upper Mohnian Stage
11089	Van Nuys	404	173	SW part of quad	59-E			middle and late Miocene upper Mohnian Stage
11090	Van Nuys	404	174	SW part of quad	59-E			middle and late Miocene upper Mohnian Stage
11091	Van Nuys	404	175	SW part of quad	59-E			middle and late Miocene upper Mohnian Stage
11092	Van Nuys	404	176	SW part of quad	59-E			middle and late Miocene upper Mohnian Stage
11093	Van Nuys	404	177	SW part of quad	59-E			middle and late Miocene upper Mohnian Stage
11094	Van Nuys	404	178	SW part of quad	59-E			middle and late Miocene upper Mohnian Stage
11095	Van Nuys	404	179	SW part of quad	59-E			middle and late Miocene upper Mohnian Stage
11096	Van Nuys	404	180	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11097	Van Nuys	404	181	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11098	Van Nuys	404	182	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11099	Van Nuys	404	183	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11100	Van Nuys	404	184	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11101	Van Nuys	404	185	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
11102	Van Nuys	404	186	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11103	Van Nuys	404	187	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11104	Van Nuys	404	188	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11105	Van Nuys	404	189	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11106	Van Nuys	404	190	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11107	Van Nuys	404	191	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11108	Van Nuys	404	192	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11109	Van Nuys	404	193	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11110	Van Nuys	404	194	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11111	Van Nuys	404	195	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11112	Van Nuys	404	196	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11113	Van Nuys	404	197	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11114	Van Nuys	404	197A	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11115	Van Nuys	404	197B	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11116	Van Nuys	404	197C	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11117	Van Nuys	404	198	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11118	Van Nuys	404	199	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11119	Van Nuys	404	200	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11120	Van Nuys	404	201	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11121	Van Nuys	404	201A	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11122	Van Nuys	404	202	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11123	Van Nuys	404	204	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11124	Van Nuys	404	204	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11125	Van Nuys	404	205	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11126	Van Nuys	404	206	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11127	Van Nuys	404	207	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11128	Van Nuys	404	208	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11129	Van Nuys	404	208A	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11130	Van Nuys	404	208AA	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11131	Van Nuys	404	209	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11132	Van Nuys	404	209A	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11133	Van Nuys	404	210	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11134	Van Nuys	404	211	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11135	Van Nuys	404	212	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11136	Van Nuys	404	213	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11137	Van Nuys	404	214	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11138	Van Nuys	404	215	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11139	Van Nuys	404	216	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11140	Van Nuys	404	217	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11141	Van Nuys	404	218	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11142	Van Nuys	404	219	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11143	Van Nuys	404	220	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11144	Van Nuys	404	221	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11145	Van Nuys	404	222	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11146	Van Nuys	404	223	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11147	Van Nuys	404	224	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11148	Van Nuys	404	225	SW part of quad	59-F			middle and late Miocene upper Mohnian Stage
11149	Van Nuys	404	226	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11150	Van Nuys	404	226A	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11151	Van Nuys	404	226B	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11152	Van Nuys	404	227	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11153	Van Nuys	404	228	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11154	Van Nuys	404	229	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11155	Van Nuys	404	230	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11156	Van Nuys	404	231	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11157	Van Nuys	404	232	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11158	Van Nuys	404	233	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11159	Van Nuys	404	234	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11160	Van Nuys	404	235	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11161	Van Nuys	404	236	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11162	Van Nuys	404	236A	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11163	Van Nuys	404	236B	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11164	Van Nuys	404	236C	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11165	Van Nuys	404	236D	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11166	Van Nuys	404	237	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11167	Van Nuys	404	238	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11168	Van Nuys	404	239	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11169	Van Nuys	404	240	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11170	Van Nuys	404	240A	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11171	Van Nuys	404	241	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11172	Van Nuys	404	242	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11173	Van Nuys	404	243	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11174	Van Nuys	404	244	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11175	Van Nuys	404	245	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
11176	Van Nuys	404	246	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11177	Van Nuys	404	247	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11178	Van Nuys	404	247A	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11179	Van Nuys	404	247B	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11180	Van Nuys	404	248	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11181	Van Nuys	404	249	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11182	Van Nuys	404	249A	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11183	Van Nuys	404	249B	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11184	Van Nuys	404	250	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11185	Van Nuys	404	251	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11186	Van Nuys	404	252	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11187	Van Nuys	404	253	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11188	Van Nuys	404	254	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11189	Van Nuys	404	255	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11190	Van Nuys	404	255A	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11191	Van Nuys	404	255B	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11192	Van Nuys	404	256	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11193	Van Nuys	404	257	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11194	Van Nuys	404	258	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11195	Van Nuys	404	259	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11196	Van Nuys	404	260	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11197	Van Nuys	404	261	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11198	Van Nuys	404	262	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11199	Van Nuys	404	263	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11200	Van Nuys	404	264	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11201	Van Nuys	404	264A	SW part of quad	59-G			middle and late Miocene upper Mohnian Stage
11202	Van Nuys	404	265	SW part of quad	59-H			middle and late Miocene upper Mohnian Stage
11203	Van Nuys	404	265A	SW part of quad	59-H			middle and late Miocene upper Mohnian Stage
11204	Van Nuys	404	265B	SW part of quad	59-H			middle and late Miocene upper Mohnian Stage
11205	Van Nuys	404	265C	SW part of quad	59-H			middle and late Miocene upper Mohnian Stage
11206	Van Nuys	404	265D	SW part of quad	59-H			middle and late Miocene upper Mohnian Stage
11207	Van Nuys	404	266	SW part of quad	59-H			middle and late Miocene upper Mohnian Stage
11208	Van Nuys	404	267	SW part of quad	59-H			middle and late Miocene upper Mohnian Stage
11209	Van Nuys	404	267A	SW part of quad	59-H			middle and late Miocene upper Mohnian Stage
11210	Van Nuys	404	267B	SW part of quad	59-H			middle and late Miocene upper Mohnian Stage
11211	Van Nuys	404	268	SW part of quad	59-H			middle and late Miocene upper Mohnian Stage
11212	Van Nuys	404	269	SW part of quad	59-H			middle and late Miocene upper Mohnian Stage
11213	Van Nuys	404	270	SW part of quad	59-H			middle and late Miocene upper Mohnian Stage
11214	Van Nuys	404	270A	SW part of quad	59-H			middle and late Miocene upper Mohnian Stage
11215	Van Nuys	404	271	SW part of quad	59-H			middle and late Miocene upper Mohnian Stage
11216	Van Nuys	404	272	SW part of quad	59-H			middle and late Miocene upper Mohnian Stage
11217	Taylor Canyon	407	10	EC part of quad	88-F	Caliente Mtn 15'	age from map	early Miocene Saucesian? Stage
11218	Van Nuys	408	1	SW corner of quad	59-L	Age from strat		middle and late Miocene Mohnian Stage
11219	Van Nuys	408	2	SW corner of quad	59-L	column indicating		middle and late Miocene Mohnian Stage
11220	Van Nuys	408	3	SW corner of quad	59-L	Mohnian section.		middle and late Miocene Mohnian Stage
11221	Van Nuys	408	4	SW corner of quad	59-L	Type Mohnian is		middle and late Miocene Mohnian Stage
11222	Van Nuys	408	5	SW corner of quad	59-L	about 7 miles		middle and late Miocene Mohnian Stage
11223	Van Nuys	408	6	SW corner of quad	59-L	west of here,		middle and late Miocene Mohnian Stage
11224	Van Nuys	408	7	SW corner of quad	59-L	along strike. See		middle and late Miocene Mohnian Stage
11225	Van Nuys	408	8	SW corner of quad	59-L	also 421 for		middle and late Miocene Mohnian Stage
11226	Van Nuys	408	9	SW corner of quad	59-L	additional info		middle and late Miocene Mohnian Stage
11227	Van Nuys	408	10	SW corner of quad	59-L			middle and late Miocene Mohnian Stage
11228	Van Nuys	408	11	SW corner of quad	59-L			middle and late Miocene Mohnian Stage
11229	Van Nuys	408	13	SW corner of quad	59-L			middle and late Miocene Mohnian Stage
11230	Van Nuys	408	13	SW corner of quad	59-L			middle and late Miocene Mohnian Stage
11231	Van Nuys	408	14	SW corner of quad	59-L			middle and late Miocene Mohnian Stage
11232	Van Nuys	408	15	SW corner of quad	59-L			middle and late Miocene Mohnian Stage
11233	Van Nuys	408	16	SW corner of quad	59-L			middle and late Miocene Mohnian Stage
11234	Van Nuys	408	17	SW corner of quad	59-L			middle and late Miocene Mohnian Stage
11235	Van Nuys	408	18	SW corner of quad	59-L			middle and late Miocene Mohnian Stage
11236	Lake Cachuma	410	190	Tecolete Tunnel	83-B			Eocene
11237	Lake Cachuma	410	199	Tecolete Tunnel	83-B			Eocene
11238	Lake Cachuma	410	201	Tecolete Tunnel	83-B			Eocene
11239	Lake Cachuma	410	205	Tecolete Tunnel	83-B			Eocene
11240	Lake Cachuma	410	206	Tecolete Tunnel	83-B			Eocene
11241	Lake Cachuma	410	207	Tecolete Tunnel	83-B			Eocene
11242	Lake Cachuma	410	238	Tecolete Tunnel	83-B			Eocene
11243	Lake Cachuma	410	239	Tecolete Tunnel	83-B			Eocene
11244	Lake Cachuma	410	240	Tecolete Tunnel	83-B			Eocene
11245	Lake Cachuma	410	241	Tecolete Tunnel	83-B			Eocene
11246	Lake Cachuma	410	243	Tecolete Tunnel	83-B			Eocene
11247	Lake Cachuma	410	244	Tecolete Tunnel	83-B			Eocene
11248	Lake Cachuma	410	253	Tecolete Tunnel	83-B			Eocene
11249	Lake Cachuma	410	254	Tecolete Tunnel	83-B			Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
11250	Lake Cachuma	410	256	Tecolete Tunnel	83-B			Eocene
11251	Lake Cachuma	410	257	Tecolete Tunnel	83-B			Eocene
11252	Lake Cachuma	410	258	Tecolete Tunnel	83-B			Eocene
11253	Lake Cachuma	410	259	Tecolete Tunnel	83-B			Eocene
11254	Lake Cachuma	410	260	Tecolete Tunnel	83-B			Eocene
11255	Lake Cachuma	410	261	Tecolete Tunnel	83-B			Eocene
11256	Lake Cachuma	410	262	Tecolete Tunnel	83-B			Eocene
11257	Lake Cachuma	410	263	Tecolete Tunnel	83-B			Eocene
11258	Lake Cachuma	410	264	Tecolete Tunnel	83-B			Eocene
11259	Lake Cachuma	410	265	Tecolete Tunnel	83-B			Eocene
11260	Lake Cachuma	410	266	Tecolete Tunnel	83-C			Eocene
11261	Lake Cachuma	410	267	Tecolete Tunnel	83-C			Eocene
11262	Lake Cachuma	410	268	Tecolete Tunnel	83-C			Eocene
11263	Lake Cachuma	410	269	Tecolete Tunnel	83-C			Eocene
11264	Lake Cachuma	410	272	Tecolete Tunnel	83-C			Eocene
11265	Lake Cachuma	410	274	Tecolete Tunnel	83-C			Eocene
11266	Lake Cachuma	410	277	Tecolete Tunnel	83-C			Eocene
11267	Lake Cachuma	410	280	Tecolete Tunnel	83-C			Eocene
11268	Lake Cachuma	410	286	Tecolete Tunnel	83-C			Eocene
11269	Lake Cachuma	410	292	Tecolete Tunnel	83-C			Eocene
11270	Lake Cachuma	410	293	Tecolete Tunnel	83-C			Eocene
11271	Lake Cachuma	410	304	Tecolete Tunnel	83-C			Eocene
11272	Lake Cachuma	410	316	Tecolete Tunnel	83-C			Eocene
11273	Lake Cachuma	410	318	Tecolete Tunnel	83-C			Eocene
11274	Lake Cachuma	410	319	Tecolete Tunnel	83-C			Eocene
11275	Lake Cachuma	410	323	Tecolete Tunnel	83-C			Eocene
11276	Lake Cachuma	410	324	Tecolete Tunnel	83-C			Eocene
11277	Lake Cachuma	410	325	Tecolete Tunnel	83-C			Eocene
11278	Lake Cachuma	410	326	Tecolete Tunnel	83-C			Eocene
11279	Lake Cachuma	410	328	Tecolete Tunnel	83-C			Eocene
11280	Lake Cachuma	410	332	Tecolete Tunnel	83-C			Eocene
11281	Lake Cachuma	410	333	Tecolete Tunnel	83-C			Eocene
11282	Lake Cachuma	410	353	Tecolete Tunnel	83-C			Eocene
11283	Lake Cachuma	410	354	Tecolete Tunnel	83-C			Eocene
11284	Lake Cachuma	410	358	Tecolete Tunnel	83-C			Eocene
11285	Lake Cachuma	410	371	Tecolete Tunnel	83-C			Eocene
11286	Lake Cachuma	410	372	Tecolete Tunnel	83-C			Eocene
11287	Lake Cachuma	410	374	Tecolete Tunnel	83-C			Eocene
11288	Lake Cachuma	410	375	Tecolete Tunnel	83-C			Eocene
11289	Lake Cachuma	410	384	Tecolete Tunnel	83-C			Eocene
11290	Lake Cachuma	410	390	Tecolete Tunnel	83-C			Eocene
11291	Lake Cachuma	410	393	Tecolete Tunnel	83-C			Eocene
11292	Lake Cachuma	410	395	Tecolete Tunnel	83-C			Eocene
11293	Lake Cachuma	410	398	Tecolete Tunnel	83-C			Eocene
11294	Lake Cachuma	410	417	Tecolete Tunnel	83-C			Eocene
11295	Lake Cachuma	410	427	Tecolete Tunnel	83-C			Eocene
11296	Lake Cachuma	410	428	Tecolete Tunnel	83-C			Eocene
11297	Lake Cachuma	410	431	Tecolete Tunnel	83-C			Eocene
11298	Lake Cachuma	410	433	Tecolete Tunnel	83-C			Eocene
11299	Lake Cachuma	410	444	Tecolete Tunnel	83-C			Eocene
11300	Lake Cachuma	410	445	Tecolete Tunnel	83-D			Eocene
11301	Lake Cachuma	410	450	Tecolete Tunnel	83-D			Eocene
11302	Lake Cachuma	410	462	Tecolete Tunnel	83-D			Eocene
11303	Lake Cachuma	410	479	Tecolete Tunnel	83-D			Eocene
11304	Lake Cachuma	410	483	Tecolete Tunnel	83-D			Eocene
11305	Lake Cachuma	410	515	Tecolete Tunnel	83-D			Eocene
11306	Lake Cachuma	410	516	Tecolete Tunnel	83-D			Eocene
11307	Lake Cachuma	410	517	Tecolete Tunnel	83-D			Eocene
11308	Lake Cachuma	410	545	Tecolete Tunnel	83-D			Eocene
11309	Lake Cachuma	410	556	Tecolete Tunnel	83-D			Eocene
11310	Lake Cachuma	410	557	Tecolete Tunnel	83-D			Eocene
11311	Beverly Hills	411	1	Stone Cyn Resv	59-I			probably Miocene
11312	Beverly Hills	411	1A	Stone Cyn Resv	59-I			probably Miocene
11313	Beverly Hills	411	23	Stone Cyn Resv	59-I			probably Miocene
11314	Beverly Hills	411	4	Stone Cyn Resv	59-I			probably Miocene
11315	Beverly Hills	411	5	Stone Cyn Resv	59-I			probably Miocene
11316	Beverly Hills	411	6	Stone Cyn Resv	59-I			probably Miocene
11317	Beverly Hills	411	7	Stone Cyn Resv	59-I			probably Miocene
11318	Beverly Hills	411	8	Stone Cyn Resv	59-I			probably Miocene
11319	Beverly Hills	411	9	Stone Cyn Resv	59-I			probably Miocene
11320	Beverly Hills	411	10	Stone Cyn Resv	59-I			probably Miocene
11321	Caliente Mountain	411	B	Morales Canyon	94-I	Caliente Mtn 15'	age from map	middle Miocene
11322	Caliente Mountain	411	C	Morales Canyon	94-I	Caliente Mtn 15'	age from map	middle Miocene
11323	Caliente Mountain	411	E	Morales Canyon	94-I	Caliente Mtn 15'	age from map	middle Miocene Luisian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
11324	Caliente Mountain	411	F	Morales Canyon	94-I	Caliente Mtn 15'	age from map	middle and late Miocene Luisian or Mohnian Stage
11325	Beverly Hills	412	1	Stone Cyn Resv	59-I			probably Miocene
11326	Beverly Hills	412	2	Stone Cyn Resv	59-I			probably Miocene
11327	Beverly Hills	412	2B	Stone Cyn Resv	59-I			probably Miocene
11328	Beverly Hills	412	2A	Stone Cyn Resv	59-I			probably Miocene
11329	Beverly Hills	412	3	Stone Cyn Resv	59-I			probably Miocene
11330	Beverly Hills	412	4	Stone Cyn Resv	59-I			probably Miocene
11331	Beverly Hills	412	5	Stone Cyn Resv	59-I			probably Miocene
11332	Beverly Hills	412	6	Stone Cyn Resv	59-I			probably Miocene
11333	Beverly Hills	412	7	Stone Cyn Resv	59-I			probably Miocene
11334	Beverly Hills	412	9	Stone Cyn Resv	59-I			probably Miocene
11335	Beverly Hills	413	1	Stone Cyn Resv	59-I		basal Modelo	Miocene
11336	Beverly Hills	413	2	Stone Cyn Resv	59-I			Miocene
11337	Beverly Hills	413	3	Stone Cyn Resv	59-I			Miocene
11338	Beverly Hills	413	4	Stone Cyn Resv	59-I			Miocene
11339	Beverly Hills	413	5	Stone Cyn Resv	59-I			Miocene
11340	Beverly Hills	413	6	Stone Cyn Resv	59-I			Miocene
11341	Half Moon Bay	414	P1	Purisima Creek	92-C	strat column	near loc 4593	early Miocene
11342	Half Moon Bay	414	P3	Purisima Creek	92-C	strat column		early Miocene
11343	Van Nuys	414	1	Mulholland Drive	59-N	see also loc 337		middle and late Miocene Mohnian Stage
11344	Van Nuys	414	2	Mulholland Drive	59-N	strat column		middle and late Miocene Mohnian Stage
11345	Van Nuys	414	3	Mulholland Drive	59-N	and check list		middle and late Miocene Mohnian Stage
11346	Van Nuys	414	4	Mulholland Drive	59-N	strat column		middle and late Miocene Mohnian Stage
11347	Van Nuys	414	5	Mulholland Drive	59-N	strat column		middle and late Miocene Mohnian Stage
11348	Van Nuys	414	7	Mulholland Drive	59-N	strat column		middle and late Miocene Mohnian Stage
11349	Van Nuys	414	8	Mulholland Drive	59-N	strat column		middle and late Miocene Mohnian Stage
11350	Van Nuys	414	9	Mulholland Drive	59-N	strat column		middle and late Miocene Mohnian Stage
11351	Van Nuys	414	10	Mulholland Drive	59-N	strat column		middle and late Miocene lower Mohnian Stage
11352	Van Nuys	414	11	Mulholland Drive	59-N	strat column		middle and late Miocene lower Mohnian Stage
11353	Van Nuys	414	12	Mulholland Drive	59-N	strat column		middle and late Miocene lower Mohnian Stage
11354	Van Nuys	414	13	Mulholland Drive	59-N	strat column		middle and late Miocene lower Mohnian Stage
11355	Van Nuys	414	14	Mulholland Drive	59-N	strat column		middle and late Miocene lower Mohnian Stage
11356	Van Nuys	414	15	Mulholland Drive	59-N	strat column		middle and late Miocene lower Mohnian Stage
11357	Van Nuys	414	16	Mulholland Drive	59-N	strat column		middle and late Miocene lower Mohnian Stage
11358	Van Nuys	414	17	Mulholland Drive	59-N	strat column		middle and late Miocene lower Mohnian Stage
11359	Van Nuys	414	18	Mulholland Drive	59-N	strat column		middle and late Miocene lower Mohnian Stage
11360	Van Nuys	414	19	Mulholland Drive	59-N	strat column		middle and late Miocene lower Mohnian Stage
11361	Van Nuys	414	20	Mulholland Drive	59-N	strat column		middle and late Miocene lower Mohnian Stage
11362	Van Nuys	414	21	Mulholland Drive	59-N	strat column		middle and late Miocene lower Mohnian Stage
11363	Van Nuys	414	22	Mulholland Drive	59-N	strat column		middle and late Miocene lower Mohnian Stage
11364	Van Nuys	414	23	Mulholland Drive	59-N	strat column		middle and late Miocene lower Mohnian Stage
11365	Van Nuys	414	24	Mulholland Drive	59-N	strat column		middle and late Miocene lower Mohnian Stage
11366	Van Nuys	414	25	Mulholland Drive	59-N	strat column		middle and late Miocene lower Mohnian Stage
11367	Van Nuys	414	26	Mulholland Drive	59-N	strat column		middle and late Miocene lower Mohnian Stage
11368	Van Nuys	414	27	Mulholland Drive	59-N	strat column		middle and late Miocene lower Mohnian Stage
11369	Van Nuys	414	28	Mulholland Drive	59-N	strat column		middle and late Miocene Luisian or Mohnian Stage
11370	Van Nuys	414	29	Mulholland Drive	59-N	strat column		middle and late Miocene Luisian or Mohnian Stage
11371	Van Nuys	414	30	Mulholland Drive	59-N	strat column		middle and late Miocene Luisian or Mohnian Stage
11372	Van Nuys	414	31	Mulholland Drive	59-N	strat column		middle and late Miocene Luisian or Mohnian Stage
11373	Van Nuys	414	32	Mulholland Drive	59-N	strat column		middle and late Miocene Luisian or Mohnian Stage
11374	Van Nuys	414	33	Mulholland Drive	59-N	strat column		middle and late Miocene Luisian or Mohnian Stage
11375	Van Nuys	414	34	Mulholland Drive	59-N	strat column		middle and late Miocene Luisian or Mohnian Stage
11376	Van Nuys	414	35	Mulholland Drive	59-N	strat column		middle and late Miocene Luisian or Mohnian Stage
11377	Van Nuys	414	36	Mulholland Drive	59-N	strat column		middle and late Miocene Luisian or Mohnian Stage
11378	Van Nuys	414	37	Mulholland Drive	59-N	strat column		middle and late Miocene Luisian or Mohnian Stage
11379	Van Nuys	414	38	Mulholland Drive	59-N	strat column		middle and late Miocene Luisian or Mohnian Stage
11380	Woodside	414	P4	Purisima Creek	92-C	strat column		early Miocene
11381	Woodside	414	P5	Purisima Creek	92-C	strat column		early Miocene
11382	Woodside	414	P7	Purisima Creek	92-C	strat column		early Miocene
11383	Woodside	414	P15RW	Purisima Creek	92-C	strat column		early Miocene Saucesian Stage
11384	Van Nuys	415	7	Laurel Cyn Blvd	62-F			middle Miocene Luisian Stage
11385	Van Nuys	415	14	Laurel Cyn Blvd	62-F			middle and late Miocene Mohnian Stage
11386	Van Nuys	415	15	Laurel Cyn Blvd	62-F			middle and late Miocene Mohnian Stage
11387	Van Nuys	415	16	Laurel Cyn Blvd	62-F			middle and late Miocene Mohnian Stage
11388	Van Nuys	415	17	Laurel Cyn Blvd	62-F			middle and late Miocene Mohnian Stage
11389	Van Nuys	415	18	Laurel Cyn Blvd	62-F			middle and late Miocene Mohnian Stage
11390	Van Nuys	415	19	Laurel Cyn Blvd	62-F			middle and late Miocene Mohnian Stage
11391	Van Nuys	415	20	Laurel Cyn Blvd	62-F			middle and late Miocene Mohnian Stage
11392	Van Nuys	415	26	Laurel Cyn Blvd	62-F			middle Miocene Luisian Stage
11393	Van Nuys	415	27	Laurel Cyn Blvd	62-F			middle Miocene Luisian Stage
11394	Van Nuys	415	28	Laurel Cyn Blvd	62-F			middle Miocene Luisian Stage
11395	Van Nuys	415	29	Laurel Cyn Blvd	62-F			middle Miocene Luisian Stage
11396	Van Nuys	415	30	Laurel Cyn Blvd	62-F			middle Miocene Luisian Stage
11397	Van Nuys	415	31	Laurel Cyn Blvd	62-F			middle Miocene Luisian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
11398	Van Nuys	415	35	Laurel Cyn Blvd	65-I			middle Miocene Luisian Stage
11399	Van Nuys	415	36	Laurel Cyn Blvd	65-I			middle and late Miocene Mohnian Stage
11400	Van Nuys	415	37	Laurel Cyn Blvd	65-I			middle and late Miocene Mohnian Stage
11401	Van Nuys	415	50A	Laurel Cyn Blvd	65-I			middle and late Miocene Mohnian Stage
11402	Van Nuys	415	51A	Laurel Cyn Blvd	65-I			middle and late Miocene Mohnian Stage
11403	Woodside	415	1	Tunitas Creek	66-L	strat column		Oligocene Zemorrian? Stage
11404	Woodside	415	3	Tunitas Creek	66-L	strat column		middle Eocene A-2 Zone
11405	Woodside	415	10	Tunitas Creek	66-L	strat column		Eocene?
11406	Woodside	415	11	Tunitas Creek	66-L	strat column		Eocene?
11407	Woodside	415	15	Tunitas Creek	66-L	strat column		Eocene?
11408	Woodside	415	16	Tunitas Creek	66-L	strat column		early Miocene Saucesian Stage
11409	Woodside	415	21	Tunitas Creek	66-L	strat column		Eocene?
11410	Woodside	415	22	Tunitas Creek	66-L	strat column		Eocene?
11411	Woodside	415	35	Tunitas Creek	66-L	strat column		Oligocene Zemorrian Stage
11412	Woodside	415	38	Tunitas Creek	66-L	strat column		Eocene?
11413	Woodside	415	42	Tunitas Creek	66-L	strat column		Eocene?
11414	Van Nuys	416	6	SE corner of quad	65-C			early Miocene Relizian Stage
11415	Antioch South	417	7	Deer Valley	129-B	auger	glauconite A	Tertiary
11416	Antioch South	417	11	Deer Valley	129-B	auger	megafossil age	Late Cretaceous
11417	Antioch South	417	12	Deer Valley	129-B	auger		Late Cretaceous C or D-1 Zone
11418	Antioch South	417	17	Deer Valley	129-B	auger		Late Cretaceous D-2 Zone
11419	Panorama Hills	420	slide 1	Crocker Creek	94-L			assemblage
11420	Panorama Hills	420	34	Crocker Creek	94-K	slides missing?		late Miocene Delmontian Stage
11421	Panorama Hills	420	35	Crocker Creek	94-K			late Miocene Delmontian Stage
11422	Panorama Hills	420	36	Crocker Creek	94-K			late Miocene Delmontian Stage
11423	Panorama Hills	420	37	Crocker Creek	94-K			late Miocene Delmontian Stage
11424	Panorama Hills	420	38	Crocker Creek	94-K			late Miocene Delmontian Stage
11425	Panorama Hills	420	39	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11426	Panorama Hills	420	40	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11427	Panorama Hills	420	42	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11428	Panorama Hills	420	45	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11429	Panorama Hills	420	47	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11430	Panorama Hills	420	48	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11431	Panorama Hills	420	49	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11432	Panorama Hills	420	61	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11433	Panorama Hills	420	62	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11434	Panorama Hills	420	63	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11435	Panorama Hills	420	64	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11436	Panorama Hills	420	66	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11437	Panorama Hills	420	67	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11438	Panorama Hills	420	68	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11439	Panorama Hills	420	69	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11440	Panorama Hills	420	70	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11441	Panorama Hills	420	71	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11442	Panorama Hills	420	72	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11443	Panorama Hills	420	73	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11444	Panorama Hills	420	74	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11445	Panorama Hills	420	75	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11446	Panorama Hills	420	76	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11447	Panorama Hills	420	77	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11448	Panorama Hills	420	78	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11449	Panorama Hills	420	79	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11450	Panorama Hills	420	80	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11451	Panorama Hills	420	81	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11452	Panorama Hills	420	82	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11453	Panorama Hills	420	83	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11454	Panorama Hills	420	85	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11455	Panorama Hills	420	86	Crocker Creek	94-K			middle and late Miocene Mohnian Stage
11456	Panorama Hills	420	87	Crocker Creek	94-L			middle and late Miocene Mohnian Stage
11457	Panorama Hills	420	88	Crocker Creek	94-L			middle Miocene Luisian Stage
11458	Panorama Hills	420	89	Crocker Creek	94-L			middle Miocene Luisian Stage
11459	Panorama Hills	420	90	Crocker Creek	94-L			middle Miocene Luisian Stage
11460	Panorama Hills	420	91	Crocker Creek	94-L			middle Miocene Luisian Stage
11461	Panorama Hills	420	92	Crocker Creek	94-L			middle Miocene Luisian Stage
11462	Panorama Hills	420	93	Crocker Creek	94-L			middle Miocene Luisian Stage
11463	Panorama Hills	420	94	Crocker Creek	94-L			middle Miocene Luisian Stage
11464	Panorama Hills	420	95	Crocker Creek	94-L			middle Miocene Luisian Stage
11465	Panorama Hills	420	100	Crocker Creek	94-L			middle Miocene Luisian Stage
11466	Panorama Hills	420	101	Crocker Creek	94-L			middle Miocene Luisian Stage
11467	Panorama Hills	420	102	Crocker Creek	94-L			middle Miocene Luisian Stage
11468	Panorama Hills	420	103	Crocker Creek	94-L			middle Miocene Luisian Stage
11469	Panorama Hills	420	104	Crocker Creek	94-L			middle Miocene Luisian Stage
11470	Panorama Hills	420	105	Crocker Creek	94-L			middle Miocene Luisian Stage
11471	Panorama Hills	420	106	Crocker Creek	94-L			middle Miocene Luisian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
11472	Panorama Hills	420	107	Crocker Creek	94-L			middle Miocene Luisian Stage
11473	Panorama Hills	420	108	Crocker Creek	94-L			middle Miocene Luisian Stage
11474	Panorama Hills	420	109	Crocker Creek	94-L			middle Miocene Luisian Stage
11475	Panorama Hills	420	110	Crocker Creek	94-L			middle Miocene Luisian Stage
11476	Panorama Hills	420	111	Crocker Creek	94-L			middle Miocene Luisian Stage
11477	Panorama Hills	420	112	Crocker Creek	94-L			middle Miocene Luisian Stage
11478	Panorama Hills	420	113	Crocker Creek	94-L			middle Miocene Luisian Stage
11479	Panorama Hills	420	114	Crocker Creek	94-L			middle Miocene Luisian Stage
11480	Panorama Hills	420	115	Crocker Creek	94-L			middle Miocene Luisian Stage
11481	Panorama Hills	420	131	Crocker Creek	94-L			middle Miocene Luisian Stage
11482	Panorama Hills	420	132	Crocker Creek	94-L			middle Miocene Luisian Stage
11483	Panorama Hills	420	133	Crocker Creek	94-L			middle Miocene Luisian Stage
11484	Panorama Hills	420	134	Crocker Creek	94-L			middle Miocene Luisian Stage
11485	Panorama Hills	420	135	Crocker Creek	94-L			middle Miocene Luisian Stage
11486	Panorama Hills	420	136	Crocker Creek	94-L			middle Miocene Luisian Stage
11487	Panorama Hills	420	137	Crocker Creek	94-L			middle Miocene Luisian Stage
11488	Panorama Hills	420	138	Crocker Creek	94-L			middle Miocene Luisian Stage
11489	Panorama Hills	420	139	Crocker Creek	94-L			middle Miocene Luisian Stage
11490	Panorama Hills	420	140	Crocker Creek	94-L			middle Miocene Luisian Stage
11491	Panorama Hills	420	141	Crocker Creek	94-L			middle Miocene Luisian Stage
11492	Panorama Hills	420	142	Crocker Creek	94-L			middle Miocene Luisian Stage
11493	Panorama Hills	420	143	Crocker Creek	94-L			early Miocene Relizian Stage
11494	Panorama Hills	420	144	Crocker Creek	94-L			early Miocene Relizian Stage
11495	Panorama Hills	420	145	Crocker Creek	94-L			early Miocene Relizian Stage
11496	Fellows	421	slide 1	Near Mocal Road	95-N	type specimens		Miocene
11497	Fellows	421	1	Near Mocal Road	95-L			Miocene
11498	Fellows	421	2	Near Mocal Road	95-L			Miocene
11499	Fellows	421	3	Near Mocal Road	95-L			Miocene
11500	Fellows	421	4	Near Mocal Road	95-L			Miocene
11501	Fellows	421	5	Near Mocal Road	95-L			Miocene
11502	Fellows	421	6	Near Mocal Road	95-L			Miocene
11503	Fellows	421	7	Near Mocal Road	95-M			Miocene
11504	Fellows	421	9	Near Mocal Road	95-M			Miocene
11505	Fellows	421	10	Near Mocal Road	95-M			Miocene
11506	Fellows	421	11	Near Mocal Road	95-M			Miocene
11507	Fellows	421	12	Near Mocal Road	95-M			Miocene
11508	Fellows	421	13	Near Mocal Road	95-M			Miocene
11509	Fellows	421	14	Near Mocal Road	95-M			Miocene
11510	Fellows	421	15	Near Mocal Road	95-M			Miocene
11511	Fellows	421	15RS	Near Mocal Road	95-M			Miocene
11512	Fellows	421	16	Near Mocal Road	95-M			Miocene
11513	Fellows	421	17	Near Mocal Road	95-M			Miocene
11514	Fellows	421	18	Near Mocal Road	95-M			Miocene
11515	Fellows	421	20	Near Mocal Road	95-M			Miocene
11516	Fellows	421	21	Near Mocal Road	95-M			Miocene
11517	Fellows	421	22	Near Mocal Road	95-M			Miocene
11518	Fellows	421	23	Near Mocal Road	95-M			Miocene
11519	Fellows	421	24	Near Mocal Road	95-M			Miocene
11520	Fellows	421	25	Near Mocal Road	95-M			Miocene
11521	Fellows	421	26	Near Mocal Road	95-M			Miocene
11522	Fellows	421	27	Near Mocal Road	95-M			Miocene
11523	Fellows	421	28	Near Mocal Road	95-M			Miocene
11524	Fellows	421	29	Near Mocal Road	95-M			Miocene
11525	Fellows	421	30	Near Mocal Road	95-M			Miocene
11526	Fellows	421	31	Near Mocal Road	95-M			Miocene
11527	Fellows	421	32	Near Mocal Road	95-M			Miocene
11528	Fellows	421	33	Near Mocal Road	95-M			Miocene
11529	Fellows	421	36	Near Mocal Road	95-M			Miocene
11530	Fellows	421	44	Near Mocal Road	95-M			Miocene
11531	Fellows	421	45	Near Mocal Road	95-M			Miocene
11532	Fellows	421	46	Near Mocal Road	95-M			Miocene
11533	Fellows	421	47	Near Mocal Road	95-M			Miocene
11534	Fellows	421	48	Near Mocal Road	95-M			Miocene
11535	Fellows	421	49	Near Mocal Road	95-M			Miocene
11536	Fellows	421	50	Near Mocal Road	95-M			Miocene
11537	Fellows	421	52	Near Mocal Road	95-M			Miocene
11538	Fellows	421	56	Near Mocal Road	95-M			Miocene
11539	Fellows	421	63	Near Mocal Road	95-M			Miocene
11540	Fellows	421	65	Near Mocal Road	95-M			Miocene
11541	Fellows	421	66	Near Mocal Road	95-M			Miocene
11542	Fellows	421	67	Near Mocal Road	95-M			Miocene
11543	Fellows	421	68	Near Mocal Road	95-M			Miocene
11544	Fellows	421	69	Near Mocal Road	95-M			Miocene
11545	Fellows	421	77	Near Mocal Road	95-M			Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
11546	Fellows	421	82	Near Mocal Road	95-M			Miocene
11547	Fellows	421	83	Near Mocal Road	95-M			Miocene
11548	Fellows	421	85	Near Mocal Road	95-M			Miocene
11549	Fellows	421	89	Near Mocal Road	95-M			Miocene
11550	Fellows	421	95	Near Mocal Road	95-M			Miocene
11551	Fellows	421	96	Near Mocal Road	95-M			Miocene
11552	Fellows	421	97	Near Mocal Road	95-M			Miocene
11553	Fellows	421	98	Near Mocal Road	95-M			Miocene
11554	Fellows	421	102	Near Mocal Road	95-M			Miocene
11555	Panorama Hills	421	117	EC part of quad	95-M			Miocene
11556	Panorama Hills	421	121	EC part of quad	95-M			Miocene
11557	Panorama Hills	421	144	EC part of quad	95-M			Miocene
11558	Panorama Hills	421	145	EC part of quad	95-M			Miocene
11559	Panorama Hills	421	146	EC part of quad	95-M			Miocene
11560	Panorama Hills	421	147	EC part of quad	95-M			Miocene
11561	Panorama Hills	421	148	EC part of quad	95-M			Miocene
11562	Panorama Hills	421	149	EC part of quad	95-M			Miocene
11563	Panorama Hills	421	150	EC part of quad	95-M			Miocene
11564	Panorama Hills	421	151	EC part of quad	95-M			Miocene
11565	Panorama Hills	421	153	EC part of quad	95-M			Miocene
11566	Panorama Hills	421	154	Near Mocal Road	95-M			Miocene
11567	Van Nuys	421	1	Coldwater Cyn Dr	60-A	strat column and	transition	middle and late Miocene Luisian or Mohnian Stage
11568	Van Nuys	421	2	Coldwater Cyn Dr	60-A	foram check list	transition	middle and late Miocene Luisian or Mohnian Stage
11569	Van Nuys	421	3	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11570	Van Nuys	421	4	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11571	Van Nuys	421	5	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11572	Van Nuys	421	6	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11573	Van Nuys	421	7	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11574	Van Nuys	421	8	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11575	Van Nuys	421	9	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11576	Van Nuys	421	10	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11577	Van Nuys	421	11	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11578	Van Nuys	421	12	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11579	Van Nuys	421	13	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11580	Van Nuys	421	14	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11581	Van Nuys	421	15	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11582	Van Nuys	421	16	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11583	Van Nuys	421	17	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11584	Van Nuys	421	18	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11585	Van Nuys	421	19	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11586	Van Nuys	421	20	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11587	Van Nuys	421	21	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11588	Van Nuys	421	22	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11589	Van Nuys	421	23	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11590	Van Nuys	421	24	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11591	Van Nuys	421	25	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11592	Van Nuys	421	26	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11593	Van Nuys	421	27	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11594	Van Nuys	421	28	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11595	Van Nuys	421	29	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11596	Van Nuys	421	30	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11597	Van Nuys	421	31	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11598	Van Nuys	421	32	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11599	Van Nuys	421	33	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11600	Van Nuys	421	34	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11601	Van Nuys	421	35	Coldwater Cyn Dr	60-A		transition	middle and late Miocene Luisian or Mohnian Stage
11602	Van Nuys	421	36	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage
11603	Van Nuys	421	37	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage
11604	Van Nuys	421	38	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage
11605	Van Nuys	421	39	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage
11606	Van Nuys	421	39A	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage
11607	Van Nuys	421	40	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage
11608	Van Nuys	421	41	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage
11609	Van Nuys	421	42	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage
11610	Van Nuys	421	43	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage
11611	Van Nuys	421	44	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage
11612	Van Nuys	421	45	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage
11613	Van Nuys	421	46	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage
11614	Van Nuys	421	47	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage
11615	Van Nuys	421	48	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage
11616	Van Nuys	421	49	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage
11617	Van Nuys	421	50	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage
11618	Van Nuys	421	51	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage
11619	Van Nuys	421	52	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
11620	Van Nuys	421	53	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage
11621	Van Nuys	421	54	Coldwater Cyn Dr	60-A			middle and late Miocene lower Mohnian Stage
11622	Van Nuys	421	54A	Coldwater Cyn Dr	60-B			middle and late Miocene lower Mohnian Stage
11623	Van Nuys	421	55	Coldwater Cyn Dr	60-B			middle and late Miocene lower Mohnian Stage
11624	Van Nuys	421	56	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11625	Van Nuys	421	57	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11626	Van Nuys	421	57A	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11627	Van Nuys	421	58	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11628	Van Nuys	421	59	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11629	Van Nuys	421	60	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11630	Van Nuys	421	61	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11631	Van Nuys	421	62	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11632	Van Nuys	421	63	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11633	Van Nuys	421	64	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11634	Van Nuys	421	65	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11635	Van Nuys	421	66	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11636	Van Nuys	421	67	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11637	Van Nuys	421	68	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11638	Van Nuys	421	69	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11639	Van Nuys	421	70	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11640	Van Nuys	421	70A	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11641	Van Nuys	421	70B	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11642	Van Nuys	421	71	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11643	Van Nuys	421	72	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11644	Van Nuys	421	73	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11645	Van Nuys	421	74	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11646	Van Nuys	421	74A	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11647	Van Nuys	421	74B	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11648	Van Nuys	421	74C	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11649	Van Nuys	421	74D	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11650	Van Nuys	421	74E	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11651	Van Nuys	421	74F	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11652	Van Nuys	421	74G	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11653	Van Nuys	421	74H	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11654	Van Nuys	421	74I	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11655	Van Nuys	421	74J	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11656	Van Nuys	421	75	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11657	Van Nuys	421	75A	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11658	Van Nuys	421	76	Coldwater Cyn Dr	60-B			middle and late Miocene Mohnian Stage
11659	Van Nuys	421	77	Coldwater Cyn Dr	60-B			middle and late Miocene upper Mohnian Stage
11660	Van Nuys	421	78	Coldwater Cyn Dr	60-B			middle and late Miocene upper Mohnian Stage
11661	Van Nuys	421	79	Coldwater Cyn Dr	60-B			middle and late Miocene upper Mohnian Stage
11662	Van Nuys	421	80	Coldwater Cyn Dr	60-B			middle and late Miocene upper Mohnian Stage
11663	Van Nuys	421	81	Coldwater Cyn Dr	60-B			middle and late Miocene upper Mohnian Stage
11664	Van Nuys	421	82	Coldwater Cyn Dr	60-B			middle and late Miocene upper Mohnian Stage
11665	Van Nuys	421	83	Coldwater Cyn Dr	60-B			middle and late Miocene upper Mohnian Stage
11666	Van Nuys	421	84	Coldwater Cyn Dr	60-B			middle and late Miocene upper Mohnian Stage
11667	Van Nuys	421	84A	Coldwater Cyn Dr	60-B			middle and late Miocene upper Mohnian Stage
11668	Van Nuys	421	85	Coldwater Cyn Dr	60-B			middle and late Miocene upper Mohnian Stage
11669	Van Nuys	421	86	Coldwater Cyn Dr	60-B			middle and late Miocene upper Mohnian Stage
11670	Van Nuys	421	87	Coldwater Cyn Dr	60-B			middle and late Miocene upper Mohnian Stage
11671	Van Nuys	421	88	Coldwater Cyn Dr	60-B			middle and late Miocene upper Mohnian Stage
11672	Van Nuys	421	89	Coldwater Cyn Dr	60-B			middle and late Miocene upper Mohnian Stage
11673	Van Nuys	421	90	Coldwater Cyn Dr	60-B			middle and late Miocene upper Mohnian Stage
11674	Van Nuys	421	91	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11675	Van Nuys	421	92	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11676	Van Nuys	421	93	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11677	Van Nuys	421	94	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11678	Van Nuys	421	95	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11679	Van Nuys	421	96	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11680	Van Nuys	421	120	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11681	Van Nuys	421	121	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11682	Van Nuys	421	122	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11683	Van Nuys	421	123	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11684	Van Nuys	421	124	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11685	Van Nuys	421	124A	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11686	Van Nuys	421	125	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11687	Van Nuys	421	126	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11688	Van Nuys	421	127	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11689	Van Nuys	421	127A	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11690	Van Nuys	421	128	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11691	Van Nuys	421	128A	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11692	Van Nuys	421	129	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11693	Van Nuys	421	130	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
11694	Van Nuys	421	130A	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11695	Van Nuys	421	131	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11696	Van Nuys	421	131A	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11697	Van Nuys	421	132	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11698	Van Nuys	421	133	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11699	Van Nuys	421	1`34	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11700	Van Nuys	421	135	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11701	Van Nuys	421	136	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11702	Van Nuys	421	137	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11703	Van Nuys	421	137A	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11704	Van Nuys	421	138	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11705	Van Nuys	421	138A	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11706	Van Nuys	421	138B	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11707	Van Nuys	421	139	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11708	Van Nuys	421	140	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11709	Van Nuys	421	141142	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11710	Van Nuys	421	143	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11711	Van Nuys	421	144	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11712	Van Nuys	421	144A	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11713	Van Nuys	421	145	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11714	Van Nuys	421	146	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11715	Van Nuys	421	147	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11716	Van Nuys	421	148	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11717	Van Nuys	421	149	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11718	Van Nuys	421	150	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11719	Van Nuys	421	151	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11720	Van Nuys	421	151A	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11721	Van Nuys	421	151B	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11722	Van Nuys	421	152	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11723	Van Nuys	421	153	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11724	Van Nuys	421	154	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11725	Van Nuys	421	155	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11726	Van Nuys	421	156	Coldwater Cyn Dr	60-C			middle and late Miocene upper Mohnian Stage
11727	Van Nuys	421	156A	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11728	Van Nuys	421	156B	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11729	Van Nuys	421	156C	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11730	Van Nuys	421	157	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11731	Van Nuys	421	157A	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11732	Van Nuys	421	158	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11733	Van Nuys	421	159	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11734	Van Nuys	421	160	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11735	Van Nuys	421	161	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11736	Van Nuys	421	162	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11737	Van Nuys	421	163	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11738	Van Nuys	421	164	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11739	Van Nuys	421	165	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11740	Van Nuys	421	166	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11741	Van Nuys	421	167167A	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11742	Van Nuys	421	168	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11743	Van Nuys	421	169	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11744	Van Nuys	421	170	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11745	Van Nuys	421	171	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11746	Van Nuys	421	171A	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11747	Van Nuys	421	172	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11748	Van Nuys	421	173	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11749	Van Nuys	421	174	Coldwater Cyn Dr	60-D			middle and late Miocene upper Mohnian Stage
11750	Topo Valley	423		SW part of quad	no slide	ostracods	Pancho Rico	Pliocene
11751	Eagle Rest Peak	424	57X	San Emigdio Creek	94-F	Mallory's samples		Eocene
11752	Eagle Rest Peak	424	61X	San Emigdio Creek	94-F			Eocene
11753	Eagle Rest Peak	424	62AX	San Emigdio Creek	94-F			Eocene
11754	Eagle Rest Peak	424	62BX	San Emigdio Creek	94-F			Eocene
11755	Eagle Rest Peak	424	62CX	San Emigdio Creek	94-F			Eocene
11756	Eagle Rest Peak	424	64AX	San Emigdio Creek	94-F			Eocene
11757	Eagle Rest Peak	424	64BX	San Emigdio Creek	94-F			Eocene
11758	Eagle Rest Peak	424	65AX	San Emigdio Creek	94-F			Eocene
11759	Eagle Rest Peak	424	65BX	San Emigdio Creek	94-F			Eocene
11760	Eagle Rest Peak	424	65CX	San Emigdio Creek	94-F			Eocene
11761	Topo Valley	424		SW part of quad	no slide		Pancho Rico	Pliocene
11762	Van Nuys	424	2	Near Mulholland	59-J	#1-97 on map		middle and late Miocene upper Mohnian Stage
11763	Van Nuys	424	3	Near Mulholland	59-J	see strat column		middle and late Miocene Mohnian Stage
11764	Van Nuys	424	4	Near Mulholland	59-J	lot #337		middle and late Miocene Mohnian Stage
11765	Van Nuys	424	3A	Near Mulholland	59-J			middle and late Miocene Mohnian Stage
11766	Van Nuys	424	3B	Near Mulholland	59-J			middle and late Miocene Mohnian Stage
11767	Van Nuys	424	3C	Near Mulholland	59-J			middle and late Miocene Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
11768	Van Nuys	424	5	Near Mulholland	59-J			middle and late Miocene Mohnian Stage
11769	Van Nuys	424	6	Near Mulholland	59-J			middle and late Miocene Mohnian Stage
11770	Van Nuys	424	7	Near Mulholland	59-J			middle and late Miocene Mohnian Stage
11771	Van Nuys	424	8	Near Mulholland	59-J			middle and late Miocene Mohnian Stage
11772	Van Nuys	424	9	Near Mulholland	59-J			middle and late Miocene lower Mohnian Stage
11773	Van Nuys	424	11	Near Mulholland	59-J			middle and late Miocene lower Mohnian Stage
11774	Van Nuys	424	12	Near Mulholland	59-J			middle and late Miocene lower Mohnian Stage
11775	Van Nuys	424	12A	Near Mulholland	59-J			middle and late Miocene lower Mohnian Stage
11776	Van Nuys	424	13	Near Mulholland	59-J			middle and late Miocene lower Mohnian Stage
11777	Van Nuys	424	13A	Near Mulholland	59-J			middle and late Miocene lower Mohnian Stage
11778	Van Nuys	424	14	Near Mulholland	59-J			middle and late Miocene lower Mohnian Stage
11779	Van Nuys	424	15	Near Mulholland	59-J			middle and late Miocene lower Mohnian Stage
11780	Van Nuys	424	16	Near Mulholland	59-K			middle and late Miocene lower Mohnian Stage
11781	Van Nuys	424	17	Near Mulholland	59-K			middle and late Miocene lower Mohnian Stage
11782	Van Nuys	424	17A	Near Mulholland	59-K			middle and late Miocene lower Mohnian Stage
11783	Van Nuys	424	18	Near Mulholland	59-K			middle and late Miocene lower Mohnian Stage
11784	Van Nuys	424	18A	Near Mulholland	59-K			middle and late Miocene lower Mohnian Stage
11785	Van Nuys	424	19	Near Mulholland	59-K			middle and late Miocene lower Mohnian Stage
11786	Van Nuys	424	19A	Near Mulholland	59-K			middle and late Miocene lower Mohnian Stage
11787	Van Nuys	424	20	Near Mulholland	59-K			middle and late Miocene lower Mohnian Stage
11788	Van Nuys	424	21	Near Mulholland	59-K			middle and late Miocene lower Mohnian Stage
11789	Van Nuys	424	22	Near Mulholland	59-K			middle and late Miocene lower Mohnian Stage
11790	Van Nuys	424	23	Near Mulholland	59-K			middle and late Miocene lower Mohnian Stage
11791	Van Nuys	424	24	Near Mulholland	59-K			middle and late Miocene lower Mohnian Stage
11792	Van Nuys	424	25	Near Mulholland	59-K			middle and late Miocene lower Mohnian Stage
11793	Van Nuys	424	26	Near Mulholland	59-K			middle and late Miocene lower Mohnian Stage
11794	Van Nuys	424	27	Near Mulholland	59-K			middle and late Miocene lower Mohnian Stage
11795	Van Nuys	424	28	Near Mulholland	59-K			middle and late Miocene lower Mohnian Stage
11796	Van Nuys	424	29	Near Mulholland	59-K		transition	middle and late Miocene Luisian or Mohnian Stage
11797	Van Nuys	424	30	Near Mulholland	59-K		transition	middle and late Miocene Luisian or Mohnian Stage
11798	Eagle Rest Peak	425	47	San Emigdio Creek	94-E	32/10N/21W	has NP	early Eocene Discoaster lodoensis Zone
11799	Eagle Rest Peak	425	48	San Emigdio Creek	94-E		has NP	early Eocene Discoaster lodoensis Zone
11800	Eagle Rest Peak	425	49	San Emigdio Creek	94-E		has NP	early Eocene Discoaster lodoensis Zone
11801	Eagle Rest Peak	425	49A	San Emigdio Creek	94-E		not on map	middle Eocene
11802	Eagle Rest Peak	425	51	San Emigdio Creek	94-E		not on map	middle Eocene
11803	Eagle Rest Peak	425	52	San Emigdio Creek	94-E		not on map	middle Eocene
11804	Eagle Rest Peak	425	53	San Emigdio Creek	94-E		not on map	middle Eocene
11805	Eagle Rest Peak	425	53A	San Emigdio Creek	94-E		not on map	middle Eocene
11806	Eagle Rest Peak	425	54	San Emigdio Creek	94-E		not on map	middle Eocene
11807	Eagle Rest Peak	425	55	San Emigdio Creek	94-E		not on map	middle Eocene
11808	Eagle Rest Peak	425	56	San Emigdio Creek	94-E		not on map	middle Eocene
11809	Eagle Rest Peak	425	57	San Emigdio Creek	94-E		not on map	middle Eocene
11810	Eagle Rest Peak	425	66	San Emigdio Creek	94-E		not on map	middle Eocene
11811	Eagle Rest Peak	425	67	San Emigdio Creek	94-E		not on map	middle Eocene
11812	Eagle Rest Peak	425	68	San Emigdio Creek	94-E		not on map	middle Eocene
11813	Eagle Rest Peak	425	69	San Emigdio Creek	94-E		not on map	middle Eocene
11814	Eagle Rest Peak	425	70	San Emigdio Creek	94-E		not on map	middle Eocene
11815	Topo Valley	425		SE corner of quad	no slide		Paso Robles	Pliocene
11816	Devils Heart Peak	426	1	San Emigdio Creek	55-D	see loc # 169 for		Paleocene?
11817	Devils Heart Peak	426	2	Sespe Hot Springs	55-D	strat column		Paleocene?
11818	Devils Heart Peak	426	3	Sespe Hot Springs	55-D			Paleocene?
11819	Devils Heart Peak	426	4	Sespe Hot Springs	55-D			Paleocene?
11820	Devils Heart Peak	426	5	Sespe Hot Springs	55-D			Paleocene?
11821	Devils Heart Peak	426	6	Sespe Hot Springs	55-D			Paleocene?
11822	Devils Heart Peak	426	7	Sespe Hot Springs	55-D			Paleocene?
11823	Devils Heart Peak	426	8	Sespe Hot Springs	55-D			Paleocene?
11824	Devils Heart Peak	426	9	Sespe Hot Springs	55-D			Paleocene?
11825	Devils Heart Peak	426	10	Sespe Hot Springs	55-D			Paleocene?
11826	Devils Heart Peak	426	11	Sespe Hot Springs	55-D			Paleocene?
11827	Devils Heart Peak	426	12	Sespe Hot Springs	55-D			Paleocene?
11828	Devils Heart Peak	426	13	Sespe Hot Springs	55-D			Paleocene?
11829	Devils Heart Peak	426	14	Sespe Hot Springs	55-D			Paleocene?
11830	Topo Valley	426		center of quad	no slide			early Miocene Relizian? Stage
11831	Topo Valley	426		Greenfield 15'	A-7	L Rabbit Valy area	Pancho Rico F	Pliocene?
11832	Devils Heart Peak	427	1	Hot Springs Road	55-C	see loc # 169 for		Paleocene?
11833	Devils Heart Peak	427	2	Hot Springs Road	55-C	strat column		Paleocene?
11834	Devils Heart Peak	427	3	Hot Springs Road	55-C			Paleocene?
11835	Devils Heart Peak	427	4	Hot Springs Road	55-C			Paleocene?
11836	Devils Heart Peak	427	5	Hot Springs Road	55-C			Paleocene?
11837	Devils Heart Peak	427	7	Hot Springs Road	55-C			Paleocene?
11838	Devils Heart Peak	427	8	Hot Springs Road	55-C			Paleocene?
11839	Devils Heart Peak	427	9	Hot Springs Road	55-C			Paleocene?
11840	Topo Valley	427		center of quad	no slide			early Miocene Relizian? Stage
11841	Devils Heart Peak	428	0	Sespe Creek	60-J			middle Eocene A-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
11842	Devils Heart Peak	428	8	Sespe Creek	60-J			middle Eocene A-2 Zone
11843	Devils Heart Peak	428	9	Sespe Creek	60-J			middle Eocene A-2 Zone
11844	Devils Heart Peak	428	10	Sespe Creek	60-J			middle Eocene A-2 Zone
11845	Devils Heart Peak	428	11	Sespe Creek	60-J			middle Eocene A-2 Zone
11846	Devils Heart Peak	428	12	Sespe Creek	60-J			middle Eocene A-2 Zone
11847	Devils Heart Peak	428	13	Sespe Creek	60-J			middle Eocene A-2 Zone
11848	Devils Heart Peak	428	14	Sespe Creek	60-J			middle Eocene A-2 Zone
11849	Devils Heart Peak	428	17	Sespe Creek	60-J			middle Eocene A-2 Zone
11850	Devils Heart Peak	428	19	Sespe Creek	60-J			middle Eocene A-2 Zone
11851	Devils Heart Peak	428	20	Sespe Creek	60-J			middle Eocene A-2 Zone
11852	Devils Heart Peak	428	21	Sespe Creek	60-J			middle Eocene A-2 Zone
11853	Devils Heart Peak	428	22	Sespe Creek	60-J			middle Eocene A-2 Zone
11854	Devils Heart Peak	428	23	Sespe Creek	60-J			middle Eocene A-2 Zone
11855	Devils Heart Peak	428	24	Sespe Creek	60-J			middle Eocene A-2 Zone
11856	Devils Heart Peak	428	25	Sespe Creek	60-J			middle Eocene A-2 Zone
11857	Devils Heart Peak	428	26	Sespe Creek	60-J			middle Eocene A-2 Zone
11858	Devils Heart Peak	428	27	Sespe Creek	60-J			middle Eocene A-2 Zone
11859	Devils Heart Peak	428	28	Sespe Creek	60-K			middle Eocene A-2 Zone
11860	Devils Heart Peak	428	29	Sespe Creek	60-K			middle Eocene A-2 Zone
11861	Devils Heart Peak	428	30	Sespe Creek	60-K			middle Eocene A-2 Zone
11862	Devils Heart Peak	428	31	Sespe Creek	60-K			middle Eocene A-2 Zone
11863	Devils Heart Peak	428	32	Sespe Creek	60-K			middle Eocene A-2 Zone
11864	Devils Heart Peak	428	33	Sespe Creek	60-K			middle Eocene A-2 Zone
11865	Devils Heart Peak	428	34	Sespe Creek	60-K			middle Eocene A-2 Zone
11866	Devils Heart Peak	428	35	Sespe Creek	60-K			middle Eocene A-2 Zone
11867	Devils Heart Peak	428	36	Sespe Creek	60-K			middle Eocene A-2 Zone
11868	Devils Heart Peak	428	37	Sespe Creek	60-K			middle Eocene A-2 Zone
11869	Devils Heart Peak	428	39	Sespe Creek	60-K			middle Eocene A-2 Zone
11870	Devils Heart Peak	428	40	Sespe Creek	60-K			middle Eocene A-2 Zone
11871	Devils Heart Peak	428	41	Sespe Creek	60-K			middle Eocene A-2 Zone
11872	Devils Heart Peak	428	42	Sespe Creek	60-K			middle Eocene A-2 Zone
11873	Devils Heart Peak	428	43	Sespe Creek	60-K			middle Eocene A-2 Zone
11874	Devils Heart Peak	428	44	Sespe Creek	60-K			middle Eocene A-2 Zone
11875	Devils Heart Peak	428	45	Sespe Creek	60-K			middle Eocene A-2 Zone
11876	Devils Heart Peak	428	46	Sespe Creek	60-K			middle Eocene A-2 Zone
11877	Devils Heart Peak	428	47	Sespe Creek	60-K			middle Eocene A-2 Zone
11878	Devils Heart Peak	428	48	Sespe Creek	60-K			middle Eocene A-2 Zone
11879	Devils Heart Peak	428	49	Sespe Creek	60-K			middle Eocene A-2 Zone
11880	Devils Heart Peak	428	50	Sespe Creek	60-K			middle Eocene A-2 Zone
11881	Devils Heart Peak	428	51	Sespe Creek	60-K			middle Eocene A-2 Zone
11882	Devils Heart Peak	428	52	Sespe Creek	60-K			middle Eocene A-2 Zone
11883	Devils Heart Peak	428	53	Sespe Creek	60-K			middle Eocene A-2 Zone
11884	Devils Heart Peak	428	55	Sespe Creek	60-K			middle Eocene A-2 Zone
11885	Devils Heart Peak	428	56	Sespe Creek	60-K			middle Eocene A-2 Zone
11886	Devils Heart Peak	428	59	Sespe Creek	60-K			middle Eocene A-2 Zone
11887	Devils Heart Peak	428	61	Sespe Creek	60-K			middle Eocene A-2 Zone
11888	Devils Heart Peak	428	62	Sespe Creek	60-K			middle Eocene A-2 Zone
11889	Devils Heart Peak	428	63	Sespe Creek	60-K			middle Eocene A-2 Zone
11890	Devils Heart Peak	428	64	Sespe Creek	60-K			middle Eocene A-2 Zone
11891	Devils Heart Peak	428	65	Sespe Creek	60-K			middle Eocene A-2 Zone
11892	Topo Valley	428		center of quad	no slide			early Miocene Relizian? Stage
11893	Fellows	430	3	WC part of quad	no slide			late Miocene
11894	Fellows	430	11	WC part of quad	no slide			late Miocene
11895	Fellows	431	108	McLeod Canyon	97-L			early Miocene Relizian Stage
11896	Fellows	431	109	McLeod Canyon	97-L			early Miocene Relizian Stage
11897	Fellows	431	110	McLeod Canyon	97-L			early Miocene Relizian Stage
11898	Fellows	431	111	McLeod Canyon	97-L			early Miocene Relizian Stage
11899	Matilija	431	5200	ARCO pipeline	55-A	Ortega anticl		Eocene
11900	Matilija	431	5250	ARCO pipeline	55-A			Eocene
11901	Matilija	431	5300	ARCO pipeline	55-A			Eocene
11902	Matilija	431	5350	ARCO pipeline	55-A			Eocene
11903	Matilija	431	5450	ARCO pipeline	55-A			Eocene
11904	Matilija	431	5550	ARCO pipeline	55-A			Eocene
11905	Matilija	431	5700	ARCO pipeline	55-A			Eocene
11906	Matilija	431	5750	ARCO pipeline	55-A			Eocene
11907	Matilija	431	5800	ARCO pipeline	55-A			Eocene
11908	Matilija	431	5850	ARCO pipeline	55-A			Eocene
11909	Matilija	431	5900	ARCO pipeline	55-A			Eocene
11910	Matilija	431	5950	ARCO pipeline	55-A			Eocene
11911	Matilija	431	6000	ARCO pipeline	55-A			Eocene
11912	Matilija	431	6050	ARCO pipeline	55-A			Eocene
11913	Matilija	431	6100	ARCO pipeline	55-A			Eocene
11914	Matilija	431	6150	ARCO pipeline	55-A			Eocene
11915	Matilija	431	6250	ARCO pipeline	55-A			Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
11916	Matilija	431	6350	ARCO pipeline	55-A			Eocene
11917	Matilija	431	6450	ARCO pipeline	55-A			Eocene
11918	Matilija	431	6550	ARCO pipeline	55-A			Eocene
11919	Matilija	431	6650	ARCO pipeline	55-A			Eocene
11920	Matilija	431	6700	ARCO pipeline	55-A			Eocene
11921	Matilija	431	7100	ARCO pipeline	55-A			Eocene
11922	Matilija	431	7200	ARCO pipeline	55-A			Eocene
11923	Matilija	431	7300	ARCO pipeline	55-A			Eocene
11924	Matilija	431	7450	ARCO pipeline	55-A			Eocene
11925	Matilija	431	7650	ARCO pipeline	55-A			Eocene
11926	Matilija	431	8000	ARCO pipeline	55-A			Eocene
11927	Matilija	431	8100	ARCO pipeline	55-A			Eocene
11928	Matilija	431	8150	ARCO pipeline	55-A			Eocene
11929	Matilija	431	8200	ARCO pipeline	55-A			Eocene
11930	Matilija	431	8400	ARCO pipeline	55-A			Eocene
11931	Matilija	431	8700	ARCO pipeline	55-A			Eocene
11932	Matilija	431	8750	ARCO pipeline	55-A			Eocene
11933	Matilija	431	8800	ARCO pipeline	55-A			Eocene
11934	Matilija	431	9000	ARCO pipeline	55-A			Eocene
11935	Matilija	431	9950	ARCO pipeline	55-A			Eocene
11936	Matilija	431	10050	ARCO pipeline	55-A			Eocene
11937	Matilija	431	10450	ARCO pipeline	55-A			Eocene
11938	Matilija	431	10550	ARCO pipeline	55-A			Eocene
11939	Matilija	431	10600	ARCO pipeline	55-A			Eocene
11940	Matilija	431	10950	ARCO pipeline	55-A			Eocene
11941	Matilija	431	11150	ARCO pipeline	55-A			Eocene
11942	Matilija	431	11450	ARCO pipeline	55-A			Eocene
11943	Matilija	431	11600	ARCO pipeline	55-A			Eocene
11944	Matilija	431	50	ARCO pipeline	55-D	WOS		Eocene
11945	Matilija	431	100	ARCO pipeline	55-D			Eocene
11946	Matilija	431	150	ARCO pipeline	55-D			Eocene
11947	Matilija	431	300	ARCO pipeline	55-D			Eocene
11948	Matilija	431	350	ARCO pipeline	55-D			Eocene
11949	Matilija	431	450	ARCO pipeline	55-D			Eocene
11950	Matilija	431	550	ARCO pipeline	55-D	SRACS		Eocene
11951	Matilija	431	600	ARCO pipeline	55-D			Eocene
11952	Matilija	431	700	ARCO pipeline	55-D			Eocene
11953	Matilija	431	900	ARCO pipeline	55-D			Eocene
11954	Matilija	431	1050	ARCO pipeline	55-D			Eocene
11955	Wheeler Springs	431	many	WC part of quad	55-D		strat column	Eocene
11956	Santa Paula Peak	433	1	E Santa Paula Ck	56-J	see loc 360 for		middle Eocene A-2 Zone
11957	Santa Paula Peak	433	3	E Santa Paula Ck	56-J	strat column and		middle Eocene A-2 Zone
11958	Santa Paula Peak	433	4	E Santa Paula Ck	56-J	foram check list		middle Eocene A-2 Zone
11959	Santa Paula Peak	433	5	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11960	Santa Paula Peak	433	7	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11961	Santa Paula Peak	433	9	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11962	Santa Paula Peak	433	10	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11963	Santa Paula Peak	433	11	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11964	Santa Paula Peak	433	12	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11965	Santa Paula Peak	433	13	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11966	Santa Paula Peak	433	14	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11967	Santa Paula Peak	433	15	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11968	Santa Paula Peak	433	16	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11969	Santa Paula Peak	433	18	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11970	Santa Paula Peak	433	19	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11971	Santa Paula Peak	433	20	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11972	Santa Paula Peak	433	21	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11973	Santa Paula Peak	433	22	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11974	Santa Paula Peak	433	23	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11975	Santa Paula Peak	433	24	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11976	Santa Paula Peak	433	25	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11977	Santa Paula Peak	433	26	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11978	Santa Paula Peak	433	27	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11979	Santa Paula Peak	433	28	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11980	Santa Paula Peak	433	28	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11981	Santa Paula Peak	433	30	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11982	Santa Paula Peak	433	31	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11983	Santa Paula Peak	433	32	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11984	Santa Paula Peak	433	33	E Santa Paula Ck	56-J			middle Eocene A-2 Zone
11985	Elkhorn Hills	434	61	NE corner of quad	108-J			late Miocene Delmontian Stage
11986	Elkhorn Hills	434	80	NE corner of quad	108-J			late Miocene Delmontian Stage
11987	Elkhorn Hills	434	191	NE corner of quad	108-J			middle and late Miocene Luisian or Mohnian Stage
11988	Elkhorn Hills	434	207	NE corner of quad	108-J			middle and late Miocene lower Mohnian Stage
11989	Elkhorn Hills	434	208	NE corner of quad	108-J			middle and late Miocene lower Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
11990	Elkhorn Hills	434	210	NE corner of quad	108-J			middle and late Miocene lower Mohnian Stage
11991	Elkhorn Hills	434	211	NE corner of quad	108-J			middle and late Miocene lower Mohnian Stage
11992	Elkhorn Hills	434	212	NE corner of quad	108-J			middle and late Miocene lower Mohnian Stage
11993	Elkhorn Hills	434	214	NE corner of quad	108-J			middle and late Miocene lower Mohnian Stage
11994	Elkhorn Hills	434	217	NE corner of quad	108-J			middle and late Miocene lower Mohnian Stage
11995	Elkhorn Hills	434	231	NE corner of quad	108-J			middle and late Miocene lower Mohnian Stage
11996	Elkhorn Hills	434	237	NE corner of quad	108-J			middle and late Miocene lower Mohnian Stage
11997	Elkhorn Hills	434	241	NE corner of quad	108-K			middle and late Miocene lower Mohnian Stage
11998	Elkhorn Hills	434	242	NE corner of quad	108-K			middle and late Miocene lower Mohnian Stage
11999	Elkhorn Hills	434	243	NE corner of quad	108-K			middle and late Miocene lower Mohnian Stage
12000	Elkhorn Hills	434	244	NE corner of quad	108-K			middle and late Miocene lower Mohnian Stage
12001	Elkhorn Hills	434	245	NE corner of quad	108-K			middle and late Miocene lower Mohnian Stage
12002	Elkhorn Hills	434	246	NE corner of quad	108-K			middle and late Miocene lower Mohnian Stage
12003	Elkhorn Hills	434	247	NE corner of quad	108-K			middle and late Miocene lower Mohnian Stage
12004	Elkhorn Hills	434	248	NE corner of quad	108-K			middle and late Miocene lower Mohnian Stage
12005	Elkhorn Hills	434	249	NE corner of quad	108-K			middle and late Miocene lower Mohnian Stage
12006	Elkhorn Hills	434	250	NE corner of quad	108-K			middle Miocene Luisian Stage
12007	Elkhorn Hills	434	251	NE corner of quad	108-K			middle Miocene Luisian Stage
12008	Elkhorn Hills	434	253	NE corner of quad	108-K			middle Miocene Luisian Stage
12009	Elkhorn Hills	434	254	NE corner of quad	108-K			middle Miocene Luisian Stage
12010	Elkhorn Hills	434	255	NE corner of quad	108-K			middle Miocene Luisian Stage
12011	Elkhorn Hills	434	256	NE corner of quad	108-K			middle Miocene Luisian Stage
12012	Elkhorn Hills	434	257	NE corner of quad	108-K			middle Miocene Luisian Stage
12013	Elkhorn Hills	434	258	NE corner of quad	108-K			middle Miocene Luisian Stage
12014	Elkhorn Hills	434	259	NE corner of quad	108-K			middle Miocene Luisian Stage
12015	Elkhorn Hills	434	260	NE corner of quad	108-K			middle Miocene Luisian Stage
12016	Elkhorn Hills	434	261	NE corner of quad	108-K			middle Miocene Luisian Stage
12017	Elkhorn Hills	434	262	NE corner of quad	108-K			middle Miocene Luisian Stage
12018	Elkhorn Hills	434	263	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12019	Elkhorn Hills	434	264	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12020	Elkhorn Hills	434	265	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12021	Elkhorn Hills	434	266	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12022	Elkhorn Hills	434	267	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12023	Elkhorn Hills	434	268	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12024	Elkhorn Hills	434	269	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12025	Elkhorn Hills	434	270	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12026	Elkhorn Hills	434	271	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12027	Elkhorn Hills	434	272	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12028	Elkhorn Hills	434	273	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12029	Elkhorn Hills	434	274	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12030	Elkhorn Hills	434	276	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12031	Elkhorn Hills	434	277	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12032	Elkhorn Hills	434	278	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12033	Elkhorn Hills	434	279	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12034	Elkhorn Hills	434	280	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12035	Elkhorn Hills	434	281	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12036	Elkhorn Hills	434	282	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12037	Elkhorn Hills	434	283	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12038	Elkhorn Hills	434	287	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12039	Elkhorn Hills	434	288	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12040	Elkhorn Hills	434	292	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12041	Elkhorn Hills	434	293	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12042	Elkhorn Hills	434	294	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12043	Elkhorn Hills	434	295	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12044	Elkhorn Hills	434	297	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12045	Elkhorn Hills	434	298	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12046	Elkhorn Hills	434	299	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12047	Elkhorn Hills	434	300	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12048	Elkhorn Hills	434	301	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12049	Elkhorn Hills	434	302	NE corner of quad	108-K			Oligocene Zemorrian or early Miocene Saucesian Stage
12050	Elkhorn Hills	434	303	NE corner of quad	108-L			Oligocene Zemorrian or early Miocene Saucesian Stage
12051	Elkhorn Hills	434	304	NE corner of quad	108-L			Oligocene Zemorrian or early Miocene Saucesian Stage
12052	Elkhorn Hills	434	305	NE corner of quad	108-L			Oligocene Zemorrian or early Miocene Saucesian Stage
12053	Elkhorn Hills	434	306	NE corner of quad	108-L			Oligocene Zemorrian or early Miocene Saucesian Stage
12054	Maricopa	435	20	NW of Maricopa	27-M			late Miocene
12055	Maricopa	435	23	NW of Maricopa	27-M			late Miocene
12056	Maricopa	435	24	NW of Maricopa	27-M			late Miocene
12057	Maricopa	435	27	NW of Maricopa	27-M			late Miocene
12058	Maricopa	435	30	NW of Maricopa	27-M			late Miocene
12059	Maricopa	435	31	NW of Maricopa	27-M			late Miocene
12060	Maricopa	435	32	NW of Maricopa	27-M			late Miocene
12061	Maricopa	435	34	NW of Maricopa	27-M			late Miocene
12062	Maricopa	435	38	NW of Maricopa	27-M			late Miocene
12063	Maricopa	435	39	NW of Maricopa	27-M			late Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
12064	Maricopa	435	40	NW of Maricopa	27-M			late Miocene
12065	Maricopa	435	41	NW of Maricopa	27-M			late Miocene
12066	Maricopa	435	42	NW of Maricopa	27-M			late Miocene
12067	Maricopa	435	43	NW of Maricopa	27-M			late Miocene
12068	Maricopa	435	44	NW of Maricopa	27-M			late Miocene
12069	Maricopa	435	45	NW of Maricopa	27-M			late Miocene
12070	Maricopa	435	46	NW of Maricopa	27-M			late Miocene
12071	Maricopa	435	47	NW of Maricopa	27-M			late Miocene
12072	Maricopa	435	48	NW of Maricopa	27-M			late Miocene
12073	Maricopa	435	49	NW of Maricopa	27-M			late Miocene
12074	Maricopa	435	50	NW of Maricopa	27-M			late Miocene
12075	Maricopa	435	51	NW of Maricopa	27-M			late Miocene
12076	Maricopa	435	52	NW of Maricopa	27-M			late Miocene
12077	Maricopa	435	53	NW of Maricopa	27-M			late Miocene
12078	Maricopa	435	54	NW of Maricopa	27-M			late Miocene
12079	Maricopa	435	55	NW of Maricopa	27-M			late Miocene
12080	Maricopa	435	56	NW of Maricopa	27-M			middle Miocene
12081	Maricopa	435	57	NW of Maricopa	27-M			middle Miocene
12082	Maricopa	435	58	NW of Maricopa	27-M			middle Miocene
12083	Maricopa	435	59	NW of Maricopa	27-M			middle Miocene
12084	Maricopa	435	60	NW of Maricopa	27-M			middle Miocene
12085	Maricopa	435	61	NW of Maricopa	27-M			middle Miocene
12086	Maricopa	435	62	NW of Maricopa	27-M			middle Miocene
12087	Maricopa	435	63	NW of Maricopa	27-M			middle Miocene
12088	Maricopa	435	64	NW of Maricopa	27-M			middle Miocene
12089	Maricopa	435	65	NW of Maricopa	27-M			middle Miocene
12090	Maricopa	435	66	NW of Maricopa	27-M			middle Miocene
12091	Maricopa	435	67	NW of Maricopa	27-M			middle Miocene
12092	Maricopa	435	68	NW of Maricopa	27-M			middle Miocene
12093	Maricopa	435	69	NW of Maricopa	27-M			middle Miocene
12094	Charleston School	436	232	SC part of quad	142-C	Ortigalita Pk 15'		Eocene
12095	Laguna Seca Ranch	436	205	NE part of quad	142-C	strat column	age from map	Late Cretaceous D-2 Zone
12096	Laguna Seca Ranch	436	209	NE part of quad	142-C	Ortigalita Pk 15'	age from map	Late Cretaceous D-1 Zone
12097	Laguna Seca Ranch	436	212	NE part of quad	142-C	Ortigalita Pk 15'	age from map	Late Cretaceous D-1 Zone
12098	Laguna Seca Ranch	436	213	NE part of quad	142-C	Ortigalita Pk 15'	age from map	Late Cretaceous D-1 Zone
12099	Laguna Seca Ranch	436	214	NE part of quad	142-C	Ortigalita Pk 15'	age from map	Late Cretaceous D-1 Zone
12100	Laguna Seca Ranch	436	215A	NE part of quad	142-C	Ortigalita Pk 15'	age from map	Late Cretaceous D-1 Zone
12101	Laguna Seca Ranch	436	215B	NE part of quad	142-C	Ortigalita Pk 15'	age from map	Late Cretaceous D-1 Zone
12102	Laguna Seca Ranch	436	216	NE part of quad	142-C	Ortigalita Pk 15'	age from map	Late Cretaceous D-1 Zone
12103	Laguna Seca Ranch	436	218	NE part of quad	142-C	Ortigalita Pk 15'	age from map	Late Cretaceous D-1 Zone
12104	Laguna Seca Ranch	436	220	NE part of quad	142-C	Ortigalita Pk 15'	age from map	Late Cretaceous D-1 Zone
12105	Laguna Seca Ranch	436	221	NE part of quad	142-C	Ortigalita Pk 15'	age from map	Late Cretaceous D-1 Zone
12106	Laguna Seca Ranch	436	301-D	NW part of quad	111-B	Ortigalita Pk 15'		Late Cretaceous F Zone
12107	Laguna Seca Ranch	436	301E	NW part of quad	111-B	Ortigalita Pk 15'		Late Cretaceous F Zone
12108	Laguna Seca Ranch	436	302	NW part of quad	111-B	Ortigalita Pk 15'		Late Cretaceous arenaceous foraminifers
12109	Laguna Seca Ranch	436	303A	NW part of quad	111-B	Ortigalita Pk 15'		Late Cretaceous arenaceous foraminifers
12110	Laguna Seca Ranch	436	303C	NW part of quad	111-B	Ortigalita Pk 15'		Late Cretaceous F Zone
12111	Laguna Seca Ranch	436	304	NW part of quad	111-B	Ortigalita Pk 15'		Late Cretaceous arenaceous foraminifers
12112	Laguna Seca Ranch	436	329A	NW part of quad	111-B	Ortigalita Pk 15'		Late Cretaceous arenaceous foraminifers
12113	Ortigalita Peak	436	113	Ortigalita Creek	142-B	Ortigalita Pk 15'	age from map	Late Cretaceous G-2 Zone
12114	Ortigalita Peak NW	436	161	Ortigalita Creek	142-B	Ortigalita Pk 15'	age from map	Late Cretaceous F Zone
12115	Shell Reef	436	1	center of quad	58-G	old Barrel Spr Q	Imperial Fm	Pliocene
12116	Shell Reef	436	4	center of quad	58-G	old Barrel Spr Q	Age from	Pliocene
12117	Shell Reef	436	5	center of quad	58-G	old Barrel Spr Q	Weaver	Pliocene
12118	Shell Reef	436	7	center of quad	58-G	old Barrel Spr Q		Pliocene
12119	Shell Reef	436	9	center of quad	58-G	old Barrel Spr Q		Pliocene
12120	Shell Reef	436	10	center of quad	58-G	old Barrel Spr Q		Pliocene
12121	Shell Reef	436	12	center of quad	58-G	old Barrel Spr Q		Pliocene
12122	Los Banos Valley	437	102	NE corner of quad	no slide	Quien Sabe 15'		Late Cretaceous
12123	Los Banos Valley	438	O	NE corner of quad	no slide	Quien Sabe 15'		Late Cretaceous?
12124	Los Banos Valley	438	P	NE corner of quad	no slide	Quien Sabe 15'		Late Cretaceous
12125	Los Banos Valley	438	Q	NE corner of quad	no slide	Quien Sabe 15'		Late Cretaceous E Zone
12126	Reyes Peak	438	1	Alamo Creek	56-I			Oligocene Zemorrian Stage
12127	Wheeler Springs	439	1	Sandstone camp	56-I	paleo check list	strat column	late Eocene
12128	Wheeler Springs	439	2	Sandstone camp	56-I	paleo check list	see also # 357	late Eocene
12129	Wheeler Springs	439	3	Sandstone camp	56-I	paleo check list		late Eocene
12130	Crevison Peak	440	4A	Quinto Creek	108-C	Pacheco Pass 15'		Late Cretaceous arenaceous foraminifers
12131	Crevison Peak	440	4F	Quinto Creek	108-C	Pacheco Pass 15'		Late Cretaceous arenaceous foraminifers
12132	Crevison Peak	440	7A	Quinto Creek	108-C	Pacheco Pass 15'		Late Cretaceous arenaceous foraminifers
12133	Howard Ranch	440	1A	Quinto Creek	108-C	Pacheco Pass 15'		Late Cretaceous, possibly D-2 Zone
12134	Curry Mountain	442	1	Waltham Creek	108-G	Coalinga 15'		Late Cretaceous G-2 Zone
12135	Curry Mountain	442	2	Waltham Creek	108-G	Coalinga 15'		Late Cretaceous G-2 Zone
12136	Curry Mountain	442	3	Waltham Creek	108-G	Coalinga 15'		Late Cretaceous H Zone
12137	Curry Mountain	442	4	Waltham Creek	108-G	Coalinga 15'		Late Cretaceous H Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
12138	Curry Mountain	442	6	Waltham Creek	108-G	Coalinga 15'		Late Cretaceous H Zone
12139	Curry Mountain	442	7	Waltham Creek	108-G	Coalinga 15'		Late Cretaceous H Zone
12140	Antioch South	443	1	Oil Canyon area	129-A	ages from strat	15/1S/1E	late Paleocene E Zone
12141	Antioch South	443	2	Oil Canyon area	129-A	column		late Paleocene E or early Eocene D Zone
12142	Antioch South	443	5	Oil Canyon area	129-A			Late Cretaceous C or D-1 Zone
12143	Antioch South	443	6	Oil Canyon area	129-A			Late Cretaceous E Zone
12144	Antioch South	443	7	Oil Canyon area	129-A			Late Cretaceous E Zone
12145	Antioch South	443	8	Oil Canyon area	129-A			Late Cretaceous D-2 Zone
12146	Antioch South	443	9	Oil Canyon area	129-A			Late Cretaceous C or D-1 Zone
12147	Antioch South	443	10	Oil Canyon area	129-A			Late Cretaceous F Zone
12148	Antioch South	443	13	Oil Canyon area	129-A			Late Cretaceous D-2 Zone
12149	Antioch South	443	25	Oil Canyon area	129-A			Late Cretaceous D-2 Zone
12150	Antioch South	443	26	Oil Canyon area	129-A			Late Cretaceous D-2 Zone
12151	Antioch South	443	27	Oil Canyon area	129-A			Late Cretaceous D-2 Zone
12152	Antioch South	443	28	Oil Canyon area	129-A			Late Cretaceous E Zone
12153	Antioch South	443	33	Oil Canyon area	129-A	augered		Late Cretaceous E Zone
12154	Antioch South	443	47	Oil Canyon area	129-A	augered		Late Cretaceous F-2 Zone
12155	Antioch South	443	48	Oil Canyon area	129-A	augered		Late Cretaceous F-2 Zone
12156	Antioch South	443	49	Oil Canyon area	129-A	augered		Late Cretaceous F-2 Zone
12157	Antioch South	443	56	Oil Canyon area	129-A	augered		Late Cretaceous F-2 Zone or older
12158	Antioch South	443	58	Oil Canyon area	129-A	augered		Late Cretaceous G-1 Zone or younger
12159	Antioch South	443	74	Oil Canyon area	129-A	augered		Late Cretaceous H Zone
12160	Antioch South	443	77	Oil Canyon area	no slide	augered		Late Cretaceous J-1 Zone
12161	Antioch South	443	83	Oil Canyon area	no slide	augered		Late Cretaceous J-1 Zone
12162	Canoga Park	443	2	Encino	59-M	for strat column		middle and late Miocene lower Mohnian Stage
12163	Canoga Park	443	3	Encino	59-M	see loc 337		middle and late Miocene lower Mohnian Stage
12164	Canoga Park	443	4A	Encino	59-M			middle and late Miocene lower Mohnian Stage
12165	Canoga Park	443	10	Encino	59-M			middle and late Miocene lower Mohnian Stage
12166	Canoga Park	443	11B	Encino	59-M			middle and late Miocene lower Mohnian Stage
12167	Canoga Park	443	12	Encino	59-M			middle and late Miocene lower Mohnian Stage
12168	Canoga Park	443	12A	Encino	59-M			middle and late Miocene lower Mohnian Stage
12169	Canoga Park	443	13	Encino	59-M			middle and late Miocene lower Mohnian Stage
12170	Canoga Park	443	13A	Encino	59-M			middle and late Miocene lower Mohnian Stage
12171	Canoga Park	443	14A	Encino	59-M			middle and late Miocene lower Mohnian Stage
12172	Canoga Park	443	20	Encino	59-M			middle and late Miocene Mohnian Stage
12173	Canoga Park	443	21	Encino	59-M			middle and late Miocene Mohnian Stage
12174	Canoga Park	443	19A	Encino	59-M			middle and late Miocene Mohnian Stage
12175	Canoga Park	443	22	Encino	59-M			middle and late Miocene Mohnian Stage
12176	Canoga Park	443	23	Encino	59-M			middle and late Miocene Mohnian Stage
12177	Canoga Park	443	24	Encino	59-M			middle and late Miocene Mohnian Stage
12178	Canoga Park	443	25	Encino	59-M			middle and late Miocene Mohnian Stage
12179	Canoga Park	443	26	Encino	59-M			middle and late Miocene Mohnian Stage
12180	Canoga Park	443	27	Encino	59-M			middle and late Miocene Mohnian Stage
12181	Canoga Park	443	28	Encino	59-M			middle and late Miocene Mohnian Stage
12182	Canoga Park	443	29	Encino	59-M			middle and late Miocene Mohnian Stage
12183	Canoga Park	443	30	Encino	59-M			middle and late Miocene Mohnian Stage
12184	Canoga Park	443	31	Encino	59-M			middle and late Miocene Mohnian Stage
12185	Canoga Park	443	32	Encino	59-M			middle and late Miocene Mohnian Stage
12186	Canoga Park	443	32A	Encino	59-M			middle and late Miocene Mohnian Stage
12187	Canoga Park	443	33	Encino	59-M			middle and late Miocene upper Mohnian Stage
12188	Canoga Park	443	35	Encino	59-M			middle and late Miocene upper Mohnian Stage
12189	Canoga Park	443	35B	Encino	59-M			middle and late Miocene upper Mohnian Stage
12190	Canoga Park	443	36	Encino	59-M			middle and late Miocene upper Mohnian Stage
12191	Canoga Park	443	37	Encino	59-M			middle and late Miocene upper Mohnian Stage
12192	Canoga Park	443	37A	Encino	59-M			middle and late Miocene upper Mohnian Stage
12193	Canoga Park	443	38	Encino	59-M			middle and late Miocene upper Mohnian Stage
12194	Canoga Park	443	39	Encino	59-M			middle and late Miocene upper Mohnian Stage
12195	Canoga Park	443	40	Encino	59-M			middle and late Miocene upper Mohnian Stage
12196	Canoga Park	443	42	Encino	59-M			middle and late Miocene upper Mohnian Stage
12197	Canoga Park	443	43	Encino	59-M			middle and late Miocene upper Mohnian Stage
12198	Canoga Park	443	44	Encino	59-M			middle and late Miocene upper Mohnian Stage
12199	Canoga Park	443	45	Encino	59-M			middle and late Miocene upper Mohnian Stage
12200	Van Nuys	443	1	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12201	Van Nuys	443	2	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12202	Van Nuys	443	3	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12203	Van Nuys	443	4	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12204	Van Nuys	443	5	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12205	Van Nuys	443	6	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12206	Van Nuys	443	7	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12207	Van Nuys	443	8	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12208	Van Nuys	443	9	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12209	Van Nuys	443	10	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12210	Van Nuys	443	11	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12211	Van Nuys	443	12	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
12212	Van Nuys	443	13	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12213	Van Nuys	443	14	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12214	Van Nuys	443	15	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12215	Van Nuys	443	16	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12216	Van Nuys	443	17	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12217	Van Nuys	443	18	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12218	Van Nuys	443	19	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12219	Van Nuys	443	20	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12220	Van Nuys	443	21	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12221	Van Nuys	443	22	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12222	Van Nuys	443	23	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12223	Van Nuys	443	24	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12224	Van Nuys	443	25	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12225	Van Nuys	443	26	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12226	Van Nuys	443	27	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12227	Van Nuys	443	28	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12228	Van Nuys	443	29	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12229	Van Nuys	443	30	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12230	Van Nuys	443	31	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12231	Van Nuys	443	32	Encino vicinity	59-M	age from strat col		middle and late Miocene Mohnian Stage
12232	Van Nuys	443	33	Encino vicinity	59-M	age from strat col		middle and late Miocene upper Mohnian Stage
12233	Van Nuys	443	34	Encino vicinity	59-M	age from strat col		middle and late Miocene upper Mohnian Stage
12234	Van Nuys	443	35	Encino vicinity	59-M	age from strat col		middle and late Miocene upper Mohnian Stage
12235	Van Nuys	443	36	Encino vicinity	59-M	age from strat col		middle and late Miocene upper Mohnian Stage
12236	Van Nuys	443	37	Encino vicinity	59-M	age from strat col		middle and late Miocene upper Mohnian Stage
12237	Van Nuys	443	38	Encino vicinity	59-M	age from strat col		middle and late Miocene upper Mohnian Stage
12238	Van Nuys	443	39	Encino vicinity	59-M	age from strat col		middle and late Miocene upper Mohnian Stage
12239	Van Nuys	443	40	Encino vicinity	59-M	age from strat col		middle and late Miocene upper Mohnian Stage
12240	Van Nuys	443	41	Encino vicinity	59-M	age from strat col		middle and late Miocene upper Mohnian Stage
12241	Van Nuys	443	42	Encino vicinity	59-M	age from strat col		middle and late Miocene upper Mohnian Stage
12242	Van Nuys	443	43	Encino vicinity	59-M	age from strat col		middle and late Miocene upper Mohnian Stage
12243	Van Nuys	443	44	Encino vicinity	59-M	age from strat col		middle and late Miocene upper Mohnian Stage
12244	Van Nuys	443	45	Encino vicinity	59-M	age from strat col		middle and late Miocene upper Mohnian Stage
12245	Van Nuys	443	46	Encino vicinity	59-M	age from strat col		middle and late Miocene upper Mohnian Stage
12246	Glendora	444	5	SW part of quad	65-C	South Hills area	age on slide	middle Miocene Luisian Stage
12247	Whitaker Peak	446	2	SW corner of quad	55-L	so-called Stockton	age on slide	Miocene
12248	Whitaker Peak	446	3	SW corner of quad	55-L	Canyon (name not	age on slide	Miocene
12249	Whitaker Peak	446	4	SW corner of quad	55-L	accepted by NGIS)	age on slide	Miocene
12250	Whitaker Peak	446	5A	SW corner of quad	55-L		age on slide	Miocene
12251	Whitaker Peak	446	7	SW corner of quad	55-L		age on slide	Miocene
12252	Whitaker Peak	446	8	SW corner of quad	55-L		age on slide	Miocene
12253	Whitaker Peak	446	9	SW corner of quad	55-L		age on slide	Miocene
12254	Whitaker Peak	446	10	SW corner of quad	55-L		age on slide	Miocene
12255	Ferndale	448	11	Wildcat Grade	7-M	Ferndale 15'	not on map	Pliocene
12256	Ferndale	448	15	Wildcat Grade	7-M	Ferndale 15'	not on map	Pliocene
12257	Ferndale	448	18	Wildcat Grade	7-M	Ferndale 15'	not on map	Pliocene?
12258	Ferndale	448	23	Wildcat Grade	7-M	Ferndale 15'	not on map	Pliocene?
12259	Ferndale	448	43	Wildcat Grade	7-M	Ferndale 15'	not on map	Pliocene?
12260	Ferndale	448	46	Wildcat Grade	7-M	Ferndale 15'	not on map	Pliocene
12261	Ferndale	448	53	Wildcat Grade	7-M	Ferndale 15'	not on map	Pliocene
12262	Beverly Hills	449	1	center of quad	59-I			middle and late Miocene Mohnian Stage
12263	Beverly Hills	449	5	center of quad	59-I			middle and late Miocene Mohnian? Stage
12264	Beverly Hills	449	8	center of quad	59-I			middle and late Miocene Mohnian? Stage
12265	Beverly Hills	449	10	center of quad	59-I			middle and late Miocene Mohnian Stage
12266	Beverly Hills	449	11	center of quad	59-I			middle and late Miocene Mohnian Stage
12267	Beverly Hills	449	12	center of quad	59-I			middle and late Miocene Mohnian Stage
12268	Beverly Hills	449	15	center of quad	59-I			middle and late Miocene Mohnian Stage
12269	Beverly Hills	449	16	center of quad	59-I			middle and late Miocene Mohnian Stage
12270	Beverly Hills	449	17	center of quad	59-I			middle and late Miocene Mohnian Stage
12271	Beverly Hills	449	18	center of quad	59-I			middle and late Miocene Mohnian Stage
12272	Beverly Hills	449	19	center of quad	59-I			middle and late Miocene Mohnian Stage
12273	Beverly Hills	449	21	center of quad	59-I			middle and late Miocene Mohnian Stage
12274	Beverly Hills	449	25	center of quad	59-I			middle and late Miocene Mohnian Stage
12275	Mount Vaca?	449		not on map	no slide	Putnam Peak area		Eocene
12276	Scotia	449	1	Betw Scotia/Rio D	7-A	Along the Eel River		late Pliocene
12277	Scotia	449	2	Betw Scotia/Rio D	7-A	from Scotia to Rio		late Pliocene
12278	Scotia	449	3	Betw Scotia/Rio D	7-A	Dell. Have strat		late Pliocene
12279	Scotia	449	4	Betw Scotia/Rio D	7-A	column and foram		late Pliocene
12280	Scotia	449	5	Betw Scotia/Rio D	7-A	check list.		late Pliocene
12281	Scotia	449	6	Betw Scotia/Rio D	7-A	Scotia 15'		late Pliocene
12282	Scotia	449	7	Betw Scotia/Rio D	7-A	Scotia 15'		late Pliocene
12283	Scotia	449	8	Betw Scotia/Rio D	7-A	Scotia 15'		late Pliocene
12284	Scotia	449	9	Betw Scotia/Rio D	7-A	Scotia 15'		late Pliocene
12285	Scotia	449	10	Betw Scotia/Rio D	7-A	Scotia 15'		late Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
12286	Scotia	449	11	Betw Scotia/Rio D	7-A	Scotia 15'		late Pliocene
12287	Scotia	449	12	Betw Scotia/Rio D	7-A	Scotia 15'		late Pliocene and/or Pleistocene
12288	Scotia	449	13	Betw Scotia/Rio D	7-A	Scotia 15'		late Pliocene and/or Pleistocene
12289	Scotia	449	15	Betw Scotia/Rio D	7-A	Scotia 15'		late Miocene
12290	Scotia	449	20	Betw Scotia/Rio D	7-A	Scotia 15'		late Miocene
12291	Scotia	449	21	Betw Scotia/Rio D	7-A	Scotia 15'		late Miocene
12292	Scotia	449	22	Betw Scotia/Rio D	7-A	Scotia 15'		late Miocene
12293	Scotia	449	24	Betw Scotia/Rio D	7-A	Scotia 15'		late Miocene
12294	Scotia	449	25	Betw Scotia/Rio D	7-A	Scotia 15'		late Miocene
12295	Scotia	449	26	Betw Scotia/Rio D	7-A	Scotia 15'		late Miocene
12296	Scotia	449	27	Betw Scotia/Rio D	7-A	Scotia 15'		late Miocene
12297	Scotia	449	30	Betw Scotia/Rio D	7-A	Scotia 15'		late Miocene
12298	Scotia	449	31	Betw Scotia/Rio D	7-A	Scotia 15'		late Miocene
12299	Scotia	449	34	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12300	Scotia	449	36	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12301	Scotia	449	47	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12302	Scotia	449	52	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12303	Scotia	449	53	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12304	Scotia	449	54	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12305	Scotia	449	55	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12306	Scotia	449	56	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12307	Scotia	449	57	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12308	Scotia	449	58	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12309	Scotia	449	59	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12310	Scotia	449	60	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12311	Scotia	449	61	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12312	Scotia	449	62	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12313	Scotia	449	63	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12314	Scotia	449	64	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12315	Scotia	449	65	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12316	Scotia	449	66	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12317	Scotia	449	67	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12318	Scotia	449	68	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12319	Scotia	449	69	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12320	Scotia	449	70	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12321	Scotia	449	71	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12322	Scotia	449	72	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12323	Scotia	449	73	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12324	Scotia	449	74	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12325	Scotia	449	75	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12326	Scotia	449	76	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12327	Scotia	449	77	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12328	Scotia	449	78	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12329	Scotia	449	79	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12330	Scotia	449	80	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12331	Scotia	449	81	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12332	Scotia	449	82	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12333	Scotia	449	83	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12334	Scotia	449	84	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12335	Scotia	449	85	Betw Scotia/Rio D	7-A	Scotia 15'		early Pliocene
12336	Scotia	449	86	Betw Scotia/Rio D	7-B	Scotia 15'		early Pliocene
12337	Scotia	449	87	Betw Scotia/Rio D	7-B	Scotia 15'		early Pliocene
12338	Scotia	449	88	Betw Scotia/Rio D	7-B	Scotia 15'		early Pliocene
12339	Scotia	449	89	Betw Scotia/Rio D	7-B	Scotia 15'		early Pliocene
12340	Scotia	449	1RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	late Pliocene
12341	Scotia	449	2RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	late Pliocene
12342	Scotia	449	3RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	late Pliocene
12343	Scotia	449	4RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	late Pliocene
12344	Scotia	449	5RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	late Pliocene
12345	Scotia	449	6RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	late Pliocene
12346	Scotia	449	7RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	late Pliocene
12347	Scotia	449	8RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	late Pliocene
12348	Scotia	449	9RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	late Pliocene
12349	Scotia	449	10RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	late Pliocene
12350	Scotia	449	11RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	late Pliocene
12351	Scotia	449	12RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	late Pliocene and/or Pleistocene
12352	Scotia	449	13RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	late Pliocene and/or Pleistocene
12353	Scotia	449	14RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	late Miocene
12354	Scotia	449	15RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	late Miocene
12355	Scotia	449	16RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	late Miocene
12356	Scotia	449	17RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	late Miocene
12357	Scotia	449	18RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	late Miocene
12358	Scotia	449	19RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	late Miocene
12359	Scotia	449	20RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	late Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
12360	Scotia	449	21RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	late Miocene
12361	Scotia	449	22RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	late Miocene
12362	Scotia	449	23RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	late Miocene
12363	Scotia	449	24RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	late Miocene
12364	Scotia	449	25RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	late Miocene
12365	Scotia	449	26RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	late Miocene
12366	Scotia	449	27RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	late Miocene
12367	Scotia	449	28RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	late Miocene
12368	Scotia	449	29RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	late Miocene
12369	Scotia	449	30RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	late Miocene
12370	Scotia	449	31RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	late Miocene
12371	Scotia	449	32RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12372	Scotia	449	33RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12373	Scotia	449	34RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12374	Scotia	449	35RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12375	Scotia	449	36RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12376	Scotia	449	37RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12377	Scotia	449	38RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12378	Scotia	449	39RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12379	Scotia	449	40RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12380	Scotia	449	41RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12381	Scotia	449	42RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12382	Scotia	449	43RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12383	Scotia	449	44RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12384	Scotia	449	45RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12385	Scotia	449	46RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12386	Scotia	449	47RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12387	Scotia	449	48RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12388	Scotia	449	49RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12389	Scotia	449	50RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12390	Scotia	449	51RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12391	Scotia	449	52RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12392	Scotia	449	53RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12393	Scotia	449	54RW	Betw Scotia/Rio D	162-G	Scotia 15'	Scotia rewash	early Pliocene
12394	Scotia	449	55RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12395	Scotia	449	56RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12396	Scotia	449	57RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12397	Scotia	449	58RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12398	Scotia	449	59RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12399	Scotia	449	60RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12400	Scotia	449	61RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12401	Scotia	449	62RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12402	Scotia	449	63RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12403	Scotia	449	64RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12404	Scotia	449	65RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12405	Scotia	449	66RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12406	Scotia	449	67RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12407	Scotia	449	68RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12408	Scotia	449	69RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12409	Scotia	449	70RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12410	Scotia	449	71RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12411	Scotia	449	72RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12412	Scotia	449	73RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12413	Scotia	449	74RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12414	Scotia	449	75RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12415	Scotia	449	76RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12416	Scotia	449	77RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12417	Scotia	449	78RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12418	Scotia	449	79RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12419	Scotia	449	80RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12420	Scotia	449	81RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12421	Scotia	449	82RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12422	Scotia	449	83RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12423	Scotia	449	84RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12424	Scotia	449	85RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12425	Scotia	449	86RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12426	Scotia	449	87RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12427	Scotia	449	88RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12428	Scotia	449	89RW	Betw Scotia/Rio D	162-F	Scotia 15'	Scotia rewash	early Pliocene
12429	Canoga Park	451	1	Topanga Cyn Road	59-J	Near Mohn Springs.	type?	middle and late Miocene upper Mohnian Stage
12430	Canoga Park	451	2	Topanga Cyn Road	59-J	Strat column and	type?	middle and late Miocene upper Mohnian Stage
12431	Canoga Park	451	3	Topanga Cyn Road	59-J	check list	type?	middle and late Miocene upper Mohnian Stage
12432	Canoga Park	451	4	Topanga Cyn Road	59-J		type?	middle and late Miocene upper Mohnian Stage
12433	Canoga Park	451	5	Topanga Cyn Road	59-J		type?	middle and late Miocene upper Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
12434	Canoga Park	451	6	Topanga Cyn Road	59-J		type?	middle and late Miocene upper Mohnian Stage
12435	Canoga Park	451	7	Topanga Cyn Road	59-J		type?	middle and late Miocene upper Mohnian Stage
12436	Canoga Park	451	8	Topanga Cyn Road	59-J		type?	middle and late Miocene upper Mohnian Stage
12437	Canoga Park	452	1	Topanga Cyn Road	59-J		type?	middle and late Miocene upper Mohnian Stage
12438	Canoga Park	452	2	Topanga Cyn Road	59-J		type?	middle and late Miocene upper Mohnian Stage
12439	Canoga Park	452	3	Topanga Cyn Road	59-J		type?	middle and late Miocene upper Mohnian Stage
12440	Canoga Park	452	4	Topanga Cyn Road	59-J		type?	middle and late Miocene upper Mohnian Stage
12441	Canoga Park	452	5	Topanga Cyn Road	59-J		type?	middle and late Miocene upper Mohnian Stage
12442	Canoga Park	452	6	Topanga Cyn Road	59-J		type?	middle and late Miocene upper Mohnian Stage
12443	Canoga Park	452	7	Topanga Cyn Road	59-J		type?	middle and late Miocene upper Mohnian Stage
12444	Canoga Park	452	8	Topanga Cyn Road	59-J		type?	middle and late Miocene upper Mohnian Stage
12445	Wilcox Ridge	457	106	Crow Creek	no slide	Mt Boardman 15'	clam float	Late Cretaceous
12446	Warm Springs Mtn	462	7	Fish Canyon	60-G	Cienega Camp		late Paleocene E Zone
12447	Warm Springs Mtn	462	8	Fish Canyon	60-G	Cienega Camp		late Paleocene E Zone
12448	Whitaker Peak	462	19	Fish Canyon	60-G	Cienega Camp		Eocene?
12449	Warm Springs Mtn	463	3	Warm Sprs trail	60-F			Eocene?
12450	Orestimba Peak	466	1	Orestimba Creek	108-L	Orestimba 15'		Late Cretaceous C or D-1 Zone
12451	Orestimba Peak	466	G	Orestimba Creek	108-L	Orestimba 15'		Late Cretaceous D-1 Zone
12452	Orestimba Peak	466	10	Orestimba Creek	108-L	Orestimba 15'		Late Cretaceous D Zone
12453	Orestimba Peak	466	10A	Orestimba Creek	108-L	Orestimba 15'		Late Cretaceous D-2 Zone
12454	Copper Mountain	467	B-2	Kern Canyon	no slide	Glycymeris	clam	Late Cretaceous Senonian Stage
12455	Copper Mountain	467	183	Garden Canyon Ck	no slide	Trigonia	clam	Late Cretaceous
12456	Copper Mountain	467	185	Garden Canyon Ck	no slide		clams	Late Cretaceous Senonian Stage
12457	Copper Mountain	467	187	Garden Canyon Ck	no slide	Glycymeris	clam	Late Cretaceous Senonian Stage
12458	Laguna Seca Ranch	467	305	NW part of quad	no slide	Ortigalita Pk 15'	clam	Late Cretaceous Senonian Stage
12459	Los Angeles	467	5	Lincoln Heights	56-L			late Miocene Delmontian Stage
12460	Los Angeles	467	15	Lincoln Heights	56-L			late Miocene Delmontian Stage
12461	Los Angeles	467	19	Lincoln Heights	56-L			late Miocene Delmontian Stage
12462	Los Angeles	467	20	Lincoln Heights	56-L			late Miocene Delmontian Stage
12463	Los Angeles	467	21	Lincoln Heights	56-L			late Miocene Delmontian Stage
12464	Los Angeles	467	22	Lincoln Heights	56-L			late Miocene Delmontian Stage
12465	Los Angeles	467	23	Lincoln Heights	56-L			late Miocene Delmontian Stage
12466	Los Angeles	467	23A	Lincoln Heights	56-L			late Miocene Delmontian Stage
12467	Los Angeles	467	23B	Lincoln Heights	56-L			late Miocene Delmontian Stage
12468	Los Angeles	467	24	Lincoln Heights	56-L			late Miocene Delmontian Stage
12469	Los Angeles	467	25	Lincoln Heights	56-L			late Miocene Delmontian Stage
12470	Los Angeles	467	25B	Lincoln Heights	56-L			late Miocene Delmontian Stage
12471	Los Angeles	467	26	Lincoln Heights	56-L			late Miocene Delmontian Stage
12472	Los Angeles	467	27	Lincoln Heights	56-L			late Miocene Delmontian Stage
12473	Orestimba Peak	467	104	Crow Canyon	no slide	Orestimba 15'		Late Cretaceous
12474	Orestimba Peak	467	111	Crow Canyon	no slide	Orestimba 15'		Late Cretaceous
12475	Orestimba Peak	467	113	Crow Canyon	no slide	Orestimba 15'		Late Cretaceous H or J-1 Zone
12476	Copper Mountain	468	2	Salado Creek	108-L			Late Cretaceous D Zone
12477	Copper Mountain	469	13	Del Puerto Canyon	108-M			Late Cretaceous arenaceous foraminifers
12478	Copper Mountain	469	19	Del Puerto Canyon	108-M			Late Cretaceous arenaceous foraminifers
12479	Solyo	470	21	Ingram Creek	108-L			Late Cretaceous C or D-1 Zone
12480	Lone Tree Creek	471	4	Hospital Creek	108-L			Late Cretaceous arenaceous foraminifers
12481	Lone Tree Creek	471	6	Hospital Creek	no slide		clam	Late Cretaceous Senonian Stage
12482	Solyo	471	9	Hospital Creek	108-L			Late Cretaceous arenaceous foraminifers
12483	Solyo	471	12	Hospital Creek	108-L			Late Cretaceous arenaceous foraminifers
12484	Solyo	471	13	Hospital Creek	108-L			Late Cretaceous arenaceous foraminifers
12485	Orestimba Peak	473	2	Oak Gulch	no slide	Orestimba 15'	Inoceramus	Late Cretaceous
12486	Canoga Park	480	4	Encino Reservoir	59-K	see loc #337 for		middle and late Miocene lower Mohnian Stage
12487	Canoga Park	480	4B	Encino Reservoir	59-K	strat column		middle and late Miocene lower Mohnian Stage
12488	Canoga Park	480	4C	Encino Reservoir	59-K			middle and late Miocene lower Mohnian Stage
12489	Canoga Park	480	5	Encino Reservoir	59-K			middle and late Miocene lower Mohnian Stage
12490	Canoga Park	480	6	Encino Reservoir	59-K			middle and late Miocene lower Mohnian Stage
12491	Canoga Park	480	6A	Encino Reservoir	59-K			middle and late Miocene lower Mohnian Stage
12492	Canoga Park	480	6C	Encino Reservoir	59-K			middle and late Miocene lower Mohnian Stage
12493	Canoga Park	480	7	Encino Reservoir	59-K			middle and late Miocene lower Mohnian Stage
12494	Canoga Park	480	8	Encino Reservoir	59-K			middle and late Miocene lower Mohnian Stage
12495	Canoga Park	480	9	Encino Reservoir	59-K			middle and late Miocene lower Mohnian Stage
12496	Canoga Park	480	10	Encino Reservoir	59-K			middle and late Miocene lower Mohnian Stage
12497	Canoga Park	480	11	Encino Reservoir	59-K			middle and late Miocene lower Mohnian Stage
12498	Canoga Park	480	12	Encino Reservoir	59-K			middle and late Miocene lower Mohnian Stage
12499	Canoga Park	480	13	Encino Reservoir	59-K			middle and late Miocene lower Mohnian Stage
12500	Canoga Park	480	14A	Encino Reservoir	59-K			middle and late Miocene lower Mohnian Stage
12501	Canoga Park	480	15	Encino Reservoir	59-K			middle and late Miocene Mohnian Stage
12502	Canoga Park	480	16	Encino Reservoir	59-K			middle and late Miocene Mohnian Stage
12503	Canoga Park	480	16A	Encino Reservoir	59-K			middle and late Miocene Mohnian Stage
12504	Canoga Park	480	17	Encino Reservoir	59-K			middle and late Miocene Mohnian Stage
12505	Canoga Park	480	18	Encino Reservoir	59-K			middle and late Miocene Mohnian Stage
12506	Canoga Park	480	19	Encino Reservoir	59-K			middle and late Miocene upper Mohnian Stage
12507	Canoga Park	480	21	Encino Reservoir	59-K			middle and late Miocene upper Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
12508	Canoga Park	480	22	Encino Reservoir	59-K			middle and late Miocene upper Mohnian Stage
12509	Canoga Park	480	23	Encino Reservoir	59-K			middle and late Miocene upper Mohnian Stage
12510	Canoga Park	480	24	Encino Reservoir	59-K			middle and late Miocene upper Mohnian Stage
12511	Canoga Park	480	25	Encino Reservoir	59-K			middle and late Miocene upper Mohnian Stage
12512	Canoga Park	480	26	Encino Reservoir	59-K			middle and late Miocene upper Mohnian Stage
12513	Canoga Park	480	27	Encino Reservoir	59-K			middle and late Miocene upper Mohnian Stage
12514	Canoga Park	480	28	Encino Reservoir	59-K			middle and late Miocene upper Mohnian Stage
12515	Canoga Park	480	29	Encino Reservoir	59-K			middle and late Miocene upper Mohnian Stage
12516	Canoga Park	480	30	Encino Reservoir	59-K			middle and late Miocene upper Mohnian Stage
12517	Canoga Park	480	31	Encino Reservoir	59-K			middle and late Miocene upper Mohnian Stage
12518	Canoga Park	480	49	Encino Reservoir	59-M			middle and late Miocene upper Mohnian Stage
12519	Oil Center	488		Canoas silt	A-7	not on map		Eocene
12520	Huasna Peak	493	3	SE part of quad	no slide	Nipomo 15'		early Miocene lower Relizian Stage
12521	Huasna Peak	493	7	SE part of quad	no slide	Nipomo 15'		early Miocene Relizian Stage
12522	Huasna Peak	493	9	SE part of quad	no slide	Nipomo 15'		early Miocene Relizian Stage
12523	Huasna Peak	493	10	SE part of quad	no slide	Nipomo 15'		early Miocene Relizian Stage
12524	Huasna Peak	493	11	SE part of quad	no slide	Nipomo 15'		early Miocene Relizian Stage
12525	Huasna Peak	493	12	SE part of quad	no slide	Nipomo 15'		early Miocene Relizian Stage
12526	Huasna Peak	493	13	SE part of quad	no slide	Nipomo 15'		early Miocene Relizian Stage
12527	Huasna Peak	493	14	SE part of quad	no slide	Nipomo 15'		early Miocene Relizian Stage
12528	Huasna Peak	493	15	SE part of quad	no slide	Nipomo 15'		early Miocene Relizian Stage
12529	Huasna Peak	493	16	SE part of quad	no slide	Nipomo 15'		early Miocene Relizian? Stage
12530	Val Verde	506	1	SW part of quad	no slide			late Miocene
12531	Val Verde	506	2	SW part of quad	no slide			late Miocene
12532	Val Verde	506	3	SW part of quad	no slide			late Miocene
12533	Val Verde	506	4	SW part of quad	no slide			late Miocene
12534	Val Verde	506	5	SW part of quad	no slide			late Miocene
12535	Val Verde	506	6	SW part of quad	no slide			late Miocene
12536	Val Verde	506	7	SW part of quad	no slide			late Miocene
12537	Val Verde	506	8	SW part of quad	no slide			late Miocene
12538	Val Verde	506	9	SW part of quad	no slide			late Miocene
12539	Val Verde	506	10	SW part of quad	no slide			late Miocene
12540	Val Verde	506	11	SW part of quad	no slide			late Miocene
12541	Val Verde	506	12	SW part of quad	no slide			late Miocene
12542	Val Verde	506	13	SW part of quad	no slide			late Miocene
12543	Val Verde	506	14	SW part of quad	no slide			late Miocene
12544	Val Verde	506	15	SW part of quad	no slide			late Miocene
12545	Val Verde	506	16	SW part of quad	no slide			late Miocene
12546	Val Verde	506	17	SW part of quad	no slide			late Miocene
12547	Val Verde	506	18	SW part of quad	no slide			late Miocene
12548	Val Verde	506	19	SW part of quad	no slide			late Miocene
12549	Val Verde	506	20	SW part of quad	no slide			late Miocene
12550	Val Verde	506	21	SW part of quad	no slide			Pliocene
12551	Val Verde	506	22	SW part of quad	no slide			Pliocene
12552	Val Verde	506	23	SW part of quad	no slide			Pliocene
12553	Val Verde	506	24	SW part of quad	no slide			Pliocene
12554	Val Verde	506	25	SW part of quad	no slide			Pliocene
12555	Val Verde	506	26	SW part of quad	no slide			Pliocene
12556	Val Verde	506	27	SW part of quad	no slide			Pliocene
12557	Val Verde	506	28	SW part of quad	no slide			Pliocene
12558	Val Verde	506	29	SW part of quad	no slide			Pliocene
12559	Val Verde	506	30	SW part of quad	no slide			Pliocene
12560	Val Verde	506	31	SW part of quad	no slide			Pliocene
12561	Val Verde	506	32	SW part of quad	no slide			Pliocene
12562	Val Verde	506	33	SW part of quad	no slide			Pliocene
12563	Val Verde	506	34	SW part of quad	no slide			Pliocene
12564	Val Verde	506	35	SW part of quad	no slide			Pliocene
12565	Piru	506	36	SE corner of quad	no slide	quad boundary		Pliocene
12566	Piru	506	37	SE corner of quad	no slide	uncertain		Pliocene
12567	Piru	506	38	SE corner of quad	no slide			Pliocene
12568	Piru	506	39	SE corner of quad	no slide			Pliocene
12569	Piru	506	40	SE corner of quad	no slide			Pliocene
12570	Piru	506	41	SE corner of quad	no slide			Pliocene
12571	Piru	506	42	SE corner of quad	no slide			Pliocene
12572	Piru	506	43	SE corner of quad	no slide			Pliocene
12573	Piru	506	44	SE corner of quad	no slide			Pliocene
12574	Piru	506	45	SE corner of quad	no slide			Pliocene
12575	Piru	506	46	SE corner of quad	no slide			Pliocene
12576	Piru	506	47	SE corner of quad	no slide			Pliocene
12577	Piru	506	48	SE corner of quad	no slide			Pliocene
12578	Piru	506	49	SE corner of quad	no slide			Pliocene
12579	Piru	506	50	SE corner of quad	no slide			Pliocene
12580	Piru	506	51	SE corner of quad	no slide			Pliocene
12581	Piru	506	52	SE corner of quad	no slide			Pliocene

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
12582	Piru	506	53	SE corner of quad	no slide			Pliocene
12583	Saunders Reef	513	1	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12584	Saunders Reef	513	2	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12585	Saunders Reef	513	3	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12586	Saunders Reef	513	4	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12587	Saunders Reef	513	5	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12588	Saunders Reef	513	6	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12589	Saunders Reef	513	7	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12590	Saunders Reef	513	8	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12591	Saunders Reef	513	9	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12592	Saunders Reef	513	10	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12593	Saunders Reef	513	11	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12594	Saunders Reef	513	12	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12595	Saunders Reef	513	13	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12596	Saunders Reef	513	14	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12597	Saunders Reef	513	15	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12598	Saunders Reef	513	16	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12599	Saunders Reef	513	17	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12600	Saunders Reef	513	18	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12601	Saunders Reef	513	19	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12602	Saunders Reef	513	20	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12603	Saunders Reef	513	21	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12604	Saunders Reef	513	22	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12605	Saunders Reef	513	23	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12606	Saunders Reef	513	24	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12607	Saunders Reef	513	25	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12608	Saunders Reef	513	29	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12609	Saunders Reef	513	30	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12610	Saunders Reef	513	31	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12611	Saunders Reef	513	32	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12612	Saunders Reef	513	34	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12613	Saunders Reef	513	35	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12614	Saunders Reef	513	36	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12615	Saunders Reef	513	37	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12616	Saunders Reef	513	38	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12617	Saunders Reef	513	39	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12618	Saunders Reef	513	40	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12619	Saunders Reef	513	41	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12620	Saunders Reef	513	42	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12621	Saunders Reef	513	43	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12622	Saunders Reef	513	44	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12623	Saunders Reef	513	45	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12624	Saunders Reef	513	46	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12625	Saunders Reef	513	47	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12626	Saunders Reef	513	48	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12627	Saunders Reef	513	49	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12628	Saunders Reef	513	50	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12629	Saunders Reef	513	51	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12630	Saunders Reef	513	52	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12631	Saunders Reef	513	53	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12632	Saunders Reef	513	54	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12633	Saunders Reef	513	55	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12634	Saunders Reef	513	56	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12635	Saunders Reef	513	57	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12636	Saunders Reef	513	58	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12637	Saunders Reef	513	59	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12638	Saunders Reef	513	60	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12639	Saunders Reef	513	61	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12640	Saunders Reef	513	62	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12641	Saunders Reef	513	63	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12642	Saunders Reef	513	64	NE part of quad	B-8	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12643	Saunders Reef	513	65	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12644	Saunders Reef	513	66	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12645	Saunders Reef	513	67	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12646	Saunders Reef	513	68	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12647	Saunders Reef	513	69	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12648	Saunders Reef	513	70	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12649	Saunders Reef	513	71	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12650	Saunders Reef	513	72	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12651	Saunders Reef	513	73	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12652	Saunders Reef	513	74	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12653	Saunders Reef	513	75	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12654	Saunders Reef	513	76	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12655	Saunders Reef	513	77	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
12656	Saunders Reef	513	78	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12657	Saunders Reef	513	79	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12658	Saunders Reef	513	80	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12659	Saunders Reef	513	81	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12660	Saunders Reef	513	82	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12661	Saunders Reef	513	83	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12662	Saunders Reef	513	84	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12663	Saunders Reef	513	85	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12664	Saunders Reef	513	86	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12665	Saunders Reef	513	87	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12666	Saunders Reef	513	88	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12667	Saunders Reef	513	89	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12668	Saunders Reef	513	90	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12669	Saunders Reef	513	91	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12670	Saunders Reef	513	92	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12671	Saunders Reef	513	93	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12672	Saunders Reef	513	94	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12673	Saunders Reef	513	95	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12674	Saunders Reef	513	96	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12675	Saunders Reef	513	97	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12676	Saunders Reef	513	98	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12677	Saunders Reef	513	99	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12678	Saunders Reef	513	100	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12679	Saunders Reef	513	100	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12680	Saunders Reef	513	101	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12681	Saunders Reef	513	101	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12682	Saunders Reef	513	102	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12683	Saunders Reef	513	102	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12684	Saunders Reef	513	103	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12685	Saunders Reef	513	103	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12686	Saunders Reef	513	104	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12687	Saunders Reef	513	104	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12688	Saunders Reef	513	105	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12689	Saunders Reef	513	105	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12690	Saunders Reef	513	106	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12691	Saunders Reef	513	107	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12692	Saunders Reef	513	108	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12693	Saunders Reef	513	109	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12694	Saunders Reef	513	110	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12695	Saunders Reef	513	111	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12696	Saunders Reef	513	112	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12697	Saunders Reef	513	113	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12698	Saunders Reef	513	114	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12699	Saunders Reef	513	115	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12700	Saunders Reef	513	116	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12701	Saunders Reef	513	117	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12702	Saunders Reef	513	118	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12703	Saunders Reef	513	119	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12704	Saunders Reef	513	120	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12705	Saunders Reef	513	121	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12706	Saunders Reef	513	122	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12707	Saunders Reef	513	123	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12708	Saunders Reef	513	124	NE part of quad	B-9	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12709	Saunders Reef	513	125	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12710	Saunders Reef	513	126	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12711	Saunders Reef	513	127	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12712	Saunders Reef	513	128	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12713	Saunders Reef	513	129	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12714	Saunders Reef	513	130	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12715	Saunders Reef	513	131	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12716	Saunders Reef	513	132	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12717	Saunders Reef	513	133	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12718	Saunders Reef	513	134	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12719	Saunders Reef	513	135	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12720	Saunders Reef	513	136	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12721	Saunders Reef	513	137	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12722	Saunders Reef	513	138	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12723	Saunders Reef	513	139	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12724	Saunders Reef	513	140	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12725	Saunders Reef	513	141	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12726	Saunders Reef	513	142	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12727	Saunders Reef	513	143	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12728	Saunders Reef	513	144	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12729	Saunders Reef	513	145	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
12730	Saunders Reef	513	146	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12731	Saunders Reef	513	147	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12732	Saunders Reef	513	149	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12733	Saunders Reef	513	161	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12734	Saunders Reef	513	162	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12735	Saunders Reef	513	163	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12736	Saunders Reef	513	163	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12737	Saunders Reef	513	164	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12738	Saunders Reef	513	165	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12739	Saunders Reef	513	166	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12740	Saunders Reef	513	167	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12741	Saunders Reef	513	168	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12742	Saunders Reef	513	169	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12743	Saunders Reef	513	170	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12744	Saunders Reef	513	171	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12745	Saunders Reef	513	172	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12746	Saunders Reef	513	173	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12747	Saunders Reef	513	174	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12748	Saunders Reef	513	175	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12749	Saunders Reef	513	176	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12750	Saunders Reef	513	177	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12751	Saunders Reef	513	178	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12752	Saunders Reef	513	179	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12753	Saunders Reef	513	180	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12754	Saunders Reef	513	180A	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12755	Saunders Reef	513	181	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12756	Saunders Reef	513	182	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12757	Saunders Reef	513	183	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12758	Saunders Reef	513	184	NE part of quad	B-10	Point Arena 15'	strat column	Oligocene lower Zemorrian Stage
12759	Saunders Reef	513	slide 1	NE part of quad	B-11	Point Arena 15'		assemblage
12760	Saunders Reef	513	slide 2	NE part of quad	B-11	Point Arena 15'		assemblage
12761	Saunders Reef	513	slide 3	NE part of quad	B-11	Point Arena 15'		assemblage
12762	Point Arena	514	5	SE part of quad	B-11			Oligocene lower Zemorrian Stage
12763	Point Arena	514	5	SE part of quad	B-14			Oligocene lower Zemorrian Stage
12764	Saunders Reef	514	1	NE part of quad	B-11	Point Arena 15'	not on map	Oligocene lower Zemorrian Stage
12765	Saunders Reef	514	2	NE part of quad	B-11	Point Arena 15'		Oligocene lower Zemorrian Stage
12766	Saunders Reef	514	3	NE part of quad	B-11	Point Arena 15'		Oligocene lower Zemorrian Stage
12767	Saunders Reef	514	4	NE part of quad	B-11	Point Arena 15'		Oligocene lower Zemorrian Stage
12768	Saunders Reef	514	1A	NE part of quad	B-14	Point Arena 15'		Oligocene lower Zemorrian Stage
12769	Saunders Reef	514	1B	NE part of quad	B-14	Point Arena 15'		Oligocene lower Zemorrian Stage
12770	Saunders Reef	514	2	NE part of quad	B-14	Point Arena 15'		Oligocene lower Zemorrian Stage
12771	Saunders Reef	514	3	NE part of quad	B-14	Point Arena 15'		Oligocene lower Zemorrian Stage
12772	Saunders Reef	514	4	NE part of quad	B-14	Point Arena 15'		Oligocene lower Zemorrian Stage
12773	Chrome	517	31	Stony Creek	152-B			Early Cretaceous K Zone
12774	Chrome	517	32	Stony Creek	152-B			Early Cretaceous K Zone
12775	Chrome	517	33	Stony Creek	152-B			Early Cretaceous K Zone
12776	Elk Creek	517	29	near Elk Ck town	152-B	Elk Creek 15'		Early Cretaceous K Zone
12777	Elk Creek	517	32	Grindstone Ranch	152-B	Elk Creek 15'		Early Cretaceous K Zone
12778	Elk Creek	517	33	Grindstone Ranch	152-B	Elk Creek 15'		Early Cretaceous K Zone
12779	Elk Creek	517	34	Grindstone Ranch	152-B	Elk Creek 15'		Early Cretaceous K Zone
12780	Elk Creek	517	35	near Elk Ck town	152-B	Elk Creek 15'		Late Jurassic M Zone
12781	Elk Creek	517	37	Rd W from Elk Ck	152-B	Elk Creek 15'		probably Late Jurassic M Zone
12782	Fruto	517	13	Hoodoo Hills	152-B	Fruto 15'		probably Late Cretaceous I Zone
12783	Fruto	517	17	Fruto area	152-B	Fruto 15'		Late Cretaceous H Zone
12784	Fruto	517	21	Fruto area	152-B	Fruto 15'		probably Late Cretaceous arenaceous foraminifers
12785	Fruto	517	25	Fruto area	152-B	Fruto 15'		probably Early Cretaceous J Zone
12786	Lodoga	517	45	Howard Creek	152-B	Lodoga 15'		Early Cretaceous J Zone
12787	Lodoga	517	48	Howard Creek	152-B	Lodoga 15'		probably Early Cretaceous J Zone
12788	Lodoga	517	49	Howard Creek	152-B	Lodoga 15'		probably Early Cretaceous J Zone
12789	Lodoga	517	52	Howard Creek	152-B	Lodoga 15'		Early Cretaceous J Zone
12790	Logan Ridge	517	53	Hunter Creek	152-B	Lodoga 15'		Late Cretaceous? arenaceous foraminifers
12791	Logan Ridge	517	54	Hunter Creek	152-B	Lodoga 15'		Late Cretaceous? arenaceous foraminifers
12792	Logan Ridge	517	57	Hunter Creek	152-B	Lodoga 15'		Early Cretaceous J Zone
12793	Logan Ridge	517	58	Hunter Creek	152-C	Lodoga 15'		Early Cretaceous J Zone
12794	Logan Ridge	517	59	Hunter Creek	152-C	Lodoga 15'		Early Cretaceous J Zone
12795	San Pedro	517		Whites Point	no slide		age from map	middle and late Miocene Lower Mohnian Stage
12796	Stone Valley	517	2	Hoodoo Hills	152-B	Fruto 15'		Late Cretaceous
12797	Stone Valley	517	4	Hoodoo Hills	152-B	Fruto 15'		possibly Early Cretaceous
12798	Stone Valley	517	7	Hoodoo Hills	152-B	Fruto 15'		Early Cretaceous J Zone
12799	Stone Valley	517	10	Hoodoo Hills	152-B	Fruto 15'		probably E Cretaceous J Zone
12800	Byron Hot Springs	519	2A	Byron Creek	222-I	see locality 271	strat column	early Eocene B-4 or C Zone
12801	Byron Hot Springs	519	2B	Byron Creek	222-I	for strat column	auger	early Eocene B-4 or C Zone
12802	Byron Hot Springs	519	8	Byron Creek	222-I	and ages	auger	Cretaceous arenaceous foraminifers
12803	Byron Hot Springs	519	9	Byron Creek	222-I	17/1S/3E	auger	Late Cretaceous C or D-1 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
12804	Byron Hot Springs	519	11RW	Byron Creek	222-I	17/1S/3E	auger	Late Cretaceous C or D-1 Zone
12805	Byron Hot Springs	519	12RW	Byron Creek	222-I	17/1S/3E	auger	Late Cretaceous C or D-1 Zone
12806	Byron Hot Springs	519	14RW	Byron Creek	222-I	17/1S/3E	auger	Late Cretaceous C or D-1 Zone
12807	Byron Hot Springs	519	15	Byron Creek	222-I	17/1S/3E	auger	Cretaceous arenaceous foraminifers
12808	Byron Hot Springs	519	15RW	Byron Creek	222-I	17/1S/3E	auger	probably Late Cretaceous D-2 Zone
12809	Byron Hot Springs	519	16	Byron Creek	222-I	17/1S/3E	auger	Cretaceous arenaceous foraminifers
12810	Byron Hot Springs	519	20	Byron Creek	222-I	17/1S/3E	auger	Cretaceous arenaceous foraminifers
12811	Byron Hot Springs	519	20RW	Byron Creek	222-I	17/1S/3E	auger	Cretaceous arenaceous foraminifers
12812	Byron Hot Springs	519	21	Byron Creek	222-I	17/1S/3E	auger	Cretaceous arenaceous foraminifers
12813	Byron Hot Springs	519	26	Byron Creek	222-I	17/1S/3E	auger	Cretaceous arenaceous foraminifers
12814	Byron Hot Springs	519	28	Byron Creek	222-I	17/1S/3E	auger	Late Cretaceous G-1 Zone
12815	Byron Hot Springs	519	29	Byron Creek	222-I	17/1S/3E	auger	Late Cretaceous? arenaceous foraminifers
12816	Byron Hot Springs	519	32	Byron Creek	222-I	17/1S/3E	auger	Late Cretaceous? arenaceous foraminifers
12817	Byron Hot Springs	519	34	Byron Creek	222-I	17/1S/3E	auger	Late Cretaceous F-2 Zone
12818	Byron Hot Springs	519	35	Byron Creek	222-I	17/1S/3E	auger	Late Cretaceous F-2 Zone
12819	Byron Hot Springs	519	36	Byron Creek	222-I	17/1S/3E	auger	Cretaceous arenaceous foraminifers
12820	Byron Hot Springs	519	37	Byron Creek	222-I	17/1S/3E	auger	Late Cretaceous F or G Zone
12821	Byron Hot Springs	519	38	Byron Creek	222-I	17/1S/3E	auger	Late Cretaceous F or G Zone
12822	Byron Hot Springs	519	40	Byron Creek	222-I	17/1S/3E	auger	Late Cretaceous F-2 Zone
12823	Byron Hot Springs	519	43	Byron Creek	222-I	17/1S/3E	auger	Cretaceous arenaceous foraminifers
12824	Byron Hot Springs	519	44	Byron Creek	222-I	17/1S/3E	auger	Cretaceous arenaceous foraminifers
12825	Byron Hot Springs	519	45	Byron Creek	222-I	17/1S/3E	auger	Late Cretaceous G Zone
12826	Byron Hot Springs	519	47	Byron Creek	222-I	17/1S/3E	auger	Cretaceous arenaceous foraminifers
12827	Byron Hot Springs	519	50	Byron Creek	222-I	17/1S/3E	auger	Cretaceous arenaceous foraminifers
12828	Byron Hot Springs	519	51	Byron Creek	222-I	17/1S/3E	auger	Cretaceous arenaceous foraminifers
12829	Byron Hot Springs	519	52	Byron Creek	222-I	17/1S/3E	auger	Cretaceous arenaceous foraminifers
12830	Byron Hot Springs	519	54	Byron Creek	222-I	17/1S/3E	auger	Cretaceous arenaceous foraminifers
12831	Byron Hot Springs	519	55	Byron Creek	222-I	17/1S/3E	auger	Cretaceous arenaceous foraminifers
12832	La Habra	519	1	NW part of quad	no slide			Pliocene
12833	Santa Barbara	520	1	Flores Flat	59-L	strat column see	loc 269	middle Eocene Narizian Stage
12834	Santa Barbara	520	2	Flores Flat	59-L	strat column see	loc 269	middle Eocene Narizian Stage
12835	Santa Barbara	520	3	Flores Flat	59-L	strat column see	loc 269	middle Eocene Narizian Stage
12836	Santa Barbara	520	4	Flores Flat	59-L	strat column see	loc 269	middle Eocene Narizian Stage
12837	Santa Barbara	520	5	Flores Flat	59-L	strat column see	loc 269	middle Eocene Narizian Stage
12838	Santa Barbara	520	6	Flores Flat	59-L	strat column see	loc 269	middle Eocene Narizian Stage
12839	Santa Barbara	520	7	Flores Flat	59-L	strat column see	loc 269	middle Eocene Narizian Stage
12840	Santa Barbara	520	8	Flores Flat	59-L	strat column see	loc 269	middle Eocene Narizian Stage
12841	Santa Ynez	521		Refugio Pass	59-M	see strat col 269	NP age	Eocene
12842	Tajiguas?	524	1	C Capitan Lodge Rd	60-M	Los Olivos 15'	not on map	Paleocene?
12843	Tajiguas?	524	2	C Capitan Lodge Rd	60-M	Los Olivos 15'	not on map	Paleocene?
12844	Tajiguas?	524	3	C Capitan Lodge Rd	60-M	Los Olivos 15'	not on map	Paleocene?
12845	Tajiguas?	524	4	C Capitan Lodge Rd	60-M	Los Olivos 15'	not on map	Paleocene?
12846	Tajiguas?	524	6	C Capitan Lodge Rd	60-M	Los Olivos 15'	not on map	Paleocene?
12847	Tajiguas?	524	7	C Capitan Lodge Rd	60-M	Los Olivos 15'	not on map	Paleocene?
12848	Tajiguas?	524	8	C Capitan Lodge Rd	60-M	Los Olivos 15'	not on map	Paleocene?
12849	Tajiguas?	524	9	C Capitan Lodge Rd	60-M	Los Olivos 15'	not on map	Paleocene?
12850	Santa Barbara	525	1	Flores Flat	60-M	strat column see	loc 269	middle Eocene Narizian? Stage
12851	Santa Barbara	525	2	Flores Flat	60-M	strat column see	loc 269	middle Eocene Narizian? Stage
12852	Santa Barbara	525	3	Flores Flat	60-M	strat column see	loc 269	middle Eocene Narizian? Stage
12853	Santa Barbara	525	4	Flores Flat	60-M	strat column see	loc 269	middle Eocene Narizian? Stage
12854	Santa Barbara	525	5	Flores Flat	60-M	strat column see	loc 269	middle Eocene Narizian? Stage
12855	Santa Barbara	525	6	Flores Flat	60-M			middle Eocene Narizian? Stage
12856	Prado Dam	560	26	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12857	Prado Dam	560	27	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12858	Prado Dam	560	28	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12859	Prado Dam	560	29	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12860	Prado Dam	560	30	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12861	Prado Dam	560	31	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12862	Yorba Linda	560	1	Carbon Canyon	62-B	see also LA	Beverly Hills	middle and late Miocene Mohnian Stage
12863	Yorba Linda	560	2	Carbon Canyon	62-B			middle and late Miocene Mohnian Stage
12864	Yorba Linda	560	3	Carbon Canyon	62-B			middle and late Miocene Mohnian Stage
12865	Yorba Linda	560	4	Carbon Canyon	62-B			middle and late Miocene Mohnian Stage
12866	Yorba Linda	560	5	Carbon Canyon	62-B			middle and late Miocene Mohnian Stage
12867	Yorba Linda	560	6	Carbon Canyon	62-B			middle and late Miocene Mohnian Stage
12868	Yorba Linda	560	7	Carbon Canyon	62-B			middle and late Miocene Mohnian Stage
12869	Yorba Linda	560	8	Carbon Canyon	62-B			middle and late Miocene Mohnian Stage
12870	Yorba Linda	560	9	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12871	Yorba Linda	560	10	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12872	Yorba Linda	560	11	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12873	Yorba Linda	560	12	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12874	Yorba Linda	560	13	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12875	Yorba Linda	560	15	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12876	Yorba Linda	560	17	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12877	Yorba Linda	560	18	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
12878	Yorba Linda	560	19	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12879	Yorba Linda	560	20	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12880	Yorba Linda	560	21	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12881	Yorba Linda	560	22	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12882	Yorba Linda	560	23	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12883	Yorba Linda	560	24	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12884	Yorba Linda	560	25	Carbon Canyon	62-B			middle and late Miocene upper Mohnian Stage
12885	Shale Point	566		Shale Point	A-7			late Miocene
12886	San Nicholas Island	567	4	NW of Dutch Harbor	104-F	Have strat column		early Eocene P-9 Zone
12887	San Nicholas Island	567	5	NW of Dutch Harbor	104-F	Foram faunas are a	mixture of	early Eocene P-9 Zone
12888	San Nicholas Island	567	6	NW of Dutch Harbor	104-F	Refugian and Recent	forms. All	early Eocene P-9 Zone
12889	San Nicholas Island	567	7	NW of Dutch Harbor	104-F	ages from NP.		early Eocene P-9 Zone
12890	San Nicholas Island	567	8	NW of Dutch Harbor	104-F			early Eocene P-9 Zone
12891	San Nicholas Island	567	9	NW of Dutch Harbor	no slide			early Eocene P-9 Zone
12892	San Nicholas Island	567	10	NW of Dutch Harbor	no slide			early Eocene P-9 Zone
12893	San Nicholas Island	567	11	NW of Dutch Harbor	no slide			early Eocene P-9 Zone
12894	La Habra	569	25	see map in 631	no slide			middle and late Miocene Mohnian Stage
12895	Van Nuys	570	8	Mulholland Drive	62-I			Miocene
12896	Van Nuys	570	9	Mulholland Drive	62-I			Miocene
12897	Van Nuys	570	10	Mulholland Drive	62-I			Miocene
12898	Van Nuys	570	11	Mulholland Drive	62-I			Miocene
12899	Van Nuys	570	12A	Mulholland Drive	62-I			Miocene
12900	Van Nuys	570	13	Mulholland Drive	62-I			Miocene
12901	Van Nuys	570	14A	Mulholland Drive	62-I			Miocene
12902	Van Nuys	570	16A	Mulholland Drive	62-I			Miocene
12903	Van Nuys	570	16B	Mulholland Drive	62-I			Miocene
12904	Van Nuys	570	17A	Mulholland Drive	62-I			Miocene
12905	Van Nuys	570	18A	Mulholland Drive	62-I			middle Miocene Luisian Stage
12906	Van Nuys	571	4	Coldwater Canyon	62-C			middle Miocene Luisian Stage
12907	Burbank	572	1	Griffith Park	62-H			Miocene
12908	Burbank	572	29	Griffith Park	62-H			middle Miocene Luisian Stage
12909	Burbank	572	31	Griffith Park	62-H			middle Miocene Luisian Stage
12910	Burbank	572	32	Griffith Park	62-H			middle Miocene Luisian Stage
12911	Burbank	572	34	Griffith Park	62-H			middle Miocene Luisian Stage
12912	Burbank	572	35	Griffith Park	62-H			middle Miocene Luisian Stage
12913	Cayucos	575	1	China Harbor	no slide		pollen	Late Cretaceous
12914	Cayucos	575	2	China Harbor	no slide		pollen	Late Cretaceous
12915	Cayucos	575	4	China Harbor	no slide		pollen	Late Cretaceous
12916	Cayucos	575	5	China Harbor	no slide		pollen	Late Cretaceous
12917	Cayucos	575	6	China Harbor	no slide		pollen	Late Cretaceous
12918	Domengine Ranch	583		WC part of quad	A-7	SW corner of quad		Eocene
12919	Domengine Ranch	584		WC part of quad	A-7	Joaquin Rocks 15'	Moreno	Cretaceous arenaceous foraminifers
12920	York Mountain	585	1	Cayucos Road	65-I			probably Oligocene Zemorrian Stage
12921	York Mountain	585	2	Cayucos Road	65-I			probably Oligocene Zemorrian Stage
12922	York Mountain	585	3	Cayucos Road	65-I			probably Oligocene Zemorrian Stage
12923	York Mountain	585	4	Cayucos Road	65-I			probably Oligocene Zemorrian Stage
12924	York Mountain	585	5	Cayucos Road	65-I			probably Oligocene Zemorrian Stage
12925	York Mountain	585	6	Cayucos Road	65-I			probably Oligocene Zemorrian Stage
12926	York Mountain	585	7	Cayucos Road	65-I			probably Oligocene Zemorrian Stage
12927	York Mountain	585	8	Cayucos Road	65-I			probably Oligocene Zemorrian Stage
12928	York Mountain	585	9	Cayucos Road	65-I			probably Oligocene Zemorrian Stage
12929	York Mountain	585	10	Cayucos Road	65-I			probably Oligocene Zemorrian Stage
12930	York Mountain	585	11	Cayucos Road	65-I			probably Oligocene Zemorrian Stage
12931	York Mountain	585	12	Cayucos Road	65-I			probably Oligocene Zemorrian Stage
12932	York Mountain	585	13	Cayucos Road	65-I			probably Oligocene Zemorrian Stage
12933	York Mountain	585	14	Cayucos Road	65-I			probably Oligocene Zemorrian Stage
12934	Twitchell Dam	587	1	NE part of quad	no slide		also fish scales	middle and late Miocene lower Mohnian Stage
12935	Twitchell Dam	587	2	NE part of quad	no slide		also fish scales	middle and late Miocene lower Mohnian Stage
12936	Twitchell Dam	587	3	NE part of quad	no slide		also fish scales	probably middle Miocene Luisian Stage
12937	Twitchell Dam	587	4	NE part of quad	no slide		also fish scales	probably middle Miocene Luisian Stage
12938	Twitchell Dam	587	5	NE part of quad	no slide		also fish scales	probably middle Miocene Luisian Stage
12939	Twitchell Dam	587	6	NE part of quad	no slide		also fish scales	probably middle Miocene Luisian Stage
12940	Twitchell Dam	587	7	NE part of quad	no slide			probably middle Miocene Luisian Stage
12941	Twitchell Dam	587	8	NE part of quad	no slide			probably middle Miocene Luisian Stage
12942	Twitchell Dam	587	9	NE part of quad	no slide			probably middle Miocene Luisian Stage
12943	Twitchell Dam	587	10	NE part of quad	no slide			middle Miocene
12944	Twitchell Dam	588	1	SE part of quad	64-I			early Miocene Relizian Stage
12945	Twitchell Dam	588	3	SE part of quad	64-I			middle Miocene Luisian Stage
12946	Twitchell Dam	588	5	SE part of quad	64-I			Miocene
12947	Twitchell Dam	588	9	SE part of quad	64-I			middle Miocene Luisian Stage
12948	Twitchell Dam	588	10	SE part of quad	64-I			middle and late Miocene Mohnian Stage
12949	Twitchell Dam	588	11	SE part of quad	64-I			middle and late Miocene Mohnian Stage
12950	Twitchell Dam	588	14	SE part of quad	64-I			middle and late Miocene Mohnian Stage
12951	Tepusquet Canyon	589	2	SW part of quad	no slide	age on forams and	fish scales	middle and late Miocene lower Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
12952	Tepusquet Canyon	589	3	SW part of quad	no slide		fish scales	middle and late Miocene lower Mohnian Stage
12953	Tepusquet Canyon	589	4	SW part of quad	no slide		fish scales	middle and late Miocene lower Mohnian Stage
12954	Tepusquet Canyon	589	5	SW part of quad	no slide		fish scales	middle and late Miocene lower Mohnian Stage
12955	Tepusquet Canyon	589	6	SW part of quad	no slide		fish scales	middle and late Miocene lower Mohnian Stage
12956	Tepusquet Canyon	589	7	SW part of quad	no slide		fish scales	middle and late Miocene lower Mohnian Stage
12957	Tepusquet Canyon	589	8	SW part of quad	no slide		fish scales	middle and late Miocene lower Mohnian Stage
12958	Tepusquet Canyon	589	9	SW part of quad	no slide		fish scales	middle and late Miocene lower Mohnian Stage
12959	Tepusquet Canyon	589	10	SW part of quad	no slide		fish scales	middle and late Miocene lower Mohnian Stage
12960	Tepusquet Canyon	589	11	SW part of quad	no slide		fish scales	middle and late Miocene lower Mohnian Stage
12961	Tepusquet Canyon	589	12	SW part of quad	no slide		fish scales	middle and late Miocene lower Mohnian Stage
12962	Tepusquet Canyon	589	13	SW part of quad	no slide	age on forams and	fish scales	possibly middle Miocene Luisian Stage
12963	Tepusquet Canyon	591	6	Hudson Canyon	64-I	diatoms and fish		late Miocene Delmontian Stage
12964	Newport Beach	592		Upper Newport Bay	no slide		age from map	middle Miocene
12965	Whittier	597	31	Turnbull Canyon	73-M		poor fauna	late Miocene Delmontian Stage
12966	La Habra	598	3	NW part of quad	74-C	upper Repetto Fm	strat map	Pliocene
12967	La Habra	598	4	NW part of quad	74-C	upper Repetto Fm		Pliocene
12968	La Habra	598	5	NW part of quad	74-C	upper Repetto Fm		Pliocene
12969	La Habra	598	6	NW part of quad	74-C	upper Repetto Fm		Pliocene
12970	La Habra	598	7	NW part of quad	74-C	upper Repetto Fm		Pliocene
12971	La Habra	598	8	NW part of quad	74-C	upper Repetto Fm		Pliocene
12972	La Habra	598	9	NW part of quad	74-C	upper Repetto Fm		Pliocene
12973	La Habra	598	10	NW part of quad	74-C	upper Repetto Fm		Pliocene
12974	La Habra	598	11	NW part of quad	74-C	upper Repetto Fm		Pliocene
12975	La Habra	598	12	NW part of quad	74-C	upper Repetto Fm		Pliocene
12976	La Habra	598	13	NW part of quad	74-C	upper Repetto Fm		Pliocene
12977	La Habra	598	14	NW part of quad	74-C	upper Repetto Fm		Pliocene
12978	La Habra	598	15	NW part of quad	74-C	upper Repetto Fm		Pliocene
12979	La Habra	598	16	NW part of quad	74-C	upper Repetto Fm		Pliocene
12980	La Habra	598	17	NW part of quad	74-C	upper Repetto Fm		Pliocene
12981	La Habra	598	18	NW part of quad	74-C	upper Repetto Fm		Pliocene
12982	La Habra	598	19	NW part of quad	74-C	upper Repetto Fm		Pliocene
12983	La Habra	598	20	NW part of quad	74-C	upper Repetto Fm		Pliocene
12984	La Habra	598	21	NW part of quad	74-C	upper Repetto Fm		Pliocene
12985	La Habra	598	22	NW part of quad	74-C	upper Repetto Fm		Pliocene
12986	La Habra	598	23	NW part of quad	74-C	upper Repetto Fm		Pliocene
12987	La Habra	598	24	NW part of quad	74-C	upper Repetto Fm		Pliocene
12988	Whittier	598	25	East Whittier	74-C	upper Repetto Fm		Pliocene
12989	Whittier	598	26	East Whittier	74-D	upper Repetto Fm		Pliocene
12990	Whittier	598	27	East Whittier	74-D	upper Repetto Fm		Pliocene
12991	Whittier	598	28	East Whittier	74-D	upper Repetto Fm		Pliocene
12992	Whittier	598	29	East Whittier	74-D	upper Repetto Fm		Pliocene
12993	Whittier	598	30	East Whittier	74-D	upper Repetto Fm		Pliocene
12994	Whittier	598	31	East Whittier	74-D	upper Repetto Fm		Pliocene
12995	Whittier	598	32	East Whittier	74-D	upper Repetto Fm		Pliocene
12996	Whittier	598	33	East Whittier	74-D	upper Repetto Fm		Pliocene
12997	Whittier	598	34	East Whittier	74-D	upper Repetto Fm		Pliocene
12998	Whittier	598	35	East Whittier	74-D	upper Repetto Fm		Pliocene
12999	Whittier	598	36	East Whittier	74-D	upper Repetto Fm		Pliocene
13000	Whittier	598	37	East Whittier	74-D	upper Repetto Fm		Pliocene
13001	Whittier	598	38	East Whittier	74-D	upper Repetto Fm		Pliocene
13002	Whittier	598	39	East Whittier	74-D	upper Repetto Fm		Pliocene
13003	Whittier	598	40	East Whittier	74-D	upper Repetto Fm		Pliocene
13004	Whittier	598	41	East Whittier	74-D	upper Repetto Fm		Pliocene
13005	Whittier	598	42	East Whittier	74-D	upper Repetto Fm		Pliocene
13006	Whittier	598	43	East Whittier	74-D	upper Repetto Fm		Pliocene
13007	Whittier	598	44	East Whittier	74-D	upper Repetto Fm		Pliocene
13008	Whittier	598	46	East Whittier	74-D	upper Repetto Fm		Pliocene
13009	Whittier	598	47	East Whittier	74-D	upper Repetto Fm		Pliocene
13010	Whittier	598	48	East Whittier	74-D	upper Repetto Fm		Pliocene
13011	Whittier	598	49	East Whittier	74-D	upper Repetto Fm		Pliocene
13012	Whittier	598	50	East Whittier	74-D	upper Repetto Fm		Pliocene
13013	Whittier	598	51	East Whittier	74-D	upper Repetto Fm		Pliocene
13014	Whittier	598	52	East Whittier	74-D	upper Repetto Fm		Pliocene
13015	Whittier	598	54	East Whittier	74-D	upper Repetto Fm		Pliocene
13016	Whittier	598	56	East Whittier	74-D	upper Repetto Fm		Pliocene
13017	Whittier	598	57	East Whittier	74-D	upper Repetto Fm		Pliocene
13018	Whittier	598	58	East Whittier	74-D	upper Repetto Fm		Pliocene
13019	Whittier	598	59	East Whittier	74-D	upper Repetto Fm		Pliocene
13020	Whittier	598	60	East Whittier	74-D	upper Repetto Fm		Pliocene
13021	Whittier	598	63	East Whittier	74-D	upper Repetto Fm		Pliocene
13022	Whittier	598	64	East Whittier	74-D	upper Repetto Fm		Pliocene
13023	Whittier	598	65	East Whittier	74-D	upper Repetto Fm		Pliocene
13024	Whittier	598	66	East Whittier	74-D	upper Repetto Fm		Pliocene
13025	Whittier	598	67	East Whittier	74-D	upper Repetto Fm		Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
13026	Whittier	598	68	East Whittier	74-D	upper Repetto Fm		Pliocene
13027	Whittier	598	69	East Whittier	74-D	upper Repetto Fm		Pliocene
13028	Whittier	598	70	East Whittier	74-D	upper Repetto Fm		Pliocene
13029	Whittier	598	72	East Whittier	74-D	upper Repetto Fm		Pliocene
13030	Whittier	598	74	East Whittier	74-D	upper Repetto Fm		Pliocene
13031	Whittier	598	75	East Whittier	74-D	upper Repetto Fm		Pliocene
13032	Whittier	598	76	East Whittier	74-D	upper Repetto Fm		Pliocene
13033	Whittier	598	81	East Whittier	74-D	upper Repetto Fm		Pliocene
13034	Whittier	598	83	East Whittier	74-D	upper Repetto Fm		Pliocene
13035	Whittier	598	88	East Whittier	74-D	upper Repetto Fm		Pliocene
13036	Whittier	598	89	East Whittier	74-D	upper Repetto Fm		Pliocene
13037	Whittier	598	91	East Whittier	74-D	upper Repetto Fm		Pliocene
13038	Whittier	598	92	East Whittier	74-D	upper Repetto Fm		Pliocene
13039	Whittier	598	93	East Whittier	74-D	upper Repetto Fm		Pliocene
13040	Whittier	598	95	East Whittier	74-D	upper Repetto Fm		Pliocene
13041	Whittier	598	96	East Whittier	74-E	upper Repetto Fm		Pliocene
13042	Whittier	598	97	East Whittier	74-E	upper Repetto Fm		Pliocene
13043	Whittier	598	98	East Whittier	74-E	upper Repetto Fm		Pliocene
13044	Whittier	598	99	East Whittier	74-E	upper Repetto Fm		Pliocene
13045	Whittier	598	100	East Whittier	74-E	upper Repetto Fm		Pliocene
13046	Whittier	598	102	East Whittier	74-E	upper Repetto Fm		Pliocene
13047	La Habra	601	59	East Whittier	74-I			late Miocene Delmontian Stage
13048	Whittier	601	1	East Whittier	74-H	has dupes		Pliocene
13049	Whittier	601	2	East Whittier	74-H	see strat map		Pliocene
13050	Whittier	601	3	East Whittier	74-H	loc 598		Pliocene
13051	Whittier	601	4	East Whittier	74-H			Pliocene
13052	Whittier	601	5	East Whittier	74-H			Pliocene
13053	Whittier	601	6	East Whittier	74-H			Pliocene
13054	Whittier	601	7	East Whittier	74-H			Pliocene
13055	Whittier	601	8	East Whittier	74-H			Pliocene
13056	Whittier	601	9	East Whittier	74-H			Pliocene
13057	Whittier	601	10	East Whittier	74-H			Pliocene
13058	Whittier	601	11	East Whittier	74-H			Pliocene
13059	Whittier	601	12	East Whittier	74-H			Pliocene
13060	Whittier	601	13	East Whittier	74-H			Pliocene
13061	Whittier	601	17	East Whittier	74-H			Pliocene
13062	Whittier	601	18	East Whittier	74-H			Pliocene
13063	Whittier	601	19	East Whittier	74-H			Pliocene
13064	Whittier	601	20	East Whittier	74-H			Pliocene
13065	Whittier	601	21	East Whittier	74-H			Pliocene
13066	Whittier	601	22	East Whittier	74-H			Pliocene
13067	Whittier	601	23	East Whittier	74-H			Pliocene
13068	Whittier	601	24	East Whittier	74-H			Pliocene
13069	Whittier	601	25	East Whittier	74-H			Pliocene
13070	Whittier	601	26	East Whittier	74-H			Pliocene
13071	Whittier	601	27	East Whittier	74-H			Pliocene
13072	Whittier	601	28	East Whittier	74-H			Pliocene
13073	Whittier	601	28A	East Whittier	74-H			Pliocene
13074	Whittier	601	29	East Whittier	74-H			Pliocene
13075	Whittier	601	29A	East Whittier	74-H			Pliocene
13076	Whittier	601	30	East Whittier	74-H			Pliocene
13077	Whittier	601	31	East Whittier	74-H			Pliocene
13078	Whittier	601	31A	East Whittier	74-H			Pliocene
13079	Whittier	601	32	East Whittier	74-H			Pliocene
13080	Whittier	601	33	East Whittier	74-H			Pliocene
13081	Whittier	601	34	East Whittier	74-H			Pliocene
13082	Whittier	601	34A	East Whittier	74-H			Pliocene
13083	Whittier	601	35	East Whittier	74-H			Pliocene
13084	Whittier	601	36	East Whittier	74-H			Pliocene
13085	Whittier	601	37	East Whittier	74-H			Pliocene
13086	Whittier	601	38	East Whittier	74-H			Pliocene
13087	Whittier	601	39	East Whittier	74-H			Pliocene
13088	Whittier	601	40	East Whittier	74-H			Pliocene
13089	Whittier	601	41	East Whittier	74-H			Pliocene
13090	Whittier	601	42	East Whittier	74-H			Pliocene
13091	Whittier	601	43	East Whittier	74-H			Pliocene
13092	Whittier	601	44	East Whittier	74-H			Pliocene
13093	Whittier	601	45	East Whittier	74-H			Pliocene
13094	Whittier	601	46	East Whittier	74-H			Pliocene
13095	Whittier	601	47	East Whittier	74-H			Pliocene
13096	La Habra	601	48	NW part of quad	74-H			late Miocene Delmontian Stage
13097	La Habra	601	49	NW part of quad	74-H			late Miocene Delmontian Stage
13098	La Habra	601	50	NW part of quad	74-I			late Miocene Delmontian Stage
13099	La Habra	601	51	NW part of quad	74-I			late Miocene Delmontian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
13100	La Habra	601	52	NW part of quad	74-I			late Miocene Delmontian Stage
13101	La Habra	601	53	NW part of quad	74-I			late Miocene Delmontian Stage
13102	La Habra	601	54	NW part of quad	74-I			late Miocene Delmontian Stage
13103	La Habra	601	55	NW part of quad	74-I			late Miocene Delmontian Stage
13104	La Habra	601	56	NW part of quad	74-I			late Miocene Delmontian Stage
13105	La Habra	601	57	NW part of quad	74-I			late Miocene Delmontian Stage
13106	La Habra	601	58	NW part of quad	74-I			late Miocene Delmontian Stage
13107	Point Sal	604	3	Mussel Point area	65-J	duplicates?	Have strat	middle Miocene
13108	Point Sal	604	4	Mussel Point area	65-J	duplicates?	column but age	middle Miocene
13109	Point Sal	604	5	Mussel Point area	65-J	duplicates?	from Weaver	middle Miocene
13110	Point Sal	604	3	Mussel Point area	66-L			middle Miocene
13111	Point Sal	604	4	Mussel Point area	66-L			middle Miocene
13112	Point Sal	604	5	Mussel Point area	66-L			middle Miocene
13113	Point Sal	604	6	Mussel Point area	66-L			middle Miocene
13114	Point Sal	604	7	Mussel Point area	66-L			middle Miocene
13115	Point Sal	604	8	Mussel Point area	66-L			early Miocene Relizian Stage
13116	Point Sal	604	13	Mussel Point area	66-L			early Miocene Relizian Stage
13117	Point Sal	604	15	Mussel Point area	66-L			early Miocene Relizian Stage
13118	Point Sal	604	17	Mussel Point area	66-L			early Miocene Relizian Stage
13119	Point Sal	604	19	Mussel Point area	66-L			early Miocene Relizian Stage
13120	Point Sal	604	20	Mussel Point area	66-L			early Miocene Relizian Stage
13121	Point Sal	604	23	Mussel Point area	66-L			early Miocene Relizian Stage
13122	Point Sal	604	24	Mussel Point area	66-L			early Miocene Relizian Stage
13123	Point Sal	604	25	Mussel Point area	66-L			early Miocene Relizian Stage
13124	Point Sal	604	26	Mussel Point area	66-L			early Miocene Relizian Stage
13125	Point Sal	604	27	Mussel Point area	66-L			early Miocene Relizian Stage
13126	Point Sal	604	28	Mussel Point area	66-L			early Miocene Relizian Stage
13127	Point Sal	604	31	Mussel Point area	66-L			early Miocene Relizian Stage
13128	Whittier	605	2	East Whittier	73-L	see strat map		Pliocene
13129	Whittier	605	3	East Whittier	73-L	locality 598		Pliocene
13130	Whittier	605	4	East Whittier	73-L			Pliocene
13131	Whittier	605	5	East Whittier	73-L			Pliocene
13132	San Miguel Island East	611	1	S of Bay Point	45-F	Have strat column		early Miocene Relizian Stage
13133	San Miguel Island East	611	2	S of Bay Point	45-F	and foram check		early Miocene Relizian Stage
13134	San Miguel Island East	611	5	S of Bay Point	45-F	list. Also nanno-		early Miocene Relizian Stage
13135	San Miguel Island East	611	10	Cuyler Harbor	45-F	plankton lists		Eocene
13136	San Miguel Island East	611	11	Cuyler Harbor	45-F	see # 9279		Eocene
13137	San Miguel Island East	611	18	Cuyler Harbor	45-F			Eocene
13138	San Miguel Island East	611	19	Cuyler Harbor	45-F			Eocene
13139	San Miguel Island East	611	24	Crook Point	45-F			middle Eocene
13140	San Miguel Island East	611	27	W of Crook Point	45-F			early Eocene
13141	San Miguel Island East	611	29	W of Crook Point	45-F			early Eocene
13142	San Miguel Island East	611	39	Cuyler Harbor	45-F			Eocene
13143	San Miguel Island West	611	37	Simonton cove	45-F			Eocene
13144	San Miguel Island West	612	6	Simonton Cove	82-J	L Cretaceous NP	see #9279	Late Cretaceous E Zone
13145	San Miguel Island West	612	7	Simonton Cove	82-J	L Cretaceous NP		Late Cretaceous E Zone
13146	San Miguel Island West	612	9	Simonton Cove	82-J	Cretaceous NP		Late Cretaceous arenaceous foraminifers
13147	San Miguel Island West	612	10	Simonton Cove	82-J			Late Cretaceous D-2 Zone
13148	San Miguel Island West	612	11	Simonton Cove	82-J			Late Cretaceous D or E Zones
13149	San Miguel Island West	612	23	SE of Castle Rock	82-J	foram ages in		Cretaceous? arenaceous foraminifers
13150	San Miguel Island West	612	27	SE of Castle Rock	82-J	second strat		Cretaceous? arenaceous foraminifers
13151	San Miguel Island West	612	28	SE of Castle Rock	82-J	column		Cretaceous? arenaceous foraminifers
13152	San Miguel Island West	612	29	SE of Castle Rock	82-J			Cretaceous? arenaceous foraminifers
13153	San Miguel Island West	612	33	SE of Castle Rock	82-J	L Cretaceous NP		Cretaceous? arenaceous foraminifers
13154	San Miguel Island West	612	44	SE of Castle Rock	82-J	L Cretaceous NP		Late Cretaceous arenaceous foraminifers
13155	San Miguel Island West	612	45	SE of Castle Rock	82-J			contaminated
13156	San Miguel Island West	612	47	SE of Castle Rock	82-J			contaminated?
13157	San Miguel Island West	612	48	SE of Castle Rock	82-J		Inoceramus	Cretaceous? arenaceous foraminifers
13158	San Miguel Island East	613	38	W of Crook Point	82-L	L Eocene nannos		early Eocene
13159	San Miguel Island East	613	39	W of Crook Point	82-L	L Eocene nannos		early Eocene
13160	San Miguel Island East	613	41	W of Crook Point	82-L	L Eocene nannos		early Eocene
13161	San Miguel Island East	613	42	W of Crook Point	82-L	L Eocene nannos		early Eocene
13162	San Miguel Island West	613	20	Tyler Bight	82-L	L Cretaceous NP		Late Cretaceous arenaceous foraminifers
13163	San Miguel Island West	613	32	EC part of quad	82-L		NP age	early Eocene
13164	La Habra	614	38	Arroyo Pescadero	74-E	see strat map		late Miocene Delmontian Stage
13165	La Habra	614	39	Arroyo Pescadero	74-E	loc # 598		late Miocene Delmontian Stage
13166	La Habra	614	42	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13167	La Habra	614	46	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13168	La Habra	614	47	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13169	La Habra	614	48	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13170	La Habra	614	49	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13171	La Habra	614	50	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13172	La Habra	614	51	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13173	La Habra	614	52	Arroyo Pescadero	74-E			late Miocene Delmontian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
13174	La Habra	614	53	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13175	La Habra	614	54	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13176	La Habra	614	55	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13177	La Habra	614	57	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13178	La Habra	614	58	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13179	La Habra	614	59	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13180	La Habra	614	60	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13181	La Habra	614	61	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13182	La Habra	614	62	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13183	La Habra	614	63	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13184	La Habra	614	64	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13185	La Habra	614	65	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13186	La Habra	614	66	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13187	La Habra	614	67	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13188	La Habra	614	69	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13189	La Habra	614	"69-1	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13190	La Habra	614	"69-2	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13191	La Habra	614	"70-1	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13192	La Habra	614	"70-2	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13193	La Habra	614	71	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13194	La Habra	614	72	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13195	La Habra	614	73	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13196	La Habra	614	74	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13197	La Habra	614	75	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13198	La Habra	614	76	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13199	La Habra	614	77	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13200	La Habra	614	78	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13201	La Habra	614	79	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13202	La Habra	614	80	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13203	La Habra	614	81	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13204	La Habra	614	82	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13205	La Habra	614	83	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13206	La Habra	614	84	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13207	La Habra	614	85	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13208	La Habra	614	87	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13209	La Habra	614	88	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13210	La Habra	614	89	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13211	La Habra	614	90	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13212	La Habra	614	91	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13213	La Habra	614	92	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13214	La Habra	614	93	Arroyo Pescadero	74-E			late Miocene Delmontian Stage
13215	La Habra	614	"90-2	Arroyo Pescadero	74-F			late Miocene Delmontian Stage
13216	La Habra	614	"91-2	Arroyo Pescadero	74-F			late Miocene Delmontian Stage
13217	La Habra	614	"92-2	Arroyo Pescadero	74-F			late Miocene Delmontian Stage
13218	La Habra	614	"93-2	Arroyo Pescadero	74-F			late Miocene Delmontian Stage
13219	La Habra	614	"94-2	Arroyo Pescadero	74-F			late Miocene Delmontian Stage
13220	La Habra	614	94	Arroyo Pescadero	74-F			late Miocene Delmontian Stage
13221	La Habra	614	95	Arroyo Pescadero	74-F			late Miocene Delmontian Stage
13222	La Habra	614	96	Arroyo Pescadero	74-F			late Miocene Delmontian Stage
13223	La Habra	614	98	Arroyo Pescadero	74-F			late Miocene Delmontian Stage
13224	La Habra	614	99	Arroyo Pescadero	74-F			late Miocene Delmontian Stage
13225	La Habra	614	100	Arroyo Pescadero	74-F			late Miocene Delmontian Stage
13226	La Habra	614	101	Arroyo Pescadero	74-F			late Miocene Delmontian Stage
13227	La Habra	614	102	Arroyo Pescadero	74-F			late Miocene Delmontian Stage
13228	La Habra	614	103	Arroyo Pescadero	74-F			late Miocene Delmontian Stage
13229	La Habra	614	104	Arroyo Pescadero	74-F			late Miocene Delmontian Stage
13230	La Habra	614	105	Arroyo Pescadero	74-F			late Miocene Delmontian Stage
13231	La Habra	614	106	Arroyo Pescadero	74-F			late Miocene Delmontian Stage
13232	La Habra	614	107	Arroyo Pescadero	74-F			late Miocene Delmontian Stage
13233	La Habra	614	108	Arroyo Pescadero	74-F			late Miocene Delmontian Stage
13234	La Habra	614	109	Arroyo Pescadero	74-F			Pliocene
13235	La Habra	614	110	Arroyo Pescadero	74-F			Pliocene
13236	La Habra	614	111	Arroyo Pescadero	74-F			Pliocene
13237	La Habra	614	112	Arroyo Pescadero	74-F			Pliocene
13238	La Habra	614	113	Arroyo Pescadero	74-F			Pliocene
13239	La Habra	614	114	Arroyo Pescadero	74-F			Pliocene
13240	La Habra	614	115	Arroyo Pescadero	74-F			Pliocene
13241	La Habra	614	116	Arroyo Pescadero	74-F			Pliocene
13242	La Habra	614	117	Arroyo Pescadero	74-F			Pliocene
13243	La Habra	614	118	Arroyo Pescadero	74-F			Pliocene
13244	La Habra	614	120	Arroyo Pescadero	74-F			Pliocene
13245	La Habra	614	121	Arroyo Pescadero	74-F			Pliocene
13246	La Habra	614	122	Arroyo Pescadero	74-F			Pliocene
13247	La Habra	614	123	Arroyo Pescadero	74-F			Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
13248	La Habra	614	124	Arroyo Pescadero	74-F			Pliocene
13249	La Habra	614	125	Arroyo Pescadero	74-F			Pliocene
13250	La Habra	614	126	Arroyo Pescadero	74-F			Pliocene
13251	La Habra	614	127	Arroyo Pescadero	74-F			Pliocene
13252	La Habra	614	128	Arroyo Pescadero	74-F			Pliocene
13253	La Habra	614	129	Arroyo Pescadero	74-F			Pliocene
13254	La Habra	614	130	Arroyo Pescadero	74-F			Pliocene
13255	La Habra	614	132	Arroyo Pescadero	74-F			Pliocene
13256	Huasna Peak	615	1	Alamo Creek	no slide	Nipomo 15'		middle Miocene Luisian Stage
13257	Huasna Peak	617	3 to 9	Carrie Canyon	no slide	Nipomo 15'		middle Miocene Luisian Stage
13258	Huasna Peak	617	10 to 13	Carrie Canyon	no slide	Nipomo 15'		middle Miocene Luisian Stage
13259	Mount Vaca	617		Pioneer Ranch vic	A-8			middle Eocene
13260	Huasna Peak	618	6 to 7	Haystack Canyon	no slide	Nipomo 15'		middle Miocene Luisian Stage
13261	Huasna Peak	618	11-13	Haystack Canyon	no slide	Nipomo 15'		middle and late Miocene Mohnian Stage
13262	Mount Vaca	619		Bucktown	A-8	type Vacaville sh		Eocene
13263	Mount Vaca	620		Bucktown	A-8	type Vacaville sh		Eocene
13264	La Habra	621	1	Canada Verde Ck	74-N			Pliocene
13265	La Habra	621	2	Canada Verde Ck	74-N			Pliocene
13266	La Habra	621	3	Canada Verde Ck	74-N			Pliocene
13267	La Habra	621	4	Canada Verde Ck	74-N			Pliocene
13268	La Habra	621	5	Canada Verde Ck	74-N			Pliocene
13269	La Habra	621	6	Canada Verde Ck	74-N			Pliocene
13270	La Habra	621	7	Canada Verde Ck	74-N			Pliocene
13271	La Habra	621	8	Canada Verde Ck	74-N			Pliocene
13272	La Habra	621	9	Canada Verde Ck	74-N			Pliocene
13273	La Habra	621	10	Canada Verde Ck	74-N			Pliocene
13274	La Habra	621	11	Canada Verde Ck	74-N			Pliocene
13275	La Habra	621	12	Canada Verde Ck	74-N			Pliocene
13276	La Habra	621	13	Canada Verde Ck	74-N			Pliocene
13277	La Habra	621	14	Canada Verde Ck	74-N			Pliocene
13278	La Habra	621	15	Canada Verde Ck	74-N			Pliocene
13279	La Habra	621	16	Canada Verde Ck	74-N			Pliocene
13280	La Habra	621	17	Canada Verde Ck	74-N			Pliocene
13281	La Habra	621	18	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13282	La Habra	621	19	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13283	La Habra	621	20	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13284	La Habra	621	21	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13285	La Habra	621	22	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13286	La Habra	621	23	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13287	La Habra	621	24	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13288	La Habra	621	25	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13289	La Habra	621	26	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13290	La Habra	621	27	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13291	La Habra	621	28	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13292	La Habra	621	29	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13293	La Habra	621	30	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13294	La Habra	621	31	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13295	La Habra	621	32	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13296	La Habra	621	33	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13297	La Habra	621	34	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13298	La Habra	621	35	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13299	La Habra	621	36	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13300	La Habra	621	37	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13301	La Habra	621	38	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13302	La Habra	621	39	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13303	La Habra	621	40	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13304	La Habra	621	41	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13305	La Habra	621	42	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13306	La Habra	621	43	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13307	La Habra	621	44	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13308	La Habra	621	45	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13309	La Habra	621	46	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13310	La Habra	621	47	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13311	La Habra	621	48	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13312	La Habra	621	49	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13313	La Habra	621	50	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13314	La Habra	621	51	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13315	La Habra	621	52	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13316	La Habra	621	53	Canada Verde Ck	74-N			late Miocene Delmontian Stage
13317	Mount Vaca	621		Bucktown	A-8	type Vacaville sh		Eocene
13318	La Habra	622	1	Canada Verde Ck	75-A			late Miocene Delmontian Stage
13319	La Habra	622	2	Canada Verde Ck	75-A			late Miocene Delmontian Stage
13320	La Habra	622	3	Canada Verde Ck	75-A			late Miocene Delmontian Stage
13321	La Habra	622	4	Canada Verde Ck	75-A			late Miocene Delmontian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
13322	La Habra	622	5	Canada Verde Ck	75-A			late Miocene Delmontian Stage
13323	La Habra	622	6	Canada Verde Ck	75-A			late Miocene Delmontian Stage
13324	La Habra	622	7	Canada Verde Ck	75-A			late Miocene Delmontian Stage
13325	La Habra	622	8	Canada Verde Ck	75-A			late Miocene Delmontian Stage
13326	La Habra	622	9	Canada Verde Ck	75-A			late Miocene Delmontian Stage
13327	La Habra	622	11	Canada Verde Ck	75-A			late Miocene Delmontian Stage
13328	La Habra	622	15	Canada Verde Ck	75-A			late Miocene Delmontian Stage
13329	La Habra	622	16	Canada Verde Ck	75-A			late Miocene Delmontian Stage
13330	La Habra	622	17	Canada Verde Ck	75-A			late Miocene Delmontian Stage
13331	La Habra	622	18	Canada Verde Ck	75-A			Pliocene
13332	La Habra	622	19	Canada Verde Ck	75-A			Pliocene
13333	La Habra	622	20	Canada Verde Ck	75-A			Pliocene
13334	La Habra	622	21	Canada Verde Ck	75-A			Pliocene
13335	Guinda?	623		not on map	A-8	near Putah Creek		Eocene
13336	Mt Vaca?	624		not on map	A-8	Fenn Ranch		Eocene
13337	Whittier	625	2	Whittier College	73-N			Pliocene
13338	Whittier	625	3	Whittier College	73-N			Pliocene
13339	Whittier	625	4	Whittier College	73-N			Pliocene
13340	Mount Vaca?	626		not on map	A-8	Fenn Ranch		Eocene
13341	Mount Vaca?	627		not on map	A-8	Fenn Ranch		Eocene
13342	Mount Vaca?	627		not on map	A-9	Fenn Ranch		Eocene
13343	Whittier	627	51	East Whittier	75-A	see strat map		Pliocene
13344	Whittier	627	52	East Whittier	75-A	locality 598		Pliocene
13345	Whittier	627	53	East Whittier	75-A			Pliocene
13346	Whittier	627	54	East Whittier	75-A			Pliocene
13347	Whittier	627	55	East Whittier	75-A			Pliocene
13348	Whittier	627	56	East Whittier	75-A			Pliocene
13349	Whittier	627	57	East Whittier	75-A			Pliocene
13350	Whittier	627	58	East Whittier	75-A			Pliocene
13351	Whittier	627	59	East Whittier	75-A			Pliocene
13352	Whittier	627	60	East Whittier	75-A			Pliocene
13353	Whittier	627	61	East Whittier	75-A			Pliocene
13354	Whittier	627	62	East Whittier	75-A			Pliocene
13355	Whittier	627	63	East Whittier	75-A			Pliocene
13356	Whittier	627	64	East Whittier	75-A			Pliocene
13357	Whittier	627	65	East Whittier	75-A			Pliocene
13358	Whittier	627	66	East Whittier	75-A			Pliocene
13359	Whittier	627	67	East Whittier	75-A			Pliocene
13360	Whittier	627	68	East Whittier	75-A			Pliocene
13361	Whittier	627	69	East Whittier	75-A			Pliocene
13362	Whittier	627	70	East Whittier	75-A			Pliocene
13363	Whittier	627	71	East Whittier	75-A			Pliocene
13364	Whittier	627	72	East Whittier	75-A			Pliocene
13365	Whittier	627	73	East Whittier	75-A			Pliocene
13366	Whittier	627	74	East Whittier	75-A			Pliocene
13367	Whittier	627	75	East Whittier	75-A			Pliocene
13368	Whittier	627	76	East Whittier	75-A			Pliocene
13369	Whittier	627	77	East Whittier	75-A			Pliocene
13370	Whittier	627	78	East Whittier	75-A			Pliocene
13371	Whittier	627	79	East Whittier	75-A			Pliocene
13372	Whittier	627	80	East Whittier	75-A			Pliocene
13373	Whittier	627	81	East Whittier	75-A			Pliocene
13374	Whittier	627	82	East Whittier	75-A			Pliocene
13375	Whittier	627	83	East Whittier	75-A			Pliocene
13376	Whittier	627	84	East Whittier	75-A			Pliocene
13377	Whittier	627	85	East Whittier	75-A			Pliocene
13378	Whittier	627	86	East Whittier	75-A			Pliocene
13379	Whittier	627	87	East Whittier	75-A			Pliocene
13380	Whittier	627	88	East Whittier	75-A			Pliocene
13381	Mount Vaca?	628		not on map	A-10			Eocene
13382	Mount Vaca?	629		not on map	A-11			Eocene
13383	Point Conception	629	1	vic Canada Cojo	85-I			Late Cretaceous
13384	Point Conception	629	2	vic Canada Cojo	none			Late Cretaceous
13385	Point Conception	629	37	vic Canada Cojo	85-I			Eocene
13386	Point Conception	629	284	vic Canada Cojo	85-I			Eocene
13387	Point Conception	629	350	vic Canada Cojo	85-I			Eocene
13388	Point Conception	629	351	vic Canada Cojo	85-I			late Eocene Refugian Stage
13389	Point Conception	629	469	vic Canada Cojo	85-I			late Eocene Refugian Stage
13390	Point Conception	629	536	vic Canada Cojo	85-I			Oligocene Zemorrian Stage
13391	Point Conception	629	602	vic Canada Cojo	85-I			Oligocene Zemorrian Stage
13392	Point Conception	629	628	vic Canada Cojo	85-I			early Miocene Relizian Stage
13393	Point Conception	629	681	vic Canada Cojo	85-I			early Miocene Relizian Stage
13394	Point Conception	629	682	vic Canada Cojo	85-I			middle and late Miocene Mohnian Stage
13395	Point Conception	629	1013	vic Canada Cojo	85-I			middle and late Miocene Mohnian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
13396	Whittier	630	1	Turnbull Canyon	75-B	see strat map		middle and late Miocene upper Mohnian Stage
13397	Whittier	630	2	Turnbull Canyon	75-B	locality 598		middle and late Miocene upper Mohnian Stage
13398	Whittier	630	3	Turnbull Canyon	75-B			middle and late Miocene upper Mohnian Stage
13399	Whittier	630	4	Turnbull Canyon	75-B			middle and late Miocene upper Mohnian Stage
13400	Whittier	630	5	Turnbull Canyon	75-B			middle and late Miocene upper Mohnian Stage
13401	Whittier	630	6	Turnbull Canyon	75-B			middle and late Miocene upper Mohnian Stage
13402	Whittier	630	7	Turnbull Canyon	75-B			middle and late Miocene upper Mohnian Stage
13403	Whittier	630	8	Turnbull Canyon	75-B			middle and late Miocene upper Mohnian Stage
13404	Whittier	630	9	Turnbull Canyon	75-B			middle and late Miocene upper Mohnian Stage
13405	Whittier	630	10	Turnbull Canyon	75-B			middle and late Miocene upper Mohnian Stage
13406	Whittier	630	11	Turnbull Canyon	75-B			middle and late Miocene upper Mohnian Stage
13407	Whittier	630	12	Turnbull Canyon	75-B			middle and late Miocene upper Mohnian Stage
13408	Whittier	630	14	Turnbull Canyon	75-B			middle and late Miocene Mohnian Stage
13409	Whittier	630	15	Turnbull Canyon	75-B			middle and late Miocene Mohnian Stage
13410	Whittier	630	16	Turnbull Canyon	75-B			middle and late Miocene Mohnian Stage
13411	Whittier	630	17	Turnbull Canyon	75-B			middle and late Miocene Mohnian Stage
13412	Whittier	630	18	Turnbull Canyon	75-B			middle and late Miocene Mohnian Stage
13413	Whittier	630	19	Turnbull Canyon	75-B			middle and late Miocene Mohnian Stage
13414	Whittier	630	20	Turnbull Canyon	75-B			middle and late Miocene Mohnian Stage
13415	Whittier	630	21	Turnbull Canyon	75-B			middle and late Miocene Mohnian Stage
13416	Whittier	630	22	Turnbull Canyon	75-B			middle and late Miocene Mohnian Stage
13417	Whittier	630	23	Turnbull Canyon	75-B			middle and late Miocene Mohnian Stage
13418	Whittier	630	24	Turnbull Canyon	75-B			middle and late Miocene Mohnian Stage
13419	La Habra	631	1	Canada Verde Ck	74-G	see strat map		late Miocene Delmontian Stage
13420	La Habra	631	2	Canada Verde Ck	74-G	loc # 598		late Miocene Delmontian Stage
13421	La Habra	631	3	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13422	La Habra	631	4	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13423	La Habra	631	5	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13424	La Habra	631	6	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13425	La Habra	631	7	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13426	La Habra	631	8	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13427	La Habra	631	9	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13428	La Habra	631	10	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13429	La Habra	631	11	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13430	La Habra	631	12	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13431	La Habra	631	13	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13432	La Habra	631	14	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13433	La Habra	631	15	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13434	La Habra	631	16	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13435	La Habra	631	17	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13436	La Habra	631	18	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13437	La Habra	631	19	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13438	La Habra	631	20	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13439	La Habra	631	21	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13440	La Habra	631	22	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13441	La Habra	631	23	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13442	La Habra	631	24	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13443	La Habra	631	25	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13444	La Habra	631	26	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13445	La Habra	631	27	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13446	La Habra	631	28	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13447	La Habra	631	29	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13448	La Habra	631	30	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13449	La Habra	631	31	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13450	La Habra	631	32	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13451	La Habra	631	33	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13452	La Habra	631	34	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13453	La Habra	631	35	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13454	La Habra	631	36	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13455	La Habra	631	37	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13456	La Habra	631	38	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13457	La Habra	631	39	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13458	La Habra	631	40	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13459	La Habra	631	41	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13460	La Habra	631	42	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13461	La Habra	631	43	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13462	La Habra	631	44	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13463	La Habra	631	45	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13464	La Habra	631	46	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13465	La Habra	631	47	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13466	La Habra	631	48	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13467	La Habra	631	49	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13468	La Habra	631	50	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13469	La Habra	631	51	Canada Verde Ck	74-G			late Miocene Delmontian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
13470	La Habra	631	52	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13471	La Habra	631	53	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13472	La Habra	631	54	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13473	La Habra	631	55	Canada Verde Ck	74-G			late Miocene Delmontian Stage
13474	La Habra	632	1	Canada Verde Ck	74-L	see strat map		middle and late Miocene Mohnian Stage
13475	La Habra	632	2	Canada Verde Ck	74-L	loc # 598		middle and late Miocene Mohnian Stage
13476	La Habra	632	3	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13477	La Habra	632	4	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13478	La Habra	632	5	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13479	La Habra	632	6	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13480	La Habra	632	7	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13481	La Habra	632	8	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13482	La Habra	632	9	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13483	La Habra	632	10	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13484	La Habra	632	11	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13485	La Habra	632	12	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13486	La Habra	632	13	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13487	La Habra	632	14	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13488	La Habra	632	15	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13489	La Habra	632	16	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13490	La Habra	632	17	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13491	La Habra	632	18	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13492	La Habra	632	19	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13493	La Habra	632	20	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13494	La Habra	632	21	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13495	La Habra	632	22	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13496	La Habra	632	23	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13497	La Habra	632	24	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13498	La Habra	632	25	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13499	La Habra	632	26	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13500	La Habra	632	27	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13501	La Habra	632	28	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13502	La Habra	632	29	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13503	La Habra	632	30	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13504	La Habra	632	31	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13505	La Habra	632	32	Canada Verde Ck	74-L			middle and late Miocene Mohnian Stage
13506	La Habra	632	33	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13507	La Habra	632	34	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13508	La Habra	632	35	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13509	La Habra	632	36	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13510	La Habra	632	37	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13511	La Habra	632	38	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13512	La Habra	632	39	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13513	La Habra	632	40	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13514	La Habra	632	41	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13515	La Habra	632	42	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13516	La Habra	632	43	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13517	La Habra	632	44	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13518	La Habra	632	45	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13519	La Habra	632	46	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13520	La Habra	632	47	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13521	La Habra	632	48	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13522	La Habra	632	49	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13523	La Habra	632	50	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13524	La Habra	632	51	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13525	La Habra	632	52	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13526	La Habra	632	53	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13527	La Habra	632	54	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13528	La Habra	632	55	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13529	La Habra	632	56	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13530	La Habra	632	57	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13531	La Habra	632	58	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13532	La Habra	632	59	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13533	La Habra	632	60	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13534	La Habra	632	61	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13535	La Habra	632	62	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13536	La Habra	632	63	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13537	La Habra	632	64	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13538	La Habra	632	65	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13539	La Habra	632	66	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13540	La Habra	632	67	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13541	La Habra	632	68	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13542	La Habra	632	69	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13543	La Habra	632	70	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
13544	La Habra	632	71	Canada Verde Ck	74-M			middle and late Miocene Mohnian Stage
13545	Mount Vaca	632		NE part of quad	A-8			Late Cretaceous
13546	La Habra	633	16	slides 1-5 missing	74-K			middle and late Miocene Mohnian Stage
13547	La Habra	633	17	Canada Verde Ck	74-K	see strat map		middle and late Miocene Mohnian Stage
13548	La Habra	633	18	Canada Verde Ck	74-K	loc # 598		middle and late Miocene Mohnian Stage
13549	La Habra	633	19	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13550	La Habra	633	20	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13551	La Habra	633	21	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13552	La Habra	633	22	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13553	La Habra	633	23	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13554	La Habra	633	24	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13555	La Habra	633	25	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13556	La Habra	633	26	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13557	La Habra	633	27	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13558	La Habra	633	28	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13559	La Habra	633	29	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13560	La Habra	633	30	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13561	La Habra	633	31	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13562	La Habra	633	32	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13563	La Habra	633	33	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13564	La Habra	633	34	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13565	La Habra	633	35	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13566	La Habra	633	36	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13567	La Habra	633	37	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13568	La Habra	633	38	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13569	La Habra	633	39	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13570	La Habra	633	40	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13571	La Habra	633	41	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13572	La Habra	633	42	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13573	La Habra	633	43	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13574	La Habra	633	44	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13575	La Habra	633	45	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13576	La Habra	633	46	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13577	La Habra	633	47	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13578	La Habra	633	48	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13579	La Habra	633	49	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13580	La Habra	633	50	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13581	La Habra	633	51	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13582	La Habra	633	52	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13583	La Habra	633	53	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13584	La Habra	633	54	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13585	La Habra	633	55	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13586	La Habra	633	56	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13587	La Habra	633	57	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13588	La Habra	633	58	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13589	La Habra	633	59	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13590	La Habra	633	60	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13591	La Habra	633	61	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13592	La Habra	633	62	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13593	La Habra	633	63	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13594	La Habra	633	64	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13595	La Habra	633	65	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13596	La Habra	633	66	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13597	La Habra	633	67	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13598	La Habra	633	68	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13599	La Habra	633	69	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13600	La Habra	633	70	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13601	La Habra	633	71	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13602	La Habra	633	72	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13603	La Habra	633	73	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13604	La Habra	633	74	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13605	La Habra	633	75	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13606	La Habra	633	76	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13607	La Habra	633	77	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13608	La Habra	633	78	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13609	La Habra	633	79	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13610	La Habra	633	80	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13611	La Habra	633	81	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13612	La Habra	633	82	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13613	La Habra	633	83	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13614	La Habra	633	84	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13615	La Habra	633	85	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13616	La Habra	633	86	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13617	La Habra	633	87	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
13618	La Habra	633	88	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13619	La Habra	633	89	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13620	La Habra	633	90	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13621	La Habra	633	91	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13622	La Habra	633	92	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13623	La Habra	633	93	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13624	La Habra	633	94	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13625	La Habra	633	95	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13626	La Habra	633	96	Canada Verde Ck	74-K			middle and late Miocene Mohnian Stage
13627	Mount Vaca	635		W of Putnam Peak	A-9			Eocene
13628	Mount Vaca	636		W of Oakdale Sch	A-9			Late Cretaceous E Zone
13629	Simi Valley East	639	1	Poison Oak Canyon	83-N	strat column and	NP also	Paleocene
13630	Simi Valley East	639	1A	Poison Oak Canyon	83-N	foram check list	NP also	Paleocene
13631	Simi Valley East	639	3	Poison Oak Canyon	83-N		NP also	Paleocene
13632	Simi Valley East	639	5	Poison Oak Canyon	83-N		NP also	Paleocene
13633	Simi Valley East	639	7	Poison Oak Canyon	83-N		NP also	Paleocene
13634	Simi Valley East	639	9	Poison Oak Canyon	83-N		NP also	Paleocene
13635	Simi Valley East	639	11	Poison Oak Canyon	83-N		NP also	Paleocene
13636	Simi Valley East	639	13	Poison Oak Canyon	83-N		NP also	Paleocene
13637	Simi Valley East	639	15	Poison Oak Canyon	83-N		NP also	Paleocene
13638	Simi Valley East	640	1	Poison Oak Canyon	83-N		NP also	Paleocene
13639	Simi Valley East	640	3	Poison Oak Canyon	83-N		NP also	Paleocene
13640	Simi Valley East	640	5	Poison Oak Canyon	83-N		NP also	Paleocene
13641	Simi Valley East	640	7	Poison Oak Canyon	83-N		NP also	Paleocene
13642	Simi Valley East	640	9	Poison Oak Canyon	83-N		NP also	Paleocene
13643	Simi Valley East	640	13	Poison Oak Canyon	83-N		NP also	Paleocene
13644	Simi Valley East	640	15	Poison Oak Canyon	83-N		NP also	Paleocene
13645	Simi Valley East	640	17	Poison Oak Canyon	83-N		NP also	Paleocene
13646	Simi Valley East	640	19	Poison Oak Canyon	83-N		NP also	Paleocene
13647	Simi Valley East	640	21	Poison Oak Canyon	83-N		NP also	Paleocene
13648	Simi Valley East	640	23	Poison Oak Canyon	83-N		NP also	Paleocene
13649	Simi Valley East	640	25	Poison Oak Canyon	83-N		NP also	Paleocene
13650	Simi Valley East	640	27	Poison Oak Canyon	83-N		NP also	Paleocene
13651	Simi Valley East	640	29	Poison Oak Canyon	83-N		NP also	Paleocene
13652	Simi Valley East	640	31	Poison Oak Canyon	83-N		NP also	Paleocene
13653	Simi Valley East	640	33	Poison Oak Canyon	83-N		NP also	Paleocene
13654	Simi Valley East	640	35	Poison Oak Canyon	83-N		NP also	Paleocene
13655	Simi Valley East	640	37	Poison Oak Canyon	83-N		NP also	Paleocene
13656	Simi Valley East	640	39	Poison Oak Canyon	83-N		NP also	Paleocene
13657	Simi Valley East	640	41	Poison Oak Canyon	83-N		NP also	Paleocene
13658	Simi Valley East	640	43	Poison Oak Canyon	83-N		NP also	Paleocene
13659	Simi Valley East	640	45	Poison Oak Canyon	83-N		NP also	Paleocene
13660	Simi Valley East	640	47	Poison Oak Canyon	83-N		NP also	Paleocene
13661	Simi Valley East	640	49	Poison Oak Canyon	83-N		NP also	Paleocene
13662	Simi Valley East	640	51	Poison Oak Canyon	83-N		NP also	Paleocene
13663	Simi Valley East	640	53	Poison Oak Canyon	83-N		NP also	Paleocene
13664	Simi Valley East	640	55	Poison Oak Canyon	83-N		NP also	Paleocene
13665	Simi Valley East	640	57	Poison Oak Canyon	83-N		NP also	Paleocene
13666	Simi Valley East	640	59	Poison Oak Canyon	83-N		NP also	Paleocene
13667	Simi Valley East	640	61	Poison Oak Canyon	83-N		NP also	Paleocene
13668	Simi Valley East	640	63	Poison Oak Canyon	83-N		NP also	Paleocene
13669	Simi Valley East	641	1	Poison Oak Canyon	85-G		NP also	Paleocene
13670	Simi Valley East	641	slide 3	Poison Oak Canyon	85-G		NP also	Paleocene
13671	Simi Valley East	641	5	Poison Oak Canyon	85-G		NP also	Paleocene
13672	Simi Valley East	641	7	Poison Oak Canyon	85-G		NP also	Paleocene
13673	Simi Valley East	641	9	Poison Oak Canyon	85-G		NP also	Paleocene
13674	Simi Valley East	641	11	Poison Oak Canyon	85-G		NP also	Paleocene
13675	Simi Valley East	641	31	Poison Oak Canyon	85-G		NP also	Paleocene
13676	Simi Valley East	641	33	Poison Oak Canyon	85-G		NP also	Paleocene
13677	Simi Valley East	641	35	Poison Oak Canyon	85-G		NP also	Paleocene
13678	Simi Valley East	641	41	Poison Oak Canyon	85-G		NP also	Paleocene
13679	Simi Valley East	641	45	Poison Oak Canyon	85-G		NP also	Paleocene
13680	Simi Valley East	641	49	Poison Oak Canyon	85-G		NP also	Paleocene
13681	Simi Valley East	641	53	Poison Oak Canyon	85-G		NP also	Paleocene
13682	Simi Valley East	641	57	Poison Oak Canyon	85-G		NP also	Paleocene
13683	Simi Valley East	641	61	Poison Oak Canyon	85-G		NP also	Paleocene
13684	Simi Valley East	641	65	Poison Oak Canyon	85-G		NP also	Paleocene
13685	Simi Valley East	641	69	Poison Oak Canyon	85-G		NP also	Paleocene
13686	Simi Valley East	641	73	Poison Oak Canyon	85-G		NP also	Paleocene
13687	Simi Valley East	641	75	Poison Oak Canyon	85-G		NP also	Paleocene
13688	Simi Valley East	641	77	Poison Oak Canyon	85-G		NP also	Paleocene
13689	Simi Valley East	641	79	Poison Oak Canyon	85-G		NP also	Paleocene
13690	Simi Valley East	641	81	Poison Oak Canyon	85-G		NP also	Paleocene
13691	Simi Valley East	641	83	Poison Oak Canyon	85-G		NP also	Paleocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
13692	Simi Valley East	641	85	Poison Oak Canyon	85-G		NP also	Paleocene
13693	Simi Valley East	641	87	Poison Oak Canyon	85-G		NP also	Paleocene
13694	Simi Valley East	641	89	Poison Oak Canyon	85-G		NP also	Paleocene
13695	Simi Valley East	641	91	Poison Oak Canyon	85-G		NP also	Paleocene
13696	Simi Valley East	641	93	Poison Oak Canyon	85-G		NP also	Paleocene
13697	Simi Valley East	641	95	Poison Oak Canyon	85-G		NP also	Paleocene
13698	Simi Valley East	641	97	Poison Oak Canyon	85-G		NP also	Paleocene
13699	Simi Valley East	641	99	Poison Oak Canyon	85-G		NP also	Paleocene
13700	Simi Valley East	641	101	Poison Oak Canyon	85-G		NP also	Paleocene
13701	Simi Valley East	641	103	Poison Oak Canyon	85-G		NP also	Paleocene
13702	Simi Valley East	641	105	Poison Oak Canyon	85-G		NP also	Paleocene
13703	Simi Valley East	641	107	Poison Oak Canyon	85-G		NP also	Paleocene
13704	Simi Valley East	641	109	Poison Oak Canyon	85-G		NP also	Paleocene
13705	Simi Valley East	641	111	Poison Oak Canyon	85-G		NP also	Paleocene
13706	Simi Valley East	641	113	Poison Oak Canyon	85-G		NP also	Paleocene
13707	Simi Valley East	641	115	Poison Oak Canyon	85-G		NP also	Paleocene
13708	Simi Valley East	641	117	Poison Oak Canyon	85-G		NP also	Paleocene
13709	Simi Valley East	641	119	Poison Oak Canyon	85-G		NP also	Paleocene
13710	Simi Valley East	641	121	Poison Oak Canyon	85-G		NP also	Paleocene
13711	Simi Valley East	641	123	Poison Oak Canyon	85-G		NP also	Paleocene
13712	Simi Valley East	641	125	Poison Oak Canyon	85-G		NP also	Paleocene
13713	Simi Valley East	641	127	Poison Oak Canyon	85-G		NP also	Paleocene
13714	Simi Valley East	641	129	Poison Oak Canyon	85-G		NP also	Paleocene
13715	Simi Valley East	641	131	Poison Oak Canyon	85-G		NP also	Paleocene
13716	Simi Valley East	641	133	Poison Oak Canyon	85-G		NP also	Paleocene
13717	Clayton	645		Kellogg	A-9	5/1N/1E	not on map	Eocene
13718	Oil Center	648		Oil City	A-9		Domengine	Eocene
13719	Oil Center?	649		not on map	A-9	Coalinga on slide	Domengine	Eocene
13720	Simi Valley East	649	1	SW part of quad	73-D	many dupes	age on NP	Paleocene
13721	Simi Valley East	649	2	SW part of quad	73-D	old Santa	age on NP	Paleocene
13722	Simi Valley East	649	3	SW part of quad	73-D	Susana Quad	age on NP	Paleocene
13723	Simi Valley East	649	7	SW part of quad	73-D		age on NP	early Eocene
13724	Simi Valley East	649	8	SW part of quad	73-D		age on NP	early Eocene
13725	Simi Valley East	649	9	SW part of quad	73-E		age on NP	early Eocene
13726	Simi Valley East	649	11	SW part of quad	73-E		age on NP	early Eocene
13727	Simi Valley East	649	12	SW part of quad	73-E		age on NP	Eocene
13728	Simi Valley East	649	13	SW part of quad	73-E		age on NP	early Eocene
13729	Simi Valley East	649	14	SW part of quad	73-E		age on NP	Eocene
13730	Simi Valley East	649	15	SW part of quad	73-E		age on NP	early Eocene
13731	Simi Valley East	649	16	SW part of quad	73-E		age on NP	early Eocene
13732	Simi Valley East	649	17	SW part of quad	73-E		age on NP	early Eocene
13733	Simi Valley East	649	18	SW part of quad	73-E		age on NP	early Eocene
13734	Simi Valley East	649	21	SW part of quad	73-E		age on NP	early Eocene
13735	Oil Center?	650		not on map	A-9	Oil city on slide	Meganos	early Eocene
13736	Newport Beach	651	E3	E Newport Bay	86-E		slide age	Pliocene
13737	Newport Beach	651	5	E Newport Bay	81-N		age from map	middle Miocene
13738	Newport Beach	651	11	E Newport Bay	81-N		age from map	middle Miocene
13739	Newport Beach	651	12	E Newport Bay	81-N		age from map	middle Miocene
13740	Newport Beach	651	13	E Newport Bay	81-N		age from map	middle Miocene
13741	Newport Beach	651	16	E Newport Bay	81-N		age from map	middle Miocene
13742	Newport Beach	651	17	E Newport Bay	81-N		age from map	middle Miocene
13743	Newport Beach	651	18	E Newport Bay	81-N		age from map	middle Miocene
13744	Newport Beach	651	19	E Newport Bay	81-N		age from map	middle Miocene
13745	Newport Beach	651	21	E Newport Bay	81-N		age from map	middle Miocene
13746	Newport Beach	651	22	E Newport Bay	81-N		age from map	middle Miocene
13747	Newport Beach	651	23	E Newport Bay	81-N		age from map	middle Miocene
13748	Newport Beach	651	24	E Newport Bay	81-N		age from map	middle Miocene
13749	Newport Beach	651	25	E Newport Bay	81-N		age from map	middle Miocene
13750	Newport Beach	651	26	E Newport Bay	81-N		age from map	middle Miocene
13751	Newport Beach	651	27	E Newport Bay	81-N		age from map	middle Miocene
13752	Oil Center?	651		not on map	A-9	Oil city on slide	Meganos	early Eocene
13753	La Habra	652	20	Arroyo San Miguel	76-E			middle and late Miocene Mohnian Stage
13754	La Habra	652	21	Arroyo San Miguel	76-E			middle and late Miocene Mohnian Stage
13755	La Habra	652	22	Arroyo San Miguel	76-E			middle and late Miocene Mohnian Stage
13756	La Habra	652	23	Arroyo San Miguel	76-E			middle and late Miocene Mohnian Stage
13757	La Habra	652	24	Arroyo San Miguel	76-E			middle and late Miocene Mohnian Stage
13758	La Habra	652	25	Arroyo San Miguel	76-E			middle and late Miocene Mohnian Stage
13759	La Habra	652	26	Arroyo San Miguel	76-E			middle and late Miocene upper Mohnian Stage
13760	La Habra	652	27	Arroyo San Miguel	76-E			middle and late Miocene upper Mohnian Stage
13761	La Habra	652	28	Arroyo San Miguel	76-E			middle and late Miocene upper Mohnian Stage
13762	La Habra	652	29	Arroyo San Miguel	76-E			middle and late Miocene upper Mohnian Stage
13763	La Habra	652	30	Arroyo San Miguel	76-E			middle and late Miocene upper Mohnian Stage
13764	La Habra	652	31	Arroyo San Miguel	76-E			middle and late Miocene upper Mohnian Stage
13765	La Habra	652	34	Arroyo San Miguel	76-E			middle and late Miocene upper Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
13766	La Habra	652	35	Arroyo San Miguel	76-E			middle and late Miocene upper Mohnian Stage
13767	La Habra	652	36	Arroyo San Miguel	76-E			middle and late Miocene upper Mohnian Stage
13768	La Habra	652	37	Arroyo San Miguel	76-F			middle and late Miocene upper Mohnian Stage
13769	La Habra	652	38	Arroyo San Miguel	76-F			middle and late Miocene upper Mohnian Stage
13770	La Habra	652	39	Arroyo San Miguel	76-F			middle and late Miocene upper Mohnian Stage
13771	La Habra	652	40	Arroyo San Miguel	76-F			middle and late Miocene upper Mohnian Stage
13772	La Habra	652	41	Arroyo San Miguel	76-F			middle and late Miocene upper Mohnian Stage
13773	La Habra	652	42	Arroyo San Miguel	76-F			middle and late Miocene upper Mohnian Stage
13774	La Habra	652	46	Arroyo San Miguel	76-F			middle and late Miocene upper Mohnian Stage
13775	La Habra	652	47	Arroyo San Miguel	76-F			middle and late Miocene upper Mohnian Stage
13776	La Habra	652	48	Arroyo San Miguel	76-F			middle and late Miocene upper Mohnian Stage
13777	La Habra	652	49	Arroyo San Miguel	76-F			middle and late Miocene upper Mohnian Stage
13778	La Habra	652	50	Arroyo San Miguel	76-F			middle and late Miocene upper Mohnian Stage
13779	La Habra	652	73	Arroyo San Miguel	76-F			middle and late Miocene upper Mohnian Stage
13780	La Habra	652	77	Arroyo San Miguel	76-F			Pliocene
13781	La Habra	652	78	Arroyo San Miguel	76-F			Pliocene
13782	La Habra	652	79	Arroyo San Miguel	76-F			Pliocene
13783	La Habra	652	80	Arroyo San Miguel	76-F			Pliocene
13784	La Habra	652	81	Arroyo San Miguel	76-F			Pliocene
13785	La Habra	652	82	Arroyo San Miguel	76-F			Pliocene
13786	La Habra	652	83	Arroyo San Miguel	76-F			Pliocene
13787	La Habra	652	84	Arroyo San Miguel	76-F			Pliocene
13788	La Habra	652	85	Arroyo San Miguel	76-F			Pliocene
13789	La Habra	652	86	Arroyo San Miguel	76-F			Pliocene
13790	La Habra	652	87	Arroyo San Miguel	76-F			Pliocene
13791	La Habra	652	88	Arroyo San Miguel	76-F			Pliocene
13792	La Habra	652	89	Arroyo San Miguel	76-F			Pliocene
13793	La Habra	652	90	Arroyo San Miguel	76-F			Pliocene
13794	La Habra	652	91	Arroyo San Miguel	76-F			Pliocene
13795	La Habra	652	92	Arroyo San Miguel	76-F			Pliocene
13796	La Habra	652	93	Arroyo San Miguel	76-F			Pliocene
13797	La Habra	652	97	Arroyo San Miguel	76-G			Pliocene
13798	La Habra	652	98	Arroyo San Miguel	76-G			Pliocene
13799	La Habra	652	99	Arroyo San Miguel	76-G			Pliocene
13800	La Habra	652	100	Arroyo San Miguel	76-G			Pliocene
13801	La Habra	652	101	Arroyo San Miguel	76-G			Pliocene
13802	La Habra	652	102	Arroyo San Miguel	76-G			Pliocene
13803	La Habra	652	103	Arroyo San Miguel	76-G			Pliocene
13804	La Habra	652	104	Arroyo San Miguel	76-G			Pliocene
13805	La Habra	652	106	Arroyo San Miguel	76-G			Pliocene
13806	La Habra	652	107	Arroyo San Miguel	76-G			Pliocene
13807	La Habra	652	108	Arroyo San Miguel	76-G			Pliocene
13808	La Habra	652	109	Arroyo San Miguel	76-G			Pliocene
13809	La Habra	652	110	Arroyo San Miguel	76-G			Pliocene
13810	La Habra	652	111	Arroyo San Miguel	76-G			Pliocene
13811	La Habra	652	112	Arroyo San Miguel	76-G			Pliocene
13812	La Habra	652	113	Arroyo San Miguel	76-G			Pliocene
13813	La Habra	652	114	Arroyo San Miguel	76-G			Pliocene
13814	La Habra	652	115	Arroyo San Miguel	76-G			Pliocene
13815	La Habra	652	116	Arroyo San Miguel	76-G			Pliocene
13816	La Habra	652	117	Arroyo San Miguel	76-G			Pliocene
13817	La Habra	652	118	Arroyo San Miguel	76-G			Pliocene
13818	La Habra	652	119	Arroyo San Miguel	76-G			Pliocene
13819	La Habra	652	120	Arroyo San Miguel	76-G			Pliocene
13820	La Habra	652	121	Arroyo San Miguel	76-G			Pliocene
13821	La Habra	652	122	Arroyo San Miguel	76-G			Pliocene
13822	La Habra	652	123	Arroyo San Miguel	76-G			Pliocene
13823	La Habra	652	124	Arroyo San Miguel	76-G			Pliocene
13824	La Habra	652	125	Arroyo San Miguel	76-G			Pliocene
13825	Whittier	652	157	Arroyo San Miguel	76-G			Pliocene
13826	Whittier	652	158	Arroyo San Miguel	76-G			Pliocene
13827	Whittier	652	159	Arroyo San Miguel	76-G			Pliocene
13828	Whittier	652	160	Arroyo San Miguel	76-H			Pliocene
13829	Whittier	652	162	Arroyo San Miguel	76-H			Pliocene
13830	Whittier	652	163	Arroyo San Miguel	76-H			Pliocene
13831	Whittier	652	164	Arroyo San Miguel	76-H			Pliocene
13832	Whittier	652	166	Arroyo San Miguel	76-H			Pliocene
13833	Whittier	652	167	Arroyo San Miguel	76-H			Pliocene
13834	Whittier	652	168	Arroyo San Miguel	76-H			Pliocene
13835	Whittier	652	170	Arroyo San Miguel	76-H			Pliocene
13836	Whittier	652	171	Arroyo San Miguel	76-H			Pliocene
13837	Whittier	652	172	Arroyo San Miguel	76-H			Pliocene
13838	Whittier	652	173	Arroyo San Miguel	76-H			Pliocene
13839	Whittier	652	174	Arroyo San Miguel	76-H			Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
13840	Whittier	652	175	Arroyo San Miguel	76-H			Pliocene
13841	Laguna Beach	654	50	Coyote Canyon	73-F	Strat column and		early Miocene Saucesian Stage
13842	Laguna Beach	654	51	Coyote Canyon	73-F	check list		early Miocene Saucesian Stage
13843	Laguna Beach	654	53	Coyote Canyon	73-F			early Miocene Saucesian Stage
13844	Laguna Beach	654	54	Coyote Canyon	73-F			early Miocene Saucesian Stage
13845	Laguna Beach	654	56	Coyote Canyon	73-F			early Miocene Saucesian Stage
13846	Laguna Beach	654	58	Coyote Canyon	73-F			Oligocene Zemorrian Stage
13847	Laguna Beach	654	59	Coyote Canyon	73-F			Oligocene Zemorrian Stage
13848	Laguna Beach	654	60	Coyote Canyon	73-F			Oligocene Zemorrian Stage
13849	Laguna Beach	654	67	Coyote Canyon	73-F			Oligocene Zemorrian Stage
13850	Laguna Beach	654	68	Coyote Canyon	73-F			Oligocene Zemorrian Stage
13851	Laguna Beach	654	71	Coyote Canyon	73-F			Oligocene Zemorrian Stage
13852	Laguna Beach	654	82	Coyote Canyon	73-F			early Miocene Saucesian Stage
13853	Laguna Beach	654	89	Coyote Canyon	73-F			early Miocene Saucesian Stage
13854	Laguna Beach	654	97	Coyote Canyon	73-F			early Miocene Saucesian Stage
13855	Laguna Beach	654	99	Coyote Canyon	73-L			early Miocene Saucesian Stage
13856	Laguna Beach	654	106	Coyote Canyon	73-F			early Miocene Saucesian Stage
13857	Laguna Beach	654	108	Coyote Canyon	73-F			early Miocene Saucesian Stage
13858	Laguna Beach	654	109	Coyote Canyon	73-F			early Miocene Saucesian Stage
13859	Laguna Beach	654	110	Coyote Canyon	73-F			early Miocene Saucesian Stage
13860	Laguna Beach	654	111	Coyote Canyon	73-F			early Miocene Saucesian Stage
13861	Laguna Beach	654	112	Coyote Canyon	73-F			early Miocene Saucesian Stage
13862	Laguna Beach	654	113	Coyote Canyon	73-F			early Miocene Saucesian Stage
13863	Laguna Beach	654	115	Coyote Canyon	73-F			early Miocene Saucesian Stage
13864	Laguna Beach	654	116	Coyote Canyon	73-F			early Miocene Saucesian Stage
13865	Laguna Beach	654	117	Coyote Canyon	73-F			early Miocene Saucesian Stage
13866	Laguna Beach	654	119	Coyote Canyon	73-F			early Miocene Saucesian Stage
13867	Tustin	654	6	Bonita Creek	73-F	Strat column and		middle Miocene
13868	Tustin	654	27	Bonita Creek	73-F	foram check list		early Miocene Saucesian Stage
13869	Tustin	654	33	Bonita Creek	73-F			early Miocene Saucesian Stage
13870	Tustin	654	34	Bonita Creek	73-F			early Miocene Saucesian Stage
13871	Tustin	654	43	Coyote Canyon	73-F			early Miocene Saucesian Stage
13872	Tustin	654	45A	Coyote Canyon	73-F			early Miocene Saucesian Stage
13873	Tustin	654	47	Coyote Canyon	73-F			early Miocene Saucesian Stage
13874	Tustin	654	48	Coyote Canyon	73-F			early Miocene Saucesian Stage
13875	Tustin	654	49	Coyote Canyon	73-F			early Miocene Saucesian Stage
13876	Laguna Beach	655	3	Signal Peak	73-C	Strat column and		middle Miocene
13877	Laguna Beach	655	4	Signal Peak	73-C	check list		middle Miocene
13878	Laguna Beach	655	6	Signal Peak	73-C			middle Miocene
13879	Laguna Beach	655	8	Signal Peak	73-C			middle Miocene
13880	Laguna Beach	655	9	Signal Peak	73-C			middle Miocene
13881	Laguna Beach	655	11	Signal Peak	73-C			middle Miocene
13882	Laguna Beach	655	19A	Signal Peak	73-C			middle Miocene
13883	Laguna Beach	655	21	Signal Peak	73-C			middle Miocene
13884	Laguna Beach	656	15	Moro Canyon	228-C	strat column	geologic map	middle Miocene
13885	Laguna Beach	656	15RW	Moro Canyon	228-C			middle Miocene
13886	Antioch South	657		WC part of quad	E-9	15/1N/1E	Martinez	late Paleocene E Zone
13887	Tustin	658	1	SC part of quad	no slide		strat column	Eocene
13888	Tustin	658	2	SC part of quad	no slide		strat column	Eocene
13889	Tustin	658	3	SC part of quad	no slide		strat column	Eocene
13890	Tustin	658	4	SC part of quad	no slide		strat column	Paleocene
13891	Tustin	658	5	SC part of quad	no slide		strat column	Paleocene
13892	Tustin	658	6	SC part of quad	no slide		strat column	Paleocene
13893	Tustin	658	7	SC part of quad	no slide		strat column	Paleocene
13894	Tustin	658	8	SC part of quad	no slide		strat column	Paleocene
13895	Tustin	658	9	SC part of quad	no slide		strat column	Paleocene
13896	Tustin	658	10	SC part of quad	no slide		strat column	Paleocene
13897	Tustin	658	11	SC part of quad	no slide		strat column	Paleocene
13898	Tustin	658	12	SC part of quad	no slide		strat column	Paleocene
13899	Tustin	658	13	SC part of quad	no slide		strat column	Paleocene
13900	Tustin	658	14	SC part of quad	no slide		strat column	Paleocene
13901	Tustin	658	15	SC part of quad	no slide		strat column	Paleocene
13902	Tustin	658	16	SC part of quad	no slide		strat column	Paleocene
13903	Tustin	658	17	SC part of quad	no slide		strat column	Paleocene
13904	Tustin	658	18	SC part of quad	no slide		strat column	Paleocene
13905	Tustin	658	19	SC part of quad	no slide		strat column	Paleocene
13906	Tustin	658	20	SC part of quad	no slide		strat column	Paleocene
13907	Tustin	658	21	SC part of quad	no slide		strat column	Paleocene
13908	Tustin	659	2	SC part of quad	no slide		strat column	Eocene
13909	Tustin	659	3	SC part of quad	no slide		strat column	Eocene
13910	Tustin	659	4	SC part of quad	no slide		strat column	Eocene
13911	Tustin	659	5	SC part of quad	no slide		strat column	Eocene
13912	Tustin	659	6	SC part of quad	no slide		strat column	early Miocene nonmarine
13913	Tustin	659	7	SC part of quad	no slide		strat column	early Miocene nonmarine

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
13914	Tustin	659	8	SC part of quad	no slide		strat column	early Miocene nonmarine
13915	Tustin	659	9	SC part of quad	no slide		strat column	early Miocene nonmarine
13916	Tustin	659	10	SC part of quad	no slide		strat column	early Miocene nonmarine
13917	Tustin	659	11	SC part of quad	no slide		strat column	early Miocene nonmarine
13918	San Juan Capistrano	660	17	NW part of quad		Leisure World	strat column	Oligocene or early Miocene
13919	San Juan Capistrano	660	18	NW part of quad		Leisure World	strat column	Oligocene or early Miocene
13920	San Juan Capistrano	660	19	NW part of quad		Leisure World	strat column	Oligocene or early Miocene
13921	San Juan Capistrano	660	20	NW part of quad		Leisure World	strat column	Oligocene or early Miocene
13922	San Juan Capistrano	660	21	NW part of quad		Leisure World	strat column	Oligocene or early Miocene
13923	San Juan Capistrano	660	22	NW part of quad		Leisure World	strat column	Oligocene or early Miocene
13924	San Juan Capistrano	660	23	NW part of quad		Leisure World	strat column	Oligocene or early Miocene
13925	San Juan Capistrano	660	24	NW part of quad		Leisure World	strat column	Oligocene or early Miocene
13926	San Juan Capistrano	660	25	NW part of quad		Leisure World	strat column	Oligocene or early Miocene
13927	San Juan Capistrano	660	26	NW part of quad		Leisure World	strat column	Oligocene or early Miocene
13928	San Juan Capistrano	660	27	NW part of quad		Leisure World	strat column	Oligocene or early Miocene
13929	San Juan Capistrano	660	28	NW part of quad		Leisure World	strat column	Oligocene or early Miocene
13930	San Juan Capistrano	660	29	NW part of quad		Leisure World	strat column	Oligocene or early Miocene
13931	San Juan Capistrano	660	30	NW part of quad		Leisure World	strat column	Oligocene or early Miocene
13932	San Juan Capistrano	660	31	NW part of quad		Leisure World	strat column	Oligocene or early Miocene
13933	San Juan Capistrano	660	32	NW part of quad		Leisure World	strat column	Oligocene or early Miocene
13934	San Juan Capistrano	660	33	NW part of quad		Leisure World	strat column	Oligocene or early Miocene
13935	San Juan Capistrano	660	34	NW part of quad		Leisure World	strat column	middle or late Miocene
13936	San Juan Capistrano	660	35	NW part of quad		Leisure World	strat column	middle or late Miocene
13937	San Juan Capistrano	660	36	NW part of quad		Leisure World	strat column	middle or late Miocene
13938	San Juan Capistrano	660	37	NW part of quad		Leisure World	strat column	middle or late Miocene
13939	San Juan Capistrano	660	38	NW part of quad		Leisure World	strat column	middle or late Miocene
13940	San Juan Capistrano	660	39	NW part of quad		Leisure World	strat column	middle or late Miocene
13941	San Juan Capistrano	660	40	NW part of quad		Leisure World	strat column	middle or late Miocene
13942	San Juan Capistrano	660	41	NW part of quad		Leisure World	strat column	middle or late Miocene
13943	San Juan Capistrano	660	42	NW part of quad		Leisure World	strat column	middle or late Miocene
13944	San Juan Capistrano	660	43	NW part of quad		Leisure World	strat column	middle or late Miocene
13945	San Juan Capistrano	660	44	NW part of quad		Leisure World	strat column	middle or late Miocene
13946	Tustin	661	31	Laguna Road	no slide		strat column	early Miocene
13947	El Toro	662	64	Williams Canyon	no slide		strat column	Cretaceous and Tertiary
13948	Black Star Canyon	663	46	N of Irvine park	no slide		strat column	Paleocene, Eocene, and early Miocene
13949	Black Star Canyon	664	32	Fremont Canyon	no slide		strat column	Late Cretaceous
13950	Black Star Canyon	665	39	Irvine Lake area	no slide		strat column	Paleocene, Eocene, and Miocene
13951	San Dimas	669	1	East Covina	76-N			middle and late Miocene Mohnian Stage
13952	San Dimas	669	2	East Covina	76-N			middle and late Miocene Mohnian Stage
13953	San Dimas	669	3	East Covina	76-N			middle and late Miocene Mohnian Stage
13954	San Dimas	669	4	East Covina	76-N			middle and late Miocene Mohnian Stage
13955	San Dimas	669	5	East Covina	76-N			middle and late Miocene Mohnian Stage
13956	San Dimas	669	6	East Covina	76-N			middle and late Miocene Mohnian Stage
13957	San Dimas	669	7	East Covina	76-N			middle and late Miocene Mohnian Stage
13958	San Dimas	669	8	East Covina	76-N			middle and late Miocene Mohnian Stage
13959	San Dimas	669	9	East Covina	76-N			middle and late Miocene Mohnian Stage
13960	San Dimas	669	10	East Covina	76-N			middle and late Miocene Mohnian Stage
13961	San Dimas	669	11	East Covina	76-N			middle and late Miocene Mohnian Stage
13962	San Dimas	669	12	East Covina	76-N			middle and late Miocene Mohnian Stage
13963	San Dimas	669	13	East Covina	76-N			middle and late Miocene Mohnian Stage
13964	San Dimas	669	14	East Covina	76-N			middle and late Miocene Mohnian Stage
13965	San Dimas	669	15	East Covina	76-N			middle and late Miocene Mohnian Stage
13966	San Dimas	669	16	East Covina	76-N			middle and late Miocene Mohnian Stage
13967	San Dimas	669	17	East Covina	76-N			middle and late Miocene Mohnian Stage
13968	San Dimas	669	18	East Covina	76-N			middle and late Miocene Mohnian Stage
13969	San Dimas	669	19	East Covina	76-N			middle and late Miocene Mohnian Stage
13970	San Dimas	669	20	East Covina	76-N			middle and late Miocene Mohnian Stage
13971	San Dimas	669	21	East Covina	76-N			middle and late Miocene Mohnian Stage
13972	San Dimas	669	22	East Covina	76-N			middle and late Miocene Mohnian Stage
13973	San Dimas	669	23	East Covina	76-N			middle and late Miocene Mohnian Stage
13974	San Dimas	669	24	East Covina	76-N			middle and late Miocene Mohnian Stage
13975	San Dimas	669	25	East Covina	76-N			middle and late Miocene Mohnian Stage
13976	San Dimas	669	26	East Covina	76-N			middle and late Miocene Mohnian Stage
13977	San Dimas	669	27	East Covina	76-N			middle and late Miocene Mohnian Stage
13978	San Dimas	669	28	East Covina	76-N			middle and late Miocene Mohnian Stage
13979	San Dimas	669	29	East Covina	76-N			middle and late Miocene Mohnian Stage
13980	San Dimas	669	30	East Covina	76-N			middle and late Miocene Mohnian Stage
13981	San Dimas	669	31	East Covina	76-N			middle and late Miocene Mohnian Stage
13982	San Dimas	669	32	East Covina	76-N			middle and late Miocene Mohnian Stage
13983	San Dimas	669	33	East Covina	76-N			middle and late Miocene Mohnian Stage
13984	San Dimas	669	34	East Covina	76-N			middle and late Miocene Mohnian Stage
13985	San Dimas	669	35	East Covina	76-N			middle and late Miocene Mohnian Stage
13986	San Dimas	669	36	East Covina	76-N			middle and late Miocene Mohnian Stage
13987	San Dimas	669	37	East Covina	76-N			middle and late Miocene Mohnian Stage

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13988	San Dimas	669	38	East Covina	76-N			middle and late Miocene Mohnian Stage
13989	San Dimas	669	39	East Covina	76-N			middle and late Miocene Mohnian Stage
13990	San Dimas	669	40	East Covina	76-N			middle and late Miocene Mohnian Stage
13991	Glendora	671	1	SW part of quad	77-C	South Hills	strat column	middle Miocene Luisian Stage
13992	Glendora	671	2	SW part of quad	77-C			middle Miocene Luisian Stage
13993	Glendora	671	3	SW part of quad	77-C			middle Miocene Luisian Stage
13994	Glendora	671	4	SW part of quad	77-C			middle Miocene Luisian Stage
13995	Glendora	671	5	SW part of quad	77-C			middle Miocene Luisian Stage
13996	Glendora	671	6	SW part of quad	77-C			middle Miocene Luisian Stage
13997	Los Angeles	672	14	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
13998	Los Angeles	672	18	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
13999	Los Angeles	672	21	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14000	Los Angeles	672	22	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14001	Los Angeles	672	25	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14002	Los Angeles	672	26	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14003	Los Angeles	672	27	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14004	Los Angeles	672	28	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14005	Los Angeles	672	30	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14006	Los Angeles	672	31	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14007	Los Angeles	672	32	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14008	Los Angeles	672	33	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14009	Los Angeles	672	35	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14010	Los Angeles	672	37	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14011	Los Angeles	672	38	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14012	Los Angeles	672	39	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14013	Los Angeles	672	41	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14014	Los Angeles	672	42	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14015	Los Angeles	672	43	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14016	Los Angeles	672	45	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14017	Los Angeles	672	48	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14018	Los Angeles	672	49	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14019	Los Angeles	672	50	Newtonia Ave	75-J	strat column		middle and late Miocene lower Mohnian Stage
14020	Beegum	673	65	Dry Creek	148-J			Early Cretaceous arenaceous foraminifers
14021	Beegum	673	66	Dry Creek	148-J			Early Cretaceous arenaceous foraminifers
14022	Beegum	673	66A	Dry Creek	148-J			Early Cretaceous arenaceous foraminifers
14023	Beegum	673	67	Dry Creek	148-J			Early Cretaceous arenaceous foraminifers
14024	Beegum	673	68	Dry Creek	148-J			Early Cretaceous arenaceous foraminifers
14025	Beegum	673	70	Dry Creek	148-J			Early Cretaceous arenaceous foraminifers
14026	Beegum	673	71	Dry Creek	148-J			Early Cretaceous arenaceous foraminifers
14027	Beegum	673	72	Dry Creek	148-J			Early Cretaceous arenaceous foraminifers
14028	Beegum	673	73	Dry Creek	148-J			Early Cretaceous arenaceous foraminifers
14029	Beegum	673	75	Dry Creek	148-J			Early Cretaceous L Zone
14030	Beegum	673	77	Dry Creek	148-J			Early Cretaceous L Zone
14031	Beegum	673	78	Dry Creek	148-J			Early Cretaceous L Zone
14032	Beegum	673	79	Dry Creek	148-J			Early Cretaceous L Zone
14033	Beegum	673	80	Dry Creek	148-J			Early Cretaceous L Zone
14034	Beegum	673	81	Dry Creek	148-J			Early Cretaceous L Zone
14035	Beegum	673	83	Dry Creek	148-J			Early Cretaceous L Zone
14036	Beegum	673	86	Dry Creek	148-J			Early Cretaceous L Zone
14037	Beegum	673	87	Dry Creek	148-J			Early Cretaceous L Zone
14038	Beegum	673	89	Dry Creek	148-J			Early Cretaceous L Zone
14039	Beegum	673	90	Dry Creek	148-J			Early Cretaceous L Zone
14040	Beegum	673	91	Dry Creek	148-J			Early Cretaceous L Zone
14041	Beegum	673	92	Dry Creek	148-J			Early Cretaceous L Zone
14042	Beegum	673	93	Dry Creek	148-J			Early Cretaceous L Zone
14043	Beegum	673	95	Dry Creek	148-J			Early Cretaceous L Zone
14044	Beegum	673	98	Dry Creek	148-J			Early Cretaceous L Zone
14045	Beegum	673	99	Dry Creek	148-J			Early Cretaceous L Zone
14046	Beegum	673	100	Dry Creek	148-J			Early Cretaceous L Zone
14047	Beegum	673	101	Dry Creek	148-J			Early Cretaceous L Zone
14048	Beegum	673	102	Dry Creek	148-J			Early Cretaceous L Zone
14049	Beegum	673	104	Dry Creek	148-J			Early Cretaceous L Zone
14050	Beegum	673	105	Dry Creek	148-J			Early Cretaceous L Zone
14051	Beegum	673	110	Dry Creek	148-J			Early Cretaceous L Zone
14052	Beegum	673	111	Dry Creek	148-J			Early Cretaceous L Zone
14053	Beegum	673	113	Dry Creek	148-J			Early Cretaceous L Zone
14054	Beegum	673	120	Dry Creek	148-J			Early Cretaceous L Zone
14055	Beegum	673	121	Dry Creek	148-J			Early Cretaceous L Zone
14056	Beegum	673	122	Dry Creek	148-J			Early Cretaceous L Zone
14057	Beegum	673	126	Dry Creek	148-J			Early Cretaceous L Zone
14058	Beegum	673	127	Dry Creek	148-J			Early Cretaceous L Zone
14059	Beegum	673	128	Dry Creek	148-J			Early Cretaceous L Zone
14060	Beegum	673	130	Dry Creek	148-J			Early Cretaceous L Zone
14061	Beegum	673	133	Dry Creek	148-J			Early Cretaceous L Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
14062	Beegum	673	134	Dry Creek	148-J			Early Cretaceous L Zone
14063	Beegum	673	135	Dry Creek	148-J			Early Cretaceous L Zone
14064	Beegum	673	136	Dry Creek	148-J			Early Cretaceous L Zone
14065	Beegum	673	137	Dry Creek	148-J			Early Cretaceous L Zone
14066	Beegum	673	143	Dry Creek	148-J			Early Cretaceous L Zone
14067	Beegum	673	144	Dry Creek	148-J			Early Cretaceous L Zone
14068	Beegum	673	146	Dry Creek	148-J			Late Jurassic M Zone
14069	Beegum	673	147	Dry Creek	148-J			Late Jurassic M Zone
14070	Beegum	673	149	Dry Creek	148-K			Late Jurassic M Zone
14071	Chickabally Mtn West	673	1	Dry Creek	148-I	see lot 239		Early Cretaceous arenaceous foraminifers
14072	Chickabally Mtn West	673	2	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14073	Chickabally Mtn West	673	3	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14074	Chickabally Mtn West	673	4	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14075	Chickabally Mtn West	673	5	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14076	Chickabally Mtn West	673	6	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14077	Chickabally Mtn West	673	7	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14078	Chickabally Mtn West	673	8	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14079	Chickabally Mtn West	673	9	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14080	Chickabally Mtn West	673	10	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14081	Chickabally Mtn West	673	11	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14082	Chickabally Mtn West	673	12	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14083	Chickabally Mtn West	673	13	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14084	Chickabally Mtn West	673	15	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14085	Chickabally Mtn West	673	16	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14086	Chickabally Mtn West	673	17	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14087	Chickabally Mtn West	673	18	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14088	Chickabally Mtn West	673	19	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14089	Chickabally Mtn West	673	21	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14090	Chickabally Mtn West	673	22	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14091	Chickabally Mtn West	673	23	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14092	Chickabally Mtn West	673	24	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14093	Chickabally Mtn West	673	25	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14094	Chickabally Mtn West	673	26	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14095	Chickabally Mtn West	673	27	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14096	Chickabally Mtn West	673	28	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14097	Chickabally Mtn West	673	29	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14098	Chickabally Mtn West	673	30	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14099	Chickabally Mtn West	673	31	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14100	Chickabally Mtn West	673	32	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14101	Chickabally Mtn West	673	36	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14102	Chickabally Mtn West	673	37	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14103	Chickabally Mtn West	673	38	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14104	Chickabally Mtn West	673	39	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14105	Chickabally Mtn West	673	40	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14106	Chickabally Mtn West	673	41	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14107	Chickabally Mtn West	673	43	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14108	Chickabally Mtn West	673	44	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14109	Chickabally Mtn West	673	46	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14110	Chickabally Mtn West	673	47	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14111	Chickabally Mtn West	673	48	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14112	Chickabally Mtn West	673	49	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14113	Chickabally Mtn West	673	50	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14114	Chickabally Mtn West	673	51	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14115	Chickabally Mtn West	673	52	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14116	Chickabally Mtn West	673	53	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14117	Chickabally Mtn West	673	54	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14118	Chickabally Mtn West	673	58	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14119	Chickabally Mtn West	673	59	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14120	Chickabally Mtn West	673	60	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14121	Chickabally Mtn West	673	61	Dry Creek	148-I			Early Cretaceous arenaceous foraminifers
14122	Chickabally Mtn West	673	62	Dry Creek	148-J			Early Cretaceous arenaceous foraminifers
14123	Chickabally Mtn West	673	63	Dry Creek	148-J			Early Cretaceous arenaceous foraminifers
14124	Chickabally Mtn West	673	64	Dry Creek	148-J			Early Cretaceous arenaceous foraminifers
14125	Newville	674	1	Stony Creek	149-H	Paskenta 15'	strat column	Late Jurassic M Zone
14126	Newville	674	2	Stony Creek	149-H	Paskenta 15'	and foram	Late Jurassic M Zone
14127	Newville	674	3	Stony Creek	149-H	Paskenta 15'	check list	Late Jurassic M Zone
14128	Newville	674	4	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14129	Newville	674	5	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14130	Newville	674	6	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14131	Newville	674	7	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14132	Newville	674	8	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14133	Newville	674	9	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14134	Newville	674	10	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14135	Newville	674	11	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
14136	Newville	674	12	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14137	Newville	674	13	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14138	Newville	674	14	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14139	Newville	674	15	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14140	Newville	674	16	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14141	Newville	674	17	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14142	Newville	674	18	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14143	Newville	674	19	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14144	Newville	674	20	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14145	Newville	674	21	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14146	Newville	674	22	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14147	Newville	674	23	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14148	Newville	674	24	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14149	Newville	674	25	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14150	Newville	674	26	Stony Creek	149-H	Paskenta 15'	strat column	Late Jurassic M Zone
14151	Newville	674	27	Stony Creek	149-H	Paskenta 15'	and check list	Late Jurassic M Zone
14152	Newville	674	28	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14153	Newville	674	29	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14154	Newville	674	30	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14155	Newville	674	31	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14156	Newville	674	32	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14157	Newville	674	33	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14158	Newville	674	34	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14159	Newville	674	35	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14160	Newville	674	36	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14161	Newville	674	37	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14162	Newville	674	38	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14163	Newville	674	39	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14164	Newville	674	40	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14165	Newville	674	41	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14166	Newville	674	42	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14167	Newville	674	43	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14168	Newville	674	44	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14169	Newville	674	45	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14170	Newville	674	46	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14171	Newville	674	47	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14172	Newville	674	48	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14173	Newville	674	49	Stony Creek	149-H	Paskenta 15'		Late Jurassic M Zone
14174	Newville	674	50	Stony Creek	149-H	Paskenta 15'		Early Cretaceous L Zone
14175	Newville	674	52	Stony Creek	149-H	Paskenta 15'		Early Cretaceous L Zone
14176	Newville	674	53	Stony Creek	149-H	Paskenta 15'		Early Cretaceous L Zone
14177	Newville	674	54	Stony Creek	149-H	Paskenta 15'		Early Cretaceous L Zone
14178	Newville	674	55	Stony Creek	149-H	Paskenta 15'		Early Cretaceous L Zone
14179	Newville	674	56	Stony Creek	149-H	Paskenta 15'		Early Cretaceous L Zone
14180	Newville	674	60	Stony Creek	149-I	Paskenta 15'		Early Cretaceous L Zone
14181	Newville	674	61	Stony Creek	149-I	Paskenta 15'		Early Cretaceous L Zone
14182	Newville	674	62	Stony Creek	149-I	Paskenta 15'		Early Cretaceous L Zone
14183	Newville	674	63	Stony Creek	149-I	Paskenta 15'		Early Cretaceous L Zone
14184	Newville	674	64	Stony Creek	149-I	Paskenta 15'		Early Cretaceous L Zone
14185	Newville	674	65	Stony Creek	149-I	Paskenta 15'		Early Cretaceous L Zone
14186	Newville	674	66	Stony Creek	149-I	Paskenta 15'		Early Cretaceous L Zone
14187	Newville	674	67	Stony Creek	149-I	Paskenta 15'		Early Cretaceous L Zone
14188	Newville	674	68	Stony Creek	149-I	Paskenta 15'		Early Cretaceous L Zone
14189	Newville	674	69	Stony Creek	149-I	Paskenta 15'		Early Cretaceous L Zone
14190	Newville	674	70	Stony Creek	149-I	Paskenta 15'		Early Cretaceous L Zone
14191	Newville	674	71	Stony Creek	149-I	Paskenta 15'		Early Cretaceous L Zone
14192	Newville	674	72	Stony Creek	149-I	Paskenta 15'		Early Cretaceous L Zone
14193	Newville	674	73	Stony Creek	149-I	Paskenta 15'		Early Cretaceous L Zone
14194	Newville	674	74	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone
14195	Newville	674	75	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone
14196	Newville	674	76	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone
14197	Newville	674	77	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone
14198	Newville	674	78	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone
14199	Newville	674	79	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone
14200	Newville	674	80	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone
14201	Newville	674	81	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone
14202	Newville	674	82	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone
14203	Newville	674	83	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone
14204	Newville	674	84	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone
14205	Newville	674	85	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone
14206	Newville	674	86	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone
14207	Newville	674	87	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone
14208	Newville	674	88	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone
14209	Newville	674	89	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
14210	Newville	674	90	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone
14211	Newville	674	91	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone
14212	Newville	674	92	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone
14213	Newville	674	93	Stony Creek	149-I	Paskenta 15'		Early Cretaceous K Zone
14214	Newville	674	94	Stony Creek	149-I	Paskenta 15'		Early Cretaceous J-2 Zone
14215	Sehorn Creek	674	95	Stony Creek	149-I	Flournoy 15'	strat column	Early Cretaceous J-2 Zone
14216	Sehorn Creek	674	96	Stony Creek	149-I	Flournoy 15'	and foram	Early Cretaceous J-2 Zone
14217	Sehorn Creek	674	97	Stony Creek	149-I	Flournoy 15'	check list	Early Cretaceous J-2 Zone
14218	Sehorn Creek	674	98	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14219	Sehorn Creek	674	99	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14220	Sehorn Creek	674	100	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14221	Sehorn Creek	674	101	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14222	Sehorn Creek	674	102	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14223	Sehorn Creek	674	103	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14224	Sehorn Creek	674	104	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14225	Sehorn Creek	674	106	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14226	Sehorn Creek	674	108	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14227	Sehorn Creek	674	109	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14228	Sehorn Creek	674	110	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14229	Sehorn Creek	674	111	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14230	Sehorn Creek	674	112	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14231	Sehorn Creek	674	113	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14232	Sehorn Creek	674	114	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14233	Sehorn Creek	674	115	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14234	Sehorn Creek	674	116	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14235	Sehorn Creek	674	117	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14236	Sehorn Creek	674	118	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14237	Sehorn Creek	674	119	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14238	Sehorn Creek	674	110	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14239	Sehorn Creek	674	111	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14240	Sehorn Creek	674	112	Stony Creek	149-I	Flournoy 15'		Early Cretaceous J-2 Zone
14241	Sehorn Creek	674	113	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-2 Zone
14242	Sehorn Creek	674	114	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-2 Zone
14243	Sehorn Creek	674	115	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-2 Zone
14244	Sehorn Creek	674	116	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-2 Zone
14245	Sehorn Creek	674	117	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-2 Zone
14246	Sehorn Creek	674	118	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-2 Zone
14247	Sehorn Creek	674	119	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-2 Zone
14248	Sehorn Creek	674	120	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-2 Zone
14249	Sehorn Creek	674	121	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-2 Zone
14250	Sehorn Creek	674	122	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-2 Zone
14251	Sehorn Creek	674	123	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-2 Zone
14252	Sehorn Creek	674	124	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-2 Zone
14253	Sehorn Creek	674	125	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-2 Zone
14254	Sehorn Creek	674	126	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-2 Zone
14255	Sehorn Creek	674	128	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-2 Zone
14256	Sehorn Creek	674	129	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-2 Zone
14257	Sehorn Creek	674	130	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-1 Zone
14258	Sehorn Creek	674	131	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-1 Zone
14259	Sehorn Creek	674	132	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-1 Zone
14260	Sehorn Creek	674	133	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-1 Zone
14261	Sehorn Creek	674	134	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-1 Zone
14262	Sehorn Creek	674	135	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-1 Zone
14263	Sehorn Creek	674	136	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-1 Zone
14264	Sehorn Creek	674	137	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-1 Zone
14265	Sehorn Creek	674	138	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-1 Zone
14266	Sehorn Creek	674	139	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-1 Zone
14267	Sehorn Creek	674	140	Stony Creek	149-J	Flournoy 15'		Early Cretaceous J-1 Zone
14268	San Dimas	674	14	Grand Avenue	no slide	strat column		middle and late Miocene upper Mohnian Stage
14269	Baldwin Park	675	1	San Jose Hills	75-N	strat column		Pliocene
14270	Baldwin Park	675	10	San Jose Hills	75-N			middle and late Miocene upper Mohnian Stage
14271	Baldwin Park	675	23	San Jose Hills	75-N			middle and late Miocene upper Mohnian Stage
14272	Baldwin Park	675	28	San Jose Hills	75-N			middle and late Miocene upper Mohnian Stage
14273	Baldwin Park	675	29	San Jose Hills	75-N			middle and late Miocene upper Mohnian Stage
14274	Baldwin Park	675	33	San Jose Hills	75-N			middle and late Miocene upper Mohnian Stage
14275	Baldwin Park	675	34	San Jose Hills	75-N			middle and late Miocene upper Mohnian Stage
14276	Baldwin Park	675	36	San Jose Hills	75-N			middle and late Miocene upper Mohnian Stage
14277	Baldwin Park	675	37	San Jose Hills	75-N			middle and late Miocene upper Mohnian Stage
14278	Baldwin Park	675	38	San Jose Hills	75-N			middle and late Miocene upper Mohnian Stage
14279	Baldwin Park	675	39	San Jose Hills	75-N			middle and late Miocene upper Mohnian Stage
14280	Baldwin Park	675	40	San Jose Hills	75-N			middle and late Miocene upper Mohnian Stage
14281	Baldwin Park	675	41	San Jose Hills	75-N			middle and late Miocene upper Mohnian Stage
14282	Baldwin Park	675	42	San Jose Hills	75-N			middle and late Miocene upper Mohnian Stage
14283	Baldwin Park	675	43	San Jose Hills	75-N			middle and late Miocene upper Mohnian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
14284	Baldwin Park	675	44	San Jose Hills	75-N			middle and late Miocene upper Mohnian Stage
14285	Baldwin Park	675	45	San Jose Hills	75-N			middle and late Miocene upper Mohnian Stage
14286	Baldwin Park	675	53	San Jose Hills	75-N			middle and late Miocene upper Mohnian Stage
14287	Baldwin Park	675	58	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14288	Baldwin Park	675	59	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14289	Baldwin Park	675	69	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14290	Baldwin Park	675	70	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14291	Baldwin Park	675	71	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14292	Baldwin Park	675	73	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14293	Baldwin Park	675	74	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14294	Baldwin Park	675	75	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14295	Baldwin Park	675	77	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14296	Baldwin Park	675	78	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14297	Baldwin Park	675	79	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14298	Baldwin Park	675	80	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14299	Baldwin Park	675	81	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14300	Baldwin Park	675	82	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14301	Baldwin Park	675	83	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14302	Baldwin Park	675	84	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14303	Baldwin Park	675	85	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14304	Baldwin Park	675	86	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14305	Baldwin Park	675	87	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14306	Baldwin Park	675	88	San Jose Hills	75-N			middle and late Miocene Mohnian Stage
14307	Sites	675	1	Funks Creek	149-J	Logoda 15'	strat column	Late Cretaceous I Zone
14308	Sites	675	2	Funks Creek	149-J	Logoda 15'	and foram list	Late Cretaceous I Zone
14309	Sites	675	3	Funks Creek	149-J	Logoda 15'		Late Cretaceous I Zone
14310	Sites	675	4	Funks Creek	149-J	Logoda 15'		Late Cretaceous I Zone
14311	Sites	675	5	Funks Creek	149-J	Logoda 15'		Late Cretaceous I Zone
14312	Sites	675	7	Funks Creek	149-J	Logoda 15'		Late Cretaceous I Zone
14313	Sites	675	8	Funks Creek	149-J	Logoda 15'		Late Cretaceous I Zone
14314	Sites	675	9	Funks Creek	149-J	Logoda 15'		Late Cretaceous I Zone
14315	Sites	675	10	Funks Creek	149-J	Logoda 15'		Late Cretaceous I Zone
14316	Sites	675	11	Funks Creek	149-J	Logoda 15'		Late Cretaceous H Zone
14317	Sites	675	12	Funks Creek	149-J	Logoda 15'		Late Cretaceous H Zone
14318	Sites	675	14A	Funks Creek	149-J	Logoda 15'		Late Cretaceous H Zone
14319	Sites	675	14B	Funks Creek	149-J	Logoda 15'		Late Cretaceous H Zone
14320	Sites	675	15A	Funks Creek	149-J	Logoda 15'		Late Cretaceous G-2 Zone
14321	Sites	675	15B	Funks Creek	149-J	Logoda 15'		Late Cretaceous G-2 Zone
14322	Sites	675	16	Funks Creek	149-J	Logoda 15'		Late Cretaceous G-2 Zone
14323	Sites	675	17	Funks Creek	149-J	Logoda 15'		Late Cretaceous G-2 Zone
14324	Sites	675	18	Funks Creek	149-J	Logoda 15'		Late Cretaceous G-2 Zone
14325	Sites	675	19	Funks Creek	149-J	Logoda 15'		Late Cretaceous G-1 Zone
14326	Sites	675	20	Funks Creek	149-J	Logoda 15'		Late Cretaceous G-1 Zone
14327	Sites	675	23	Funks Creek	151-L	Logoda 15'		Late Cretaceous F-2 Zone
14328	Sites	675	24	Funks Creek	151-L	Logoda 15'		Late Cretaceous F-2 Zone
14329	Sites	675	25	Funks Creek	151-L	Logoda 15'		Late Cretaceous F-2 Zone
14330	Sites	675	26	Funks Creek	151-L	Logoda 15'		Late Cretaceous F-2 Zone
14331	Sites	675	27	Funks Creek	151-L	Logoda 15'		Late Cretaceous F-1 Zone
14332	Sites	675	28	Funks Creek	151-L	Logoda 15'		Late Cretaceous F-1 Zone
14333	Sites	675	29	Funks Creek	151-L	Logoda 15'		Late Cretaceous F-1 Zone
14334	Sites	675	30	Funks Creek	151-L	Logoda 15'		Late Cretaceous F-1 Zone
14335	Sites	675	31	Funks Creek	151-L	Logoda 15'		Late Cretaceous F-1 Zone
14336	Sites	675	32	Funks Creek	151-L	Logoda 15'		Late Cretaceous F-1 Zone
14337	Sites	675	33	Funks Creek	151-L	Logoda 15'		Late Cretaceous F-1 Zone
14338	Sites	675	34	Funks Creek	151-L	Logoda 15'		Late Cretaceous F-1 Zone
14339	Sites	675	35	Funks Creek	151-L	Logoda 15'		Late Cretaceous F-1 Zone
14340	Sites	675	36	Funks Creek	151-L	Logoda 15'		Late Cretaceous F-1 Zone
14341	Baldwin Park	676	21	EC part of quad	75-M	strat column		middle and late Miocene Mohnian Stage
14342	Salt Canyon	676	1	Bear Creek	148-A	Wilbur Springs 15'	Have strat	Early Cretaceous J-1 Zone
14343	Salt Canyon	676	2	Bear Creek	148-A	Wilbur Springs 15'	column and	Early Cretaceous J-1 Zone
14344	Salt Canyon	676	3	Bear Creek	148-A	Wilbur Springs 15'	foram check	Early Cretaceous J-1 Zone
14345	Salt Canyon	676	4	Bear Creek	148-A	Wilbur Springs 15'	list	Early Cretaceous J-1 Zone
14346	Salt Canyon	676	5	Bear Creek	148-A	Wilbur Springs 15'		Early Cretaceous J-1 Zone
14347	Salt Canyon	676	6	Bear Creek	148-A	Wilbur Springs 15'		Early Cretaceous J-1 Zone
14348	San Dimas	676	21	WC part of quad	75-M	Have strat column		middle and late Miocene Mohnian Stage
14349	Lowrey	677	61	Cottonwood Creek	150-L	Colyear Sps 15'	Strat column	Late Cretaceous I or J Zone
14350	Lowrey	677	62	Cottonwood Creek	150-L	Colyear Sps 15'	and check list	Late Cretaceous I or J Zone
14351	Lowrey	677	63	Cottonwood Creek	150-L	Colyear Sps 15'		Late Cretaceous I or J Zone
14352	Lowrey	677	64	Cottonwood Creek	150-L	Colyear Sps 15'		Late Cretaceous I or J Zone
14353	Lowrey	677	65	Cottonwood Creek	150-L	Colyear Sps 15'		Late Cretaceous I or J Zone
14354	Lowrey	677	66	Cottonwood Creek	150-L	Colyear Sps 15'		Late Cretaceous I or J Zone
14355	Lowrey	677	67	Cottonwood Creek	150-L	Colyear Sps 15'		Late Cretaceous I or J Zone
14356	Lowrey	677	68	Cottonwood Creek	150-L	Colyear Sps 15'		Late Cretaceous I or J Zone
14357	Lowrey	677	69	Cottonwood Creek	150-L	Colyear Sps 15'		Late Cretaceous I or J Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
14358	Lowrey	677	70	Cottonwood Creek	150-L	Colyear Sps 15'		Late Cretaceous I or J Zone
14359	Lowrey	677	71	Cottonwood Creek	150-L	Colyear Sps 15'		Late Cretaceous I or J Zone
14360	Lowrey	677	72	Cottonwood Creek	150-L	Colyear Sps 15'		Late Cretaceous I or J Zone
14361	Lowrey	677	73	Cottonwood Creek	150-L	Colyear Sps 15'		Late Cretaceous I or J Zone
14362	Lowrey	677	74	Cottonwood Creek	150-L	Colyear Sps 15'		Late Cretaceous I or J Zone
14363	Lowrey	677	75	Cottonwood Creek	150-L	Colyear Sps 15'		Late Cretaceous I or J Zone
14364	Lowrey	677	77	Cottonwood Creek	150-L	Colyear Sps 15'		Late Cretaceous I or J Zone
14365	Lowrey	677	78	Cottonwood Creek	150-L	Colyear Sps 15'		Late Cretaceous I or J Zone
14366	Lowrey	677	79	Cottonwood Creek	150-L	Colyear Sps 15'		Late Cretaceous I or J Zone
14367	Lowrey	677	80	Cottonwood Creek	150-L	Colyear Sps 15'		Late Cretaceous I or J Zone
14368	Lowrey	677	81	Cottonwood Creek	150-L	Colyear Sps 15'		Late Cretaceous I or J Zone
14369	Lowrey	677	82	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14370	Lowrey	677	83	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14371	Lowrey	677	84	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14372	Lowrey	677	85	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14373	Lowrey	677	86	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14374	Lowrey	677	87	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14375	Lowrey	677	88	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14376	Lowrey	677	89	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14377	Lowrey	677	90	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14378	Lowrey	677	91	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14379	Lowrey	677	92	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14380	Lowrey	677	94	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14381	Lowrey	677	95	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14382	Lowrey	677	98	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14383	Lowrey	677	99	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14384	Lowrey	677	100	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14385	Lowrey	677	102	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14386	Lowrey	677	103	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14387	Lowrey	677	104	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14388	Lowrey	677	106	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14389	Lowrey	677	107	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous J-2 Zone
14390	Lowrey	677	108	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous L Zone
14391	Lowrey	677	109	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous L Zone
14392	Lowrey	677	110	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous L Zone
14393	Lowrey	677	111	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous L Zone
14394	Lowrey	677	112	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous L Zone
14395	Lowrey	677	113	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous L Zone
14396	Lowrey	677	114	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous L Zone
14397	Lowrey	677	115	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous L Zone
14398	Lowrey	677	116	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous L Zone
14399	Lowrey	677	117	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous L Zone
14400	Lowrey	677	118	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous L Zone
14401	Lowrey	677	119	Cottonwood Creek	150-L	Colyear Sps 15'		Early Cretaceous L Zone
14402	Lowrey	677	120	Cottonwood Creek	150-M	Colyear Sps 15'		Early Cretaceous L Zone
14403	Lowrey	677	122	Cottonwood Creek	150-M	Colyear Sps 15'		Early Cretaceous L Zone
14404	Lowrey	677	123	Cottonwood Creek	150-M	Colyear Sps 15'		Early Cretaceous L Zone
14405	Lowrey	677	124	Cottonwood Creek	150-M	Colyear Sps 15'		Early Cretaceous L Zone
14406	Oxbow Bridge	677	1	Cottonwood Creek	150-K	Colyear Sps 15'	Have strat	Late Cretaceous G-2 Zone
14407	Oxbow Bridge	677	3	Cottonwood Creek	150-K	Colyear Sps 15'	column and	Late Cretaceous G-2 Zone
14408	Oxbow Bridge	677	4	Cottonwood Creek	150-K	Colyear Sps 15'	foram check	Late Cretaceous G-2 Zone
14409	Oxbow Bridge	677	5	Cottonwood Creek	150-K	Colyear Sps 15'	list	Late Cretaceous G-2 Zone
14410	Oxbow Bridge	677	6	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous G-2 Zone
14411	Oxbow Bridge	677	7	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous G or H Zone
14412	Oxbow Bridge	677	8	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14413	Oxbow Bridge	677	9	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14414	Oxbow Bridge	677	10	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14415	Oxbow Bridge	677	11	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14416	Oxbow Bridge	677	12	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14417	Oxbow Bridge	677	13	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14418	Oxbow Bridge	677	14	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14419	Oxbow Bridge	677	15	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14420	Oxbow Bridge	677	16	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14421	Oxbow Bridge	677	17	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14422	Oxbow Bridge	677	18	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14423	Oxbow Bridge	677	19	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14424	Oxbow Bridge	677	20	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14425	Oxbow Bridge	677	21	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14426	Oxbow Bridge	677	22	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14427	Oxbow Bridge	677	23	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14428	Oxbow Bridge	677	24	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14429	Oxbow Bridge	677	25	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14430	Oxbow Bridge	677	26	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14431	Oxbow Bridge	677	27	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
14432	Oxbow Bridge	677	28	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14433	Oxbow Bridge	677	29	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14434	Oxbow Bridge	677	30	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14435	Oxbow Bridge	677	31	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14436	Oxbow Bridge	677	32	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14437	Oxbow Bridge	677	33	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14438	Oxbow Bridge	677	34	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14439	Oxbow Bridge	677	35	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14440	Oxbow Bridge	677	36	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14441	Oxbow Bridge	677	37	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14442	Oxbow Bridge	677	38	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14443	Oxbow Bridge	677	39	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14444	Oxbow Bridge	677	40	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14445	Oxbow Bridge	677	41	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14446	Oxbow Bridge	677	42	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14447	Oxbow Bridge	677	43	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14448	Oxbow Bridge	677	44	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14449	Oxbow Bridge	677	45	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14450	Oxbow Bridge	677	46	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14451	Oxbow Bridge	677	47	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14452	Oxbow Bridge	677	48	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14453	Oxbow Bridge	677	51	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14454	Oxbow Bridge	677	52	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14455	Oxbow Bridge	677	53	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14456	Oxbow Bridge	677	54	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous H Zone
14457	Oxbow Bridge	677	57	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous I Zone
14458	Oxbow Bridge	677	58	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous I Zone
14459	Oxbow Bridge	677	59	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous I Zone
14460	Oxbow Bridge	677	60	Cottonwood Creek	150-K	Colyear Sps 15'		Late Cretaceous I or J Zone
14461	Raglin Ridge	677	127	Cottonwood Creek	150-M	Colyear Sps 15'		Early Cretaceous L Zone
14462	Raglin Ridge	677	128	Cottonwood Creek	150-M	Colyear Sps 15'		Early Cretaceous K Zone
14463	San Dimas	677	5	San Jose Hills	75-H	Have strat column		middle and late Miocene lower Mohnian Stage
14464	San Dimas	677	6	San Jose Hills	75-H			middle and late Miocene lower Mohnian Stage
14465	San Dimas	677	8	San Jose Hills	75-H			middle and late Miocene lower Mohnian Stage
14466	San Dimas	677	9	San Jose Hills	75-H			middle and late Miocene lower Mohnian Stage
14467	Lowrey	678	1	Elder Creek	152-E	Colyear Spr 15'	Have strat	Late Cretaceous H Zone
14468	Lowrey	678	2	Elder Creek	152-E	Colyear Spr 15'	column and	Late Cretaceous H Zone
14469	Lowrey	678	3	Elder Creek	152-E	Colyear Spr 15'	foram check	Late Cretaceous H Zone
14470	Lowrey	678	4	Elder Creek	152-E	Colyear Spr 15'	list	Late Cretaceous H Zone
14471	Lowrey	678	5	Elder Creek	152-E	Colyear Spr 15'		Late Cretaceous H Zone
14472	Lowrey	678	6	Elder Creek	152-E	Colyear Spr 15'		Late Cretaceous H Zone
14473	Lowrey	678	7	Elder Creek	152-E	Colyear Spr 15'		Late Cretaceous H Zone
14474	Lowrey	678	8	Elder Creek	152-E	Colyear Spr 15'		Late Cretaceous H Zone
14475	Lowrey	678	9	Elder Creek	152-E	Colyear Spr 15'		Late Cretaceous H Zone
14476	Lowrey	678	10	Elder Creek	152-E	Colyear Spr 15'		Late Cretaceous H or I Zone
14477	Lowrey	678	11	Elder Creek	152-E	Colyear Spr 15'		Late Cretaceous H or I Zone
14478	Lowrey	678	12	Elder Creek	152-E	Colyear Spr 15'		Late Cretaceous H or I Zone
14479	Lowrey	678	15	Elder Creek	152-E	Colyear Spr 15'		Late Cretaceous I Zone
14480	Lowrey	678	16	Elder Creek	152-E	Colyear Spr 15'		Late Cretaceous I Zone
14481	Lowrey	678	17	Elder Creek	152-E	Colyear Spr 15'		Late Cretaceous I Zone
14482	Lowrey	678	18	Elder Creek	152-E	Colyear Spr 15'		Late Cretaceous I Zone
14483	Lowrey	678	19	Elder Creek	152-E	Colyear Spr 15'		Early Cretaceous J-1 Zone
14484	Lowrey	678	20	Elder Creek	152-E	Colyear Spr 15'		Early Cretaceous J-1 Zone
14485	Lowrey	678	21	Elder Creek	152-E	Colyear Spr 15'		Early Cretaceous J-1 Zone
14486	Lowrey	678	22	Elder Creek	152-E	Colyear Spr 15'		Early Cretaceous J-1 Zone
14487	Lowrey	678	23	Elder Creek	152-E	Colyear Spr 15'		Early Cretaceous J-1 Zone
14488	Lowrey	678	24	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-1 Zone
14489	Lowrey	678	25	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-1 Zone
14490	Lowrey	678	26	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-1 Zone
14491	Lowrey	678	27	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-1 Zone
14492	Lowrey	678	28	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-1 Zone
14493	Lowrey	678	29	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-1 Zone
14494	Lowrey	678	30	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-1 Zone
14495	Lowrey	678	31	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-2 Zone
14496	Lowrey	678	32	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-2 Zone
14497	Lowrey	678	33	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-2 Zone
14498	Lowrey	678	34	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-2 Zone
14499	Lowrey	678	35	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-2 Zone
14500	Lowrey	678	36	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-2 Zone
14501	Lowrey	678	37	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-2 Zone
14502	Lowrey	678	38	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-2 Zone
14503	Lowrey	678	39	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-2 Zone
14504	Lowrey	678	40	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-2 Zone
14505	Lowrey	678	41	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
14506	Lowrey	678	42	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-2 Zone
14507	Lowrey	678	43	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-2 Zone
14508	Lowrey	678	44	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-2 Zone
14509	Lowrey	678	45	Elder Creek	152-F	Colyear Spr 15'		Early Cretaceous J-2 Zone
14510	Baldwin Park	679	40	35/1S/10W	no slide		not on map	middle and late Miocene Mohnian Stage
14511	Paskenta	679	1	Nevada Creek	149-K	Paskenta 15'	Have strat	Late Jurassic M Zone
14512	Paskenta	679	2	Nevada Creek	149-K	Paskenta 15'	column and	Late Jurassic M Zone
14513	Paskenta	679	3	Nevada Creek	149-K	Paskenta 15'	check list	Late Jurassic M Zone
14514	Paskenta	679	4	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14515	Paskenta	679	5	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14516	Paskenta	679	6	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14517	Paskenta	679	7	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14518	Paskenta	679	8	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14519	Paskenta	679	9	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14520	Paskenta	679	10	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14521	Paskenta	679	11	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14522	Paskenta	679	12	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14523	Paskenta	679	13	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14524	Paskenta	679	14	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14525	Paskenta	679	15	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14526	Paskenta	679	16	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14527	Paskenta	679	17	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14528	Paskenta	679	18	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14529	Paskenta	679	19	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14530	Paskenta	679	20	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14531	Paskenta	679	21	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14532	Paskenta	679	22	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14533	Paskenta	679	23	Nevada Creek	149-K	Paskenta 15'		Late Jurassic M Zone
14534	Paskenta	679	24	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14535	Paskenta	679	25	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14536	Paskenta	679	27	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14537	Paskenta	679	28	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14538	Paskenta	679	29	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14539	Paskenta	679	30	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14540	Paskenta	679	31	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14541	Paskenta	679	32	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14542	Paskenta	679	33	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14543	Paskenta	679	34	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14544	Paskenta	679	35	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14545	Paskenta	679	36	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14546	Paskenta	679	37	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14547	Paskenta	679	38	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14548	Paskenta	679	39	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14549	Paskenta	679	40	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14550	Paskenta	679	41	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14551	Paskenta	679	42	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14552	Paskenta	679	43	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14553	Paskenta	679	44	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous L Zone
14554	Paskenta	679	50	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous K Zone
14555	Paskenta	679	51	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous K Zone
14556	Paskenta	679	52	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous K Zone
14557	Paskenta	679	53	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous K Zone
14558	Paskenta	679	54	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous K Zone
14559	Paskenta	679	55	Nevada Creek	149-K	Paskenta 15'		Early Cretaceous K Zone
14560	Paskenta	679	56	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous K Zone
14561	Paskenta	679	57	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous K Zone
14562	Paskenta	679	58	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous K Zone
14563	Paskenta	679	59	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous K Zone
14564	Paskenta	679	60	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous K Zone
14565	Paskenta	679	66	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous J-2 Zone
14566	Paskenta	679	67	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous J-2 Zone
14567	Paskenta	679	68	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous J-2 Zone
14568	Paskenta	679	69	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous J-2 Zone
14569	Paskenta	679	70	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous J-2 Zone
14570	Paskenta	679	71	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous J-2 Zone
14571	Paskenta	679	72	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous J-2 Zone
14572	Paskenta	679	73	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous J-2 Zone
14573	Paskenta	679	74	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous J-2 Zone
14574	Paskenta	679	75	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous J-2 Zone
14575	Paskenta	679	76	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous J-2 Zone
14576	Paskenta	679	77	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous J-2 Zone
14577	Paskenta	679	78	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous J-2 Zone
14578	Paskenta	679	79	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous J-2 Zone
14579	Paskenta	679	80	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous J-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
14580	Paskenta	679	83	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous J-1 Zone
14581	Paskenta	679	84	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous J-1 Zone
14582	Paskenta	679	85	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous J-1 Zone
14583	Paskenta	679	86	Nevada Creek	149-L	Paskenta 15'		Early Cretaceous J-1 Zone
14584	Clough Gulch	684		Clover Creek	no slide	Millville 15'	not on map	Late Cretaceous G-1 Zone
14585	Guinda	684		King Canyon	no slide		age from map	Late Cretaceous F-2 Zone
14586	Guinda	685		King Canyon	no slide		age from map	Late Cretaceous F-2 Zone
14587	Guinda	686		King Canyon	no slide		age from map	Late Cretaceous F-2 Zone
14588	Los Angeles	686	1	Arroyo Seco Park	77-C	strat column		middle and late Miocene Mohnian Stage
14589	Los Angeles	686	2	Arroyo Seco Park	77-C	strat column		middle and late Miocene Mohnian Stage
14590	Los Angeles	686	6	Arroyo Seco Park	77-C	strat column		middle and late Miocene Mohnian Stage
14591	Los Angeles	686	7	Arroyo Seco Park	77-C	strat column		middle and late Miocene Mohnian Stage
14592	Los Angeles	686	8	Arroyo Seco Park	77-C	strat column		middle and late Miocene Mohnian Stage
14593	Los Angeles	686	9	Arroyo Seco Park	77-C	strat column		middle and late Miocene Mohnian Stage
14594	Los Angeles	686	10	Arroyo Seco Park	77-C	strat column		middle and late Miocene Mohnian Stage
14595	Los Angeles	686	11	Arroyo Seco Park	77-C	strat column		middle and late Miocene Mohnian Stage
14596	Los Angeles	686	12	Arroyo Seco Park	77-C	strat column		middle and late Miocene Mohnian Stage
14597	Los Angeles	686	13	Arroyo Seco Park	77-C	strat column		middle and late Miocene Mohnian Stage
14598	Los Angeles	686	15	Arroyo Seco Park	77-C	strat column		middle and late Miocene Mohnian Stage
14599	Los Angeles	686	16	Arroyo Seco Park	77-C	strat column		middle and late Miocene Mohnian Stage
14600	Los Angeles	686	17	Arroyo Seco Park	77-C	strat column		middle and late Miocene Mohnian Stage
14601	Los Angeles	686	18	Arroyo Seco Park	77-C	strat column		middle and late Miocene Mohnian Stage
14602	Los Angeles	686	19	Arroyo Seco Park	77-C	strat column		middle and late Miocene Mohnian Stage
14603	Los Angeles	686	20	Arroyo Seco Park	77-C	strat column		middle and late Miocene Mohnian Stage
14604	Los Angeles	686	21	Arroyo Seco Park	77-C	strat column		middle and late Miocene Mohnian Stage
14605	Los Angeles	686	22	Arroyo Seco Park	77-C	strat column		middle and late Miocene Mohnian Stage
14606	Yreka?	686	K-8	no map provided	no slide			probably Eocene
14607	Yreka?	686	K-10	no map provided	no slide		Globotruncana	Late Cretaceous Senonian Stage
14608	Yreka?	686	K-12	no map provided	no slide			Late Cretaceous Senonian Stage
14609	Yreka?	686	K-13	no map provided	no slide			Late Cretaceous Senonian Stage, F-1 Zone
14610	Guinda	687		King Canyon	no slide		age from map	Late Cretaceous F-2 Zone
14611	Los Angeles	687	2	Arroyo Seco Park	77-D	strat column		middle and late Miocene Mohnian Stage
14612	Los Angeles	687	3	Arroyo Seco Park	77-D	strat column		middle and late Miocene Mohnian Stage
14613	Los Angeles	687	4	Arroyo Seco Park	77-D	strat column		middle and late Miocene Mohnian Stage
14614	Los Angeles	687	5	Arroyo Seco Park	77-D	strat column		middle and late Miocene Mohnian Stage
14615	Los Angeles	687	6	Arroyo Seco Park	77-D	strat column		middle and late Miocene Mohnian Stage
14616	Los Angeles	687	7	Arroyo Seco Park	77-D	strat column		middle and late Miocene Mohnian Stage
14617	Los Angeles	687	8	Arroyo Seco Park	77-D	strat column		middle and late Miocene Mohnian Stage
14618	El Monte	688	7	Rio Hondo	77-D	Repetto		Pliocene
14619	El Monte	688	9	Rio Hondo	77-D	Repetto		Pliocene
14620	El Monte	688	10	Rio Hondo	77-D	Repetto		Pliocene
14621	El Monte	688	11	Rio Hondo	77-D	Repetto		Pliocene
14622	El Monte	688	12	Rio Hondo	77-D	Repetto		Pliocene
14623	El Monte	688	13	Rio Hondo	77-D	Repetto		Pliocene
14624	Guinda	688	9	NE part of quad	128-M			Late Cretaceous J-1 Zone
14625	Bird Valley	689	1	WC part of quad	124-M			Eocene
14626	Bird Valley	689	2	WC part of quad	124-M			Eocene
14627	Bird Valley	689	3	WC part of quad	124-M			Eocene
14628	Los Angeles	690	7	center of quad	no slide			late Miocene Delmontian Stage
14629	Los Angeles	690	10	center of quad	no slide			late Miocene Delmontian Stage
14630	Los Angeles	690	12	center of quad	no slide			late Miocene Delmontian Stage
14631	Los Angeles	690	17	center of quad	no slide			late Miocene Delmontian Stage
14632	Tepusquet Canyon	691	6	Hudson Canyon	no slide	age based on fish &	mollusk	late Miocene Delmontian Stage
14633	Point Conception	691	1	Government Point	no slide			late Miocene
14634	Point Conception	691	2	Government Point	no slide			late Miocene
14635	Point Conception	691	3	Government Point	no slide			late Miocene
14636	Point Conception	691	4	Government Point	no slide			late Miocene
14637	Point Conception	691	5	Government Point	no slide			late Miocene
14638	Point Conception	691	6	Government Point	no slide			late Miocene
14639	Point Conception	691	7	Government Point	no slide			late Miocene
14640	Point Conception	691	8	Government Point	no slide			late Miocene
14641	Point Conception	691	9	Government Point	no slide			late Miocene
14642	Point Conception	691	10	Government Point	no slide			late Miocene
14643	Point Conception	691	11	Government Point	no slide			late Miocene
14644	Point Conception	691	12	Government Point	no slide			late Miocene
14645	Point Conception	691	13	Government Point	no slide			late Miocene
14646	Point Conception	691	14	Government Point	no slide			late Miocene
14647	Point Conception	691	15	Government Point	no slide			late Miocene
14648	Point Conception	691	16	Government Point	no slide			late Miocene
14649	Point Conception	691	17	Government Point	no slide			late Miocene
14650	Point Conception	691	18	Government Point	no slide			late Miocene
14651	Point Conception	691	19	Government Point	no slide			late Miocene
14652	Point Conception	691	20	Government Point	no slide			late Miocene
14653	Point Conception	691	21	Government Point	no slide			late Miocene

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
14654	Point Conception	691	22	Government Point	no slide			late Miocene
14655	Point Conception	691	23	Government Point	no slide			late Miocene
14656	Point Conception	691	24	Government Point	no slide			late Miocene
14657	Point Conception	691	25	Government Point	no slide			late Miocene
14658	Point Conception	691	26	Government Point	no slide			late Miocene
14659	Point Conception	691	27	Government Point	no slide			late Miocene
14660	Point Conception	691	28	Government Point	no slide			late Miocene
14661	Point Conception	691	29	Government Point	no slide			late Miocene
14662	Point Conception	691	30	Government Point	no slide			late Miocene
14663	Point Conception	691	31	Government Point	no slide			late Miocene
14664	Point Conception	691	32	Government Point	no slide			late Miocene
14665	Point Conception	691	33	Government Point	no slide			late Miocene
14666	Point Conception	691	34	Government Point	no slide			late Miocene
14667	Point Conception	691	35	Government Point	no slide			late Miocene
14668	Point Conception	691	36	Government Point	no slide			late Miocene
14669	Point Conception	691	37	Government Point	no slide			late Miocene
14670	Point Conception	691	38	Government Point	no slide			late Miocene
14671	Point Conception	691	39	Government Point	no slide			late Miocene
14672	Point Conception	691	41	Government Point	no slide			late Miocene
14673	Point Conception	691	42	Government Point	no slide			late Miocene
14674	Point Conception	691	43	Government Point	no slide			late Miocene
14675	Point Conception	691	44	Government Point	no slide			late Miocene
14676	Point Conception	691	45	Government Point	no slide			late Miocene
14677	Point Conception	691	46	Government Point	no slide			late Miocene
14678	Point Conception	691	47	Government Point	no slide			late Miocene
14679	Point Conception	691	48	Government Point	no slide			late Miocene
14680	Point Conception	691	49	Government Point	no slide			late Miocene
14681	Point Conception	691	50	Government Point	no slide			late Miocene
14682	Point Conception	691	51	Government Point	no slide			late Miocene
14683	Point Conception	691	52	Government Point	no slide			late Miocene
14684	Point Conception	691	53	Government Point	no slide			late Miocene
14685	Point Conception	691	54	Government Point	no slide			late Miocene
14686	Point Conception	691	55	Government Point	no slide			late Miocene
14687	Point Conception	691	56	Government Point	no slide			late Miocene
14688	Point Conception	691	57	Government Point	no slide			late Miocene
14689	Point Conception	691	58	Government Point	no slide			late Miocene
14690	Point Conception	691	59	Government Point	no slide			late Miocene
14691	Point Conception	691	60	Government Point	no slide			late Miocene
14692	Point Conception	691	61	Government Point	no slide			late Miocene
14693	Point Conception	691	62	Government Point	no slide			late Miocene
14694	Point Conception	691	63	Cojo Bay	no slide			late Miocene
14695	Point Conception	691	64	Cojo Bay	no slide			late Miocene
14696	Point Conception	691	65	Cojo Bay	no slide			late Miocene
14697	Point Conception	691	66	Cojo Bay	no slide			late Miocene
14698	Point Conception	691	67	Cojo Bay	no slide			late Miocene
14699	Point Conception	691	68	Cojo Bay	no slide			late Miocene
14700	Point Conception	691	69	Cojo Bay	no slide			late Miocene
14701	Point Conception	691	70	Cojo Bay	no slide			late Miocene
14702	Point Conception	691	71	Cojo Bay	no slide			late Miocene
14703	Point Conception	691	72	Cojo Bay	no slide			late Miocene
14704	Point Conception	691	73	Cojo Bay	no slide			late Miocene
14705	Point Conception	691	74	Cojo Bay	no slide			late Miocene
14706	Point Conception	691	75	Cojo Bay	no slide			late Miocene
14707	Point Conception	691	76	Cojo Bay	no slide			late Miocene
14708	Point Conception	691	77	Cojo Bay	no slide			late Miocene
14709	Point Conception	691	78	Cojo Bay	no slide			late Miocene
14710	Point Conception	691	79	Cojo Bay	no slide			late Miocene
14711	Point Conception	691	80	Cojo Bay	no slide			late Miocene
14712	Point Conception	691	81	Cojo Bay	no slide			late Miocene
14713	Point Conception	691	82	Cojo Bay	no slide			late Miocene
14714	Point Conception	691	83	Cojo Bay	no slide			late Miocene
14715	Point Conception	691	84	Cojo Bay	no slide			late Miocene
14716	Point Conception	691	85	Cojo Bay	no slide			late Miocene
14717	Point Conception	691	86	Cojo Bay	no slide			late Miocene
14718	Point Conception	691	87	Cojo Bay	no slide			late Miocene
14719	Point Conception	691	88	Cojo Bay	no slide			late Miocene
14720	Point Conception	691	89	Cojo Bay	no slide			late Miocene
14721	Point Conception	691	90	Cojo Bay	no slide			late Miocene
14722	Point Conception	691	91	Cojo Bay	no slide			late Miocene
14723	Point Conception	691	92	Cojo Bay	no slide			late Miocene
14724	Point Conception	691	93	Cojo Bay	no slide			late Miocene
14725	Point Conception	691	94	Cojo Bay	no slide			late Miocene
14726	Point Conception	691	95	Cojo Bay	no slide			late Miocene
14727	Point Conception	691	96	Cojo Bay	no slide			late Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
14728	Point Conception	691	97	Cojo Bay	no slide			late Miocene
14729	Point Conception	691	98	Cojo Bay	no slide			late Miocene
14730	Point Conception	691	99	Cojo Bay	no slide			late Miocene
14731	Point Conception	691	100	Cojo Bay	no slide			late Miocene
14732	Point Conception	691	101	Cojo Bay	no slide			late Miocene
14733	Point Conception	691	102	Cojo Bay	no slide			late Miocene
14734	Point Conception	691	103	Cojo Bay	no slide			late Miocene
14735	Point Conception	691	104	Cojo Bay	no slide			late Miocene
14736	Point Conception	691	105	Cojo Bay	no slide			late Miocene
14737	Point Conception	691	106	Cojo Bay	no slide			late Miocene
14738	Point Conception	691	107	Cojo Bay	no slide			late Miocene
14739	Point Conception	691	108	Cojo Bay	no slide			late Miocene
14740	Point Conception	691	109	Cojo Bay	no slide			late Miocene
14741	Point Conception	691	110	Cojo Bay	no slide			late Miocene
14742	Point Conception	691	111	Cojo Bay	no slide			late Miocene
14743	Point Conception	691	112	Cojo Bay	no slide			late Miocene
14744	Point Conception	691	113	Cojo Bay	no slide			late Miocene
14745	Point Conception	691	114	Cojo Bay	no slide			late Miocene
14746	Point Conception	691	115	Cojo Bay	no slide			late Miocene
14747	Point Conception	691	116	Cojo Bay	no slide			late Miocene
14748	Point Conception	691	117	Cojo Bay	no slide			late Miocene
14749	Point Conception	691	118	Cojo Bay	no slide			late Miocene
14750	Point Conception	691	119	Cojo Bay	no slide			late Miocene
14751	Point Conception	691	120	Cojo Bay	no slide			late Miocene
14752	Point Conception	691	121	Cojo Bay	no slide			late Miocene
14753	Point Conception	691	122	Cojo Bay	no slide			late Miocene
14754	Point Conception	691	123	Cojo Bay	no slide			late Miocene
14755	Point Conception	691	124	Cojo Bay	no slide			late Miocene
14756	Point Conception	691	125	Cojo Bay	no slide			late Miocene
14757	Point Conception	691	126	Cojo Bay	no slide			late Miocene
14758	Point Conception	691	127	Cojo Bay	no slide			late Miocene
14759	Point Conception	691	128	Cojo Bay	no slide			late Miocene
14760	Point Conception	691	129	Cojo Bay	no slide			late Miocene
14761	Dos Pueblos Canyon	692	1	NW of Coal Point	no slide			late Miocene
14762	Dos Pueblos Canyon	692	2	NW of Coal Point	no slide			late Miocene
14763	Dos Pueblos Canyon	692	3	NW of Coal Point	no slide			late Miocene
14764	Dos Pueblos Canyon	692	4	NW of Coal Point	no slide			late Miocene
14765	Dos Pueblos Canyon	692	5	NW of Coal Point	no slide			late Miocene
14766	Dos Pueblos Canyon	692	6	NW of Coal Point	no slide			late Miocene
14767	Dos Pueblos Canyon	692	7	NW of Coal Point	no slide			late Miocene
14768	Dos Pueblos Canyon	692	8	NW of Coal Point	no slide			late Miocene
14769	Dos Pueblos Canyon	692	9	NW of Coal Point	no slide			late Miocene
14770	Dos Pueblos Canyon	692	10	NW of Coal Point	no slide			late Miocene
14771	Dos Pueblos Canyon	692	11	NW of Coal Point	no slide			late Miocene
14772	Dos Pueblos Canyon	692	12	NW of Coal Point	no slide			late Miocene
14773	Dos Pueblos Canyon	692	13	NW of Coal Point	no slide			late Miocene
14774	Dos Pueblos Canyon	692	14	NW of Coal Point	no slide			late Miocene
14775	Dos Pueblos Canyon	692	15	NW of Coal Point	no slide			late Miocene
14776	Dos Pueblos Canyon	692	16	NW of Coal Point	no slide			late Miocene
14777	Dos Pueblos Canyon	692	17	NW of Coal Point	no slide			late Miocene
14778	Dos Pueblos Canyon	692	18	NW of Coal Point	no slide			late Miocene
14779	Dos Pueblos Canyon	692	19	NW of Coal Point	no slide			late Miocene
14780	Dos Pueblos Canyon	692	20	NW of Coal Point	no slide			late Miocene
14781	Dos Pueblos Canyon	692	21	NW of Coal Point	no slide			late Miocene
14782	Dos Pueblos Canyon	692	22	NW of Coal Point	no slide			late Miocene
14783	Dos Pueblos Canyon	692	23	NW of Coal Point	no slide			late Miocene
14784	Dos Pueblos Canyon	692	24	NW of Coal Point	no slide			late Miocene
14785	Dos Pueblos Canyon	692	25	NW of Coal Point	no slide			late Miocene
14786	Dos Pueblos Canyon	692	26	NW of Coal Point	no slide			late Miocene
14787	Dos Pueblos Canyon	692	27	NW of Coal Point	no slide			late Miocene
14788	Dos Pueblos Canyon	692	28	NW of Coal Point	no slide			late Miocene
14789	Dos Pueblos Canyon	692	29	NW of Coal Point	no slide			late Miocene
14790	Dos Pueblos Canyon	692	30	NW of Coal Point	no slide			late Miocene
14791	Dos Pueblos Canyon	692	31	NW of Coal Point	no slide			late Miocene
14792	Dos Pueblos Canyon	692	32	NW of Coal Point	no slide			late Miocene
14793	Dos Pueblos Canyon	692	33	NW of Coal Point	no slide			late Miocene
14794	Dos Pueblos Canyon	692	34	NW of Coal Point	no slide			late Miocene
14795	Dos Pueblos Canyon	692	35	NW of Coal Point	no slide			late Miocene
14796	Dos Pueblos Canyon	692	36	NW of Coal Point	no slide			late Miocene
14797	Dos Pueblos Canyon	692	37	NW of Coal Point	no slide			late Miocene
14798	Dos Pueblos Canyon	692	38	NW of Coal Point	no slide			late Miocene
14799	Dos Pueblos Canyon	692	39	NW of Coal Point	no slide			late Miocene
14800	Dos Pueblos Canyon	692	40	NW of Coal Point	no slide			late Miocene
14801	Dos Pueblos Canyon	692	41	NW of Coal Point	no slide			late Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
14802	Dos Pueblos Canyon	692	42	NW of Coal Point	no slide			late Miocene
14803	Dos Pueblos Canyon	692	43	NW of Coal Point	no slide			late Miocene
14804	Dos Pueblos Canyon	692	44	NW of Coal Point	no slide			late Miocene
14805	Dos Pueblos Canyon	692	45	NW of Coal Point	no slide			late Miocene
14806	Dos Pueblos Canyon	692	46	NW of Coal Point	no slide			late Miocene
14807	Dos Pueblos Canyon	692	47	NW of Coal Point	no slide			late Miocene
14808	Dos Pueblos Canyon	692	48	NW of Coal Point	no slide			late Miocene
14809	Dos Pueblos Canyon	692	49	NW of Coal Point	no slide			late Miocene
14810	Dos Pueblos Canyon	692	50	NW of Coal Point	no slide			late Miocene
14811	Chews Ridge	702	2	Church Creek	141-M	Jamesburg 15'		early or middle Eocene
14812	Chews Ridge	702	3	Church Creek	141-M	Jamesburg 15'		early or middle Eocene
14813	Chews Ridge	702	4	Church Creek	141-M	Jamesburg 15'		early or middle Eocene
14814	Chews Ridge	702	5	Church Creek	141-M	Jamesburg 15'		early or middle Eocene
14815	Big Basin	704	2	center of map	22-C	strat column		late Eocene upper Narizian Stage (A-1 Zone)
14816	Castle Rock Ridge	705	1	Bear Creek	15-N	strat column and		Oligocene lower Zemorrian Stage
14817	Castle Rock Ridge	705	2	Bear Creek	15-N	check list		Oligocene lower Zemorrian Stage
14818	Castle Rock Ridge	705	3	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14819	Castle Rock Ridge	705	4	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14820	Castle Rock Ridge	705	5	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14821	Castle Rock Ridge	705	6	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14822	Castle Rock Ridge	705	7	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14823	Castle Rock Ridge	705	8	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14824	Castle Rock Ridge	705	9	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14825	Castle Rock Ridge	705	10	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14826	Castle Rock Ridge	705	11	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14827	Castle Rock Ridge	705	12	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14828	Castle Rock Ridge	705	13	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14829	Castle Rock Ridge	705	14	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14830	Castle Rock Ridge	705	15	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14831	Castle Rock Ridge	705	16	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14832	Castle Rock Ridge	705	17	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14833	Castle Rock Ridge	705	18	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14834	Castle Rock Ridge	705	19	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14835	Castle Rock Ridge	705	20	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14836	Castle Rock Ridge	705	21	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14837	Castle Rock Ridge	705	22	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14838	Castle Rock Ridge	705	23	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14839	Castle Rock Ridge	705	24	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14840	Castle Rock Ridge	705	25	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14841	Castle Rock Ridge	705	26	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14842	Castle Rock Ridge	705	27	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14843	Castle Rock Ridge	705	28	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14844	Castle Rock Ridge	705	29	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14845	Castle Rock Ridge	705	30	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14846	Castle Rock Ridge	705	31	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14847	Castle Rock Ridge	705	32	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14848	Castle Rock Ridge	705	33	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14849	Castle Rock Ridge	705	34	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14850	Castle Rock Ridge	705	35	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14851	Castle Rock Ridge	705	36	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14852	Castle Rock Ridge	705	37	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14853	Castle Rock Ridge	705	38	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14854	Castle Rock Ridge	705	39	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14855	Castle Rock Ridge	705	40	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14856	Castle Rock Ridge	705	41	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14857	Castle Rock Ridge	705	42	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14858	Castle Rock Ridge	705	43	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14859	Castle Rock Ridge	705	44	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14860	Castle Rock Ridge	705	45	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14861	Castle Rock Ridge	705	46	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14862	Castle Rock Ridge	705	47	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14863	Castle Rock Ridge	705	48	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14864	Castle Rock Ridge	705	49	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14865	Castle Rock Ridge	705	50	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14866	Castle Rock Ridge	705	51	Bear Creek	15-N			Oligocene lower Zemorrian Stage
14867	Castle Rock Ridge	705	52	Bear Creek	15-N			Oligocene upper Zemorrian Stage
14868	Castle Rock Ridge	705	53	Bear Creek	15-N			Oligocene upper Zemorrian Stage
14869	Castle Rock Ridge	705	54	Bear Creek	15-N			Oligocene upper Zemorrian Stage
14870	Castle Rock Ridge	705	slide 1	Bear Creek	15-N	picked slide		Oligocene Zemorrian Stage
14871	Big Basin	706	1	San Lorenzo River	137-G	Have strat column		Oligocene Zemorrian Stage
14872	Big Basin	706	1A	San Lorenzo River	137-G	and foram check		Oligocene Zemorrian Stage
14873	Big Basin	706	2	San Lorenzo River	137-G	list		Oligocene Zemorrian Stage
14874	Big Basin	706	3	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14875	Big Basin	706	4	San Lorenzo River	137-G			Oligocene Zemorrian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
14876	Big Basin	706	5	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14877	Big Basin	706	6	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14878	Big Basin	706	7	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14879	Big Basin	706	8	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14880	Big Basin	706	9	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14881	Big Basin	706	10	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14882	Big Basin	706	11	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14883	Big Basin	706	12	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14884	Big Basin	706	13	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14885	Big Basin	706	14	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14886	Big Basin	706	15	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14887	Big Basin	706	16	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14888	Big Basin	706	17	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14889	Big Basin	706	18	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14890	Big Basin	706	19	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14891	Big Basin	706	20	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14892	Big Basin	706	21	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14893	Big Basin	706	22	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14894	Big Basin	706	23	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14895	Big Basin	706	24	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14896	Big Basin	706	25	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14897	Big Basin	706	26	San Lorenzo River	137-G			Oligocene Zemorrian Stage
14898	Big Basin	706	27	San Lorenzo R	137-G			late Eocene Refugian Stage
14899	Big Basin	706	28	San Lorenzo R	137-G			late Eocene Refugian Stage
14900	Big Basin	706	29	San Lorenzo R	137-G			late Eocene Refugian Stage
14901	Big Basin	706	30	San Lorenzo R	137-G			late Eocene Refugian Stage
14902	Big Basin	706	31	San Lorenzo R	137-G			late Eocene Refugian Stage
14903	Big Basin	706	32	San Lorenzo R	137-G			late Eocene Refugian Stage
14904	Big Basin	706	33	San Lorenzo R	137-G			late Eocene Refugian Stage
14905	Big Basin	706	34	San Lorenzo R	137-G			late Eocene Refugian Stage
14906	Big Basin	706	35	San Lorenzo R	137-G			middle Eocene A Zone
14907	Big Basin	706	36	San Lorenzo R	137-G			middle Eocene A Zone
14908	Big Basin	706	37	San Lorenzo R	137-G			middle Eocene A Zone
14909	Big Basin	706	38	San Lorenzo R	137-G			middle Eocene A Zone
14910	Big Basin	706	39	San Lorenzo R	137-G			middle Eocene A Zone
14911	Big Basin	706	40	San Lorenzo R	137-G			middle Eocene A Zone
14912	Big Basin	706	41	San Lorenzo R	137-G			middle Eocene A Zone
14913	Big Basin	706	42	San Lorenzo R	137-G			middle Eocene A Zone
14914	Big Basin	706	43	San Lorenzo R	137-G			middle Eocene A Zone
14915	Big Basin	706	slide 1	San Lorenzo River	137-F	picked slide		Oligocene Zemorrian Stage
14916	Half Moon Bay	707	1	along Lobitos Ck	139-C	Begins about 2000	Good examples	Pliocene
14917	Half Moon Bay	707	1A	along Lobitos Ck	139-C	feet NE of town of	of forams from	Pliocene
14918	Half Moon Bay	707	4	along Lobitos Ck	139-C	Lobitos and ends at	Purisima Fm	Pliocene
14919	Half Moon Bay	707	5	along Lobitos Ck	139-C	Martins Beach	Strat column	Pliocene
14920	Half Moon Bay	707	6	along Lobitos Ck	139-C	Purisima anticline	and check list	Pliocene
14921	Half Moon Bay	707	7	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14922	Half Moon Bay	707	8	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14923	Half Moon Bay	707	9	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14924	Half Moon Bay	707	10	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14925	Half Moon Bay	707	12	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14926	Half Moon Bay	707	13	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14927	Half Moon Bay	707	14	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14928	Half Moon Bay	707	18	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14929	Half Moon Bay	707	20	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14930	Half Moon Bay	707	21	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14931	Half Moon Bay	707	22	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14932	Half Moon Bay	707	23	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14933	Half Moon Bay	707	25	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14934	Half Moon Bay	707	26	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14935	Half Moon Bay	707	29	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14936	Half Moon Bay	707	30	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14937	Half Moon Bay	707	31	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14938	Half Moon Bay	707	32	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14939	Half Moon Bay	707	34	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14940	Half Moon Bay	707	35	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14941	Half Moon Bay	707	36	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14942	Half Moon Bay	707	37	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14943	Half Moon Bay	707	38	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14944	Half Moon Bay	707	39	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14945	Half Moon Bay	707	40	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14946	Half Moon Bay	707	41	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14947	Half Moon Bay	707	42	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14948	Half Moon Bay	707	43	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14949	Half Moon Bay	707	44	along Lobitos Ck	139-C	Purisima anticline		Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
14950	Half Moon Bay	707	45	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14951	Half Moon Bay	707	46	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14952	Half Moon Bay	707	47	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14953	Half Moon Bay	707	48	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14954	Half Moon Bay	707	49	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14955	Half Moon Bay	707	50	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14956	Half Moon Bay	707	51	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14957	Half Moon Bay	707	52	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14958	Half Moon Bay	707	53	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14959	Half Moon Bay	707	54	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14960	Half Moon Bay	707	55	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14961	Half Moon Bay	707	56	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14962	Half Moon Bay	707	57	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14963	Half Moon Bay	707	slide 1	along Lobitos Ck	139-C	Purisima anticline		Pliocene
14964	Little Pine Mountain	707	1	SC part of quad	no slide			Late Cretaceous
14965	Little Pine Mountain	707	2	SC part of quad	no slide			Late Cretaceous
14966	Little Pine Mountain	707	3	SC part of quad	no slide			Late Cretaceous
14967	Little Pine Mountain	707	4	SC part of quad	no slide			Late Cretaceous
14968	Santa Barbara	707	5	NC part of quad	no slide			Late Cretaceous
14969	Santa Barbara	707	6	NC part of quad	no slide			Late Cretaceous
14970	Santa Barbara	707	17	NC part of quad	no slide			Eocene
14971	Santa Barbara	707	18	NC part of quad	no slide			Eocene
14972	Santa Barbara	707	19	NC part of quad	no slide			Eocene
14973	Santa Barbara	707	20	NC part of quad	no slide			Eocene
14974	Santa Barbara	707	21	NC part of quad	no slide			Eocene
14975	Santa Barbara	707	22	NC part of quad	no slide			Eocene
14976	Santa Barbara	707	23	NC part of quad	no slide			Eocene
14977	Santa Barbara	707	24	NC part of quad	no slide			Eocene
14978	Santa Barbara	707	25	NC part of quad	no slide			Eocene
14979	Santa Barbara	707	26	NC part of quad	no slide			Eocene
14980	Santa Barbara	707	27	NC part of quad	no slide			Eocene
14981	Santa Barbara	707	28	NC part of quad	no slide			Eocene
14982	Santa Barbara	707	30	NC part of quad	no slide			Eocene
14983	Santa Barbara	707	31	NC part of quad	no slide			Eocene
14984	Santa Barbara	707	32	NC part of quad	no slide			Eocene
14985	Santa Barbara	707	33	NC part of quad	no slide			Eocene
14986	Santa Barbara	707	34	NC part of quad	no slide			Eocene
14987	Santa Barbara	707	35	NC part of quad	no slide			Eocene
14988	Santa Barbara	707	36	NC part of quad	no slide			Eocene
14989	Santa Barbara	707	37	NC part of quad	no slide			Eocene
14990	Santa Barbara	707	38	NC part of quad	no slide			Eocene
14991	Santa Barbara	707	39	NC part of quad	no slide			Eocene
14992	Santa Barbara	707	40	NC part of quad	no slide			Eocene
14993	Santa Barbara	707	41	NC part of quad	no slide			Eocene
14994	Santa Barbara	707	42	NC part of quad	no slide			Eocene
14995	Santa Barbara	707	43	NC part of quad	no slide			Eocene
14996	Santa Barbara	707	44	NC part of quad	no slide			Eocene
14997	Bear Canyon	708	42	EC part of quad	200-N			middle and late Miocene upper Mohnian Stage
14998	Bear Canyon	708	43	EC part of quad	200-N			middle and late Miocene upper Mohnian Stage
14999	Bear Canyon	708		EC part of quad	200-N			middle and late Miocene upper Mohnian Stage
15000	Bear Canyon	708	4	EC part of quad	200-N			middle and late Miocene upper Mohnian Stage
15001	Bear Canyon	708	5	EC part of quad	200-N			middle and late Miocene Mohnian or Delmontian Stage
15002	Cosio Knob	708	6	Mission Creek	200-N	King City 15'		middle and late Miocene Mohnian or Delmontian Stage
15003	Cosio Knob	708	7	Mission Creek	200-N	King City 15'		middle and late Miocene Mohnian or Delmontian Stage
15004	Cosio Knob	709	3	Cosio Knob	129-N	Age from strat		middle and late Miocene Mohnian or Delmontian Stage
15005	Cosio Knob	709	5	Cosio Knob	129-N	column and check		middle and late Miocene Mohnian or Delmontian Stage
15006	Cosio Knob	709	6	Cosio Knob	129-N	list		middle and late Miocene Mohnian or Delmontian Stage
15007	Cosio Knob	709	7	Cosio Knob	129-N	King City 15'		middle and late Miocene Mohnian or Delmontian Stage
15008	Cosio Knob	709	8	Cosio Knob	129-N	King City 15'		middle and late Miocene Mohnian or Delmontian Stage
15009	Cosio Knob	709	9	Cosio Knob	129-N	King City 15'		middle and late Miocene Mohnian or Delmontian Stage
15010	Cosio Knob	709	10	Cosio Knob	129-N	King City 15'		middle and late Miocene Mohnian or Delmontian Stage
15011	Cosio Knob	709	11	Cosio Knob	129-N	King City 15'		middle and late Miocene Mohnian or Delmontian Stage
15012	Cosio Knob	709	12	Cosio Knob	129-N	King City 15'		middle and late Miocene Mohnian or Delmontian Stage
15013	Cosio Knob	709	13	Cosio Knob	129-N	King City 15'		middle and late Miocene Mohnian or Delmontian Stage
15014	Cosio Knob	709	14	Cosio Knob	129-N	King City 15'		middle and late Miocene Mohnian or Delmontian Stage
15015	Cosio Knob	709	15	Cosio Knob	129-N	King City 15'		middle and late Miocene upper Mohnian Stage
15016	Cosio Knob	709	16	Cosio Knob	129-N	King City 15'		middle and late Miocene upper Mohnian Stage
15017	Cosio Knob	709	17	Cosio Knob	129-N	King City 15'		middle and late Miocene upper Mohnian Stage
15018	Cosio Knob	709	18	Cosio Knob	129-N	King City 15'		middle and late Miocene upper Mohnian Stage
15019	Cosio Knob	709	19	Cosio Knob	129-N	King City 15'		late Miocene
15020	Cosio Knob	709	21	Cosio Knob	129-N	King City 15'		middle Miocene Luisian Stage
15021	Cosio Knob	709	22	Cosio Knob	129-N	King City 15'		middle Miocene Luisian Stage
15022	Cosio Knob	709	slide 1	Cosio Knob	129-N	King City 15'		representative sample for section
15023	Los Gatos	710	1	Guadalupe area	152-A	Los Gatos 15'		early or middle Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
15024	Los Gatos	710	2	Guadalupe area	152-A	not on map	planktics	Late Cretaceous Cenomanian Stage
15025	Los Gatos	710	3	Guadalupe area	152-A	not on map	planktics	Late Cretaceous Cenomanian Stage
15026	Los Gatos	710	4	Guadalupe area	152-A	not on map	planktics	Late Cretaceous Cenomanian Stage
15027	Los Gatos	710	6	Guadalupe area	152-A	not on map		Cretaceous
15028	Los Gatos	710	7	Guadalupe area	152-A	not on map		probably Early Cretaceous J Zone
15029	Castle Rock Ridge	711	1	Kings Creek	B-14	EB 368-B	strat column	early or middle Miocene Relizian or Luisian Stage
15030	Castle Rock Ridge	711	2	Kings Creek	B-14	EB 428-B	Vaqueros ss	Late Cretaceous arenaceous foraminifers
15031	Castle Rock Ridge	711	3	Kings Creek	B-14	EB 427-C	Vaqueros ss	Late Cretaceous arenaceous foraminifers
15032	Castle Rock Ridge	711	4	Kings Creek	B-14	EB 427-B	Vaqueros ss	Late Cretaceous arenaceous foraminifers
15033	Castle Rock Ridge	711	6	Kings Creek	B-14	EB 423-C	Vaqueros ss	Early Cretaceous arenaceous foraminifers
15034	Castle Rock Ridge	711	7	Kings Creek	B-14	EB 422-B	type Rices	late Eocene Refugian Stage
15035	Castle Rock Ridge	711	8	Kings Creek	B-14	EB 421-A	type Rices	late Eocene Refugian Stage
15036	Castle Rock Ridge	711	9	Kings Creek	B-14	EB 420-B	type Rices	late Eocene Refugian Stage
15037	Castle Rock Ridge	711	10	Kings Creek	B-14	EB 420-D	type Rices	late Eocene Refugian Stage
15038	Castle Rock Ridge	711	11	Kings Creek	B-14	EB 364-B	type Rices	Eocene
15039	Castle Rock Ridge	711	12	Kings Creek	B-14	EB 365-B	type Rices	middle Eocene A-1 Zone
15040	Castle Rock Ridge	711	13	Kings Creek	B-14	EB 365-A	type Rices	middle Eocene A-1 Zone
15041	Castle Rock Ridge	711	14	Kings Creek	B-14	EB 367-E	type Rices	middle Eocene A-1 Zone
15042	Castle Rock Ridge	711	15	Kings Creek	B-14	EB 367-D	type Rices	middle Eocene A-1 Zone
15043	Castle Rock Ridge	711	16	Kings Creek	B-14	EB 367-B	type Twobar	middle Eocene A-1 Zone
15044	Castle Rock Ridge	711	17	Kings Creek	B-14	EB 367-A	type Twobar	middle Eocene A-1 Zone
15045	Castle Rock Ridge	711	18	Kings Creek	B-14	EB 366-D	type Twobar	middle Eocene A-1 Zone
15046	Castle Rock Ridge	711	19	Kings Creek	B-14	EB 366-C	type Twobar	middle Eocene A-1 Zone
15047	Castle Rock Ridge	711	20	Kings Creek	B-14	EB 366-B	type Twobar	middle Eocene A-1 Zone
15048	Castle Rock Ridge	711	21	Kings Creek	B-14	EB 419-C	type Twobar	middle Eocene A-1 Zone
15049	Castle Rock Ridge	711	22	Kings Creek	B-14	EB 419-A	type Twobar	middle Eocene A-1 Zone
15050	Castle Rock Ridge	711	23	Kings Creek	B-14	EB 363-C	type Twobar	late Eocene Refugian Stage
15051	Castle Rock Ridge	711	24	Kings Creek	B-14	EB 363-B	type Twobar	late Eocene Refugian Stage
15052	Castle Rock Ridge	711	25	Kings Creek	B-14	EB 425-A	Butano ss	late Eocene Refugian Stage
15053	Castle Rock Ridge	711	26	Kings Creek	B-14	EB 425-C	Butano ss	late Eocene Refugian Stage
15054	Castle Rock Ridge	711	27	Kings Creek	B-14	EB 426-B	Butano ss	Eocene
15055	Big Basin	712		Two Bar Creek	B-14	EB223C	Vaqueros ss	Oligocene Zemorrian Stage
15056	Big Basin	712		Two Bar Creek	B-14	EB223F	Vaqueros ss	Oligocene Zemorrian Stage
15057	Big Basin	712		Two Bar Creek	B-14	EB223H	Vaqueros ss	Oligocene Zemorrian Stage
15058	Big Basin	712		Two Bar Creek	B-14	EB459B	Vaqueros ss	Oligocene Zemorrian Stage
15059	Mount Vaca	712	24	mouth of Mix Cyn	A-10			Late Cretaceous f-1 Zone
15060	Mount Vaca	712	63	mouth of Mix Cyn	A-10			late Paleocene E Zone
15061	Mount Vaca	713		mouth Gates Cyn	A-10			Late Cretaceous arenaceous foraminifers
15062	Chews Ridge	713	2	Church Creek	141-N	Jamesburg 15'		late Eocene Refugian Stage
15063	Chews Ridge	713	3	Church Creek	141-N	Jamesburg 15'		late Eocene Refugian Stage
15064	Chews Ridge	713	3A	Church Creek	141-N	Jamesburg 15'		late Eocene Refugian Stage
15065	Chews Ridge	713	4	Church Creek	141-N	Jamesburg 15'		late Eocene Refugian Stage
15066	Chews Ridge	713	5	Church Creek	141-N	Jamesburg 15'		late Eocene Refugian Stage
15067	Chews Ridge	713	6	Church Creek	141-N	Jamesburg 15'		late Eocene Refugian Stage
15068	Chews Ridge	713	7	Church Creek	141-N	Jamesburg 15'		late Eocene Refugian Stage
15069	Chews Ridge	713	8	Church Creek	141-N	Jamesburg 15'		late Eocene Refugian Stage
15070	Mount Vaca	714		W of Pioneer Rnch	A-10			Late Cretaceous arenaceous foraminifers
15071	Eagle Rest Peak	714	1	Devils Kitchen	no slide			Eocene
15072	Eagle Rest Peak	714	2	Devils Kitchen	no slide			Eocene
15073	Eagle Rest Peak	714	3	Devils Kitchen	no slide			Eocene
15074	Eagle Rest Peak	714	4	Devils Kitchen	no slide			Eocene
15075	Eagle Rest Peak	714	5	Devils Kitchen	no slide			Eocene
15076	Eagle Rest Peak	714	6	Devils Kitchen	no slide			Eocene
15077	Eagle Rest Peak	714	7	Devils Kitchen	no slide			Eocene
15078	Eagle Rest Peak	714	8	Devils Kitchen	no slide			Eocene
15079	Oil Center?	727		not on map	none			Eocene
15080	Oil Center?	730		not on map	none			Eocene
15081	Oil Center?	732		not on map	none			Eocene
15082	Watsonville East	732		EC part of quad	no slide			early Miocene
15083	Ferndale	737	4	Wildcat Coast sect	10-I	Ferndale 15'	Have strat	late Pliocene
15084	Ferndale	737	5	Wildcat Coast sect	10-I	Ferndale 15'	column and	late Pliocene
15085	Ferndale	737	6	Wildcat Coast sect	10-I	Ferndale 15'	form check	late Pliocene
15086	Ferndale	737	7	Wildcat Coast sect	10-I	Ferndale 15'	list	late Pliocene
15087	Ferndale	737	8	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15088	Ferndale	737	9	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15089	Ferndale	737	10	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15090	Ferndale	737	11	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15091	Ferndale	737	12	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15092	Ferndale	737	13	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15093	Ferndale	737	14	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15094	Ferndale	737	15	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15095	Ferndale	737	16	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15096	Ferndale	737	17	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15097	Ferndale	737	18	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
15098	Ferndale	737	19	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15099	Ferndale	737	20	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15100	Ferndale	737	21	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15101	Ferndale	737	22	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15102	Ferndale	737	23	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15103	Ferndale	737	24	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15104	Ferndale	737	25	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15105	Ferndale	737	26	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15106	Ferndale	737	27	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15107	Ferndale	737	28	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15108	Ferndale	737	28	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15109	Ferndale	737	30	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15110	Ferndale	737	31	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15111	Ferndale	737	32	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15112	Ferndale	737	33	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15113	Ferndale	737	34	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15114	Ferndale	737	35	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15115	Ferndale	737	36	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15116	Ferndale	737	37	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15117	Ferndale	737	38	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15118	Ferndale	737	39	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15119	Ferndale	737	40	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15120	Ferndale	737	41	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15121	Ferndale	737	42	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15122	Ferndale	737	43	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15123	Ferndale	737	44	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15124	Ferndale	737	45	Wildcat Coast sect	10-I	Ferndale 15'		late Pliocene
15125	Ferndale	737	46	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15126	Ferndale	737	47	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15127	Ferndale	737	48	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15128	Ferndale	737	49	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15129	Ferndale	737	50	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15130	Ferndale	737	51	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15131	Ferndale	737	52	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15132	Ferndale	737	53	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15133	Ferndale	737	54	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15134	Ferndale	737	55	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15135	Ferndale	737	56	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15136	Ferndale	737	57	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15137	Ferndale	737	58	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15138	Ferndale	737	59	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15139	Ferndale	737	60	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15140	Ferndale	737	61	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15141	Ferndale	737	62	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15142	Ferndale	737	63	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15143	Ferndale	737	64	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15144	Ferndale	737	65	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15145	Ferndale	737	66	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15146	Ferndale	737	67	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15147	Ferndale	737	68	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15148	Ferndale	737	69	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15149	Ferndale	737	70	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15150	Ferndale	737	71	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15151	Ferndale	737	72	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15152	Ferndale	737	73	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15153	Ferndale	737	74	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15154	Ferndale	737	75	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15155	Ferndale	737	76	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15156	Ferndale	737	77	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15157	Ferndale	737	78	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15158	Ferndale	737	79	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15159	Ferndale	737	80	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15160	Ferndale	737	81	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15161	Ferndale	737	82	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15162	Ferndale	737	83	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15163	Ferndale	737	84	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15164	Ferndale	737	85	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15165	Ferndale	737	86	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15166	Ferndale	737	87	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15167	Ferndale	737	88	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15168	Ferndale	737	89	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15169	Ferndale	737	90	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15170	Ferndale	737	91	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15171	Ferndale	737	92	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
15172	Ferndale	737	93	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15173	Ferndale	737	94	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15174	Ferndale	737	95	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15175	Ferndale	737	96	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15176	Ferndale	737	97	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15177	Ferndale	737	98	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15178	Ferndale	737	99	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15179	Ferndale	737	100	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15180	Ferndale	737	101	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15181	Ferndale	737	102	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15182	Ferndale	737	103	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15183	Ferndale	737	104	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15184	Ferndale	737	105	Wildcat Coast sect	10-J	Ferndale 15'		late Pliocene
15185	Ferndale	737	106	Wildcat Coast sect	10-K	Ferndale 15'		late Pliocene
15186	Ferndale	737	107	Wildcat Coast sect	10-K	Ferndale 15'		late Pliocene
15187	Ferndale	737	108	Wildcat Coast sect	10-K	Ferndale 15'		late Pliocene
15188	Ferndale	737	109	Wildcat Coast sect	10-K	Ferndale 15'		late Pliocene
15189	Ferndale	737	110	Wildcat Coast sect	10-K	Ferndale 15'		late Pliocene
15190	Ferndale	737	111	Wildcat Coast sect	10-K	Ferndale 15'		late Pliocene
15191	Ferndale	737	112	Wildcat Coast sect	10-K	Ferndale 15'		late Pliocene
15192	Ferndale	737	113	Wildcat Coast sect	10-K	Ferndale 15'		late Pliocene
15193	Ferndale	737	114	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15194	Ferndale	737	115	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15195	Ferndale	737	116	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15196	Ferndale	737	117	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15197	Ferndale	737	118	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15198	Ferndale	737	119	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15199	Ferndale	737	120	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15200	Ferndale	737	121	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15201	Ferndale	737	122	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15202	Ferndale	737	123	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15203	Ferndale	737	124	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15204	Ferndale	737	125	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15205	Ferndale	737	126	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15206	Ferndale	737	127	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15207	Ferndale	737	128	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15208	Ferndale	737	129	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15209	Ferndale	737	130	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15210	Ferndale	737	131	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15211	Ferndale	737	132	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15212	Ferndale	737	133	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15213	Ferndale	737	134	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15214	Ferndale	737	135	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15215	Ferndale	737	136	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15216	Ferndale	737	137	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15217	Ferndale	737	138	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15218	Ferndale	737	139	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15219	Ferndale	737	140	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15220	Ferndale	737	141	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15221	Ferndale	737	142	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15222	Ferndale	737	143	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15223	Ferndale	737	144	Wildcat Coast sect	10-K	Ferndale 15'		early Pliocene
15224	Big Basin	738	SLR1	San Lorenzo River	91-B	See strat column	36/8S/3W	Eocene
15225	Big Basin	738	SLR2	San Lorenzo River	91-B	filed lot #397	but not on map	Eocene
15226	Big Basin	738	SLR6	San Lorenzo River	91-B	25/8S/3W	See paleo file	Oligocene Zemorrian Stage
15227	Big Basin	738	SLR7	San Lorenzo River	91-B	25/8S/3W	for loc **397**.	Oligocene Zemorrian Stage
15228	Big Basin	738	SLR9	San Lorenzo River	91-B	25/8S/3W		Oligocene Zemorrian Stage
15229	Big Basin	738	SLR10	San Lorenzo River	91-B	25/8S/3W		Oligocene Zemorrian Stage
15230	Big Basin	738	SLR12	San Lorenzo River	91-B	25/8S/3W		Oligocene Zemorrian Stage
15231	Big Basin	738	SLR16	San Lorenzo River	91-B	25/8S/3W		Oligocene Zemorrian Stage
15232	Big Basin	738	SLR17	San Lorenzo River	91-B	25/8S/3W		Oligocene Zemorrian Stage
15233	Big Basin	738	SLR21	San Lorenzo River	91-B	25/8S/3W		Oligocene Zemorrian Stage
15234	Castle Rock Ridge	739	6	Kings Creek	91-B	strat column		Oligocene Zemorrian Stage
15235	Castle Rock Ridge	739	7	Kings Creek	91-B			Oligocene Zemorrian Stage
15236	Castle Rock Ridge	740	101	Hopkins gulch	91-A	S Cruz Mtns		Oligocene Zemorrian Stage
15237	Jamison Ridge	741	1	M Fork Eel River	130-F	Eden Valley 15'		Late Cretaceous G-1 Zone
15238	Jamison Ridge	741	2	M Fork Eel River	130-F	Eden Valley 15'		Late Cretaceous arenaceous foraminifers
15239	Jamison Ridge	741	3	M Fork Eel River	130-F	Eden Valley 15'		Late Cretaceous arenaceous foraminifers
15240	Jamison Ridge	741	4	M Fork Eel River	130-F	Eden Valley 15'		Late Cretaceous arenaceous foraminifers
15241	Jamison Ridge	741	5	M Fork Eel River	130-F	Eden Valley 15'		Late Cretaceous arenaceous foraminifers
15242	Jamison Ridge	741	6	M Fork Eel River	130-F	Eden Valley 15'		Late Cretaceous arenaceous foraminifers
15243	Jamison Ridge	741	10	M Fork Eel River	130-F	Eden Valley 15'		early Eocene
15244	Lower Lake	742	11	Clear Lake	123-E	Lower Lake 15'	age from map	Late Cretaceous G-1 Zone
15245	Middletown	742		NW part of quad	123-E	Lower Lake 15'	age from map	Late Cretaceous D-2 or E Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
15246	Elmira	743	2	Peabody Road	123-E	Vacaville 15'	Cannon anticl.	Late Cretaceous arenaceous foraminifers
15247	Elmira	743	3	Peabody Road	123-E	Vacaville 15'	Cannon anticl.	Late Cretaceous arenaceous foraminifers
15248	Elmira	743	4	Peabody Road	123-E	Vacaville 15'	Cannon anticl.	Late Cretaceous arenaceous foraminifers
15249	Elmira	743	5	Peabody Road	123-E	Vacaville 15'	Cannon anticl.	Late Cretaceous G-1 Zone
15250	Elmira	743	6	Peabody Road	123-E	Vacaville 15'	Cannon anticl.	Late Cretaceous arenaceous foraminifers
15251	Cuttings Wharf	744	9	W end Potrero Hill	no slide	trench	not on map	Late Cretaceous or Paleocene arenaceous forams
15252	Briones Valley	745	5	Muir Station	72-N	type Martinez		late Paleocene E Zone
15253	Briones Valley	745	6	Muir Station	72-N	type Martinez		late Paleocene E Zone
15254	Briones Valley	745	8	Muir Station	72-N	type Martinez		late Paleocene E Zone
15255	Benecia	746	3	within Benecia	123-E	Carquinez 15' Q	have map	Late Cretaceous or Paleocene
15256	Benecia	746	4	within Benecia	123-E	Carquinez 15' Q	have map	Late Cretaceous arenaceous foraminifers
15257	Benecia	746	5	within Benecia	123-E	Carquinez 15' Q	have map	Late Cretaceous arenaceous foraminifers
15258	Benecia	746	6	within Benecia	123-E	Carquinez 15' Q	have map	Late Cretaceous G-2 Zone
15259	Benecia	746	7	within Benecia	123-E	Carquinez 15' Q	have map	Late Cretaceous G-2 Zone
15260	Antioch South	747	1	Oil Canyon area	123-E	not on map	14/1N/1E	late Paleocene E Zone
15261	Antioch South	747	2	Oil Canyon area	123-E	not on map	14/1N/1E	late Paleocene E Zone
15262	Antioch South	747	3	Oil Canyon area	123-E	not on map	14/1N/1E	early Eocene
15263	Vine Hill	748	2	SPRR cut	123-E	Carquinez 15' Q		late Paleocene E Zone
15264	Logan Ridge	749	1	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15265	Logan Ridge	749	2	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15266	Logan Ridge	749	3	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15267	Logan Ridge	749	4	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15268	Logan Ridge	749	5	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous probably I Zone
15269	Logan Ridge	749	6	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H or I Zone
15270	Logan Ridge	749	7	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H or I Zone
15271	Logan Ridge	749	8	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H or I Zone
15272	Logan Ridge	749	9	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H or I Zone
15273	Logan Ridge	749	10	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H or I Zone
15274	Logan Ridge	749	11	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H or I Zone
15275	Logan Ridge	749	12	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H or I Zone
15276	Logan Ridge	749	13	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H or I Zone
15277	Logan Ridge	749	14	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H or I Zone
15278	Logan Ridge	749	15	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H or I Zone
15279	Logan Ridge	749	16	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H or I Zone
15280	Logan Ridge	749	17	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H or I Zone
15281	Logan Ridge	749	18	Hunters Creek	152-K	Lodoga 15'		Early Cretaceous J Zone
15282	Logan Ridge	749	19	Hunters Creek	152-K	Lodoga 15'		Early Cretaceous J Zone
15283	Logan Ridge	749	20	Hunters Creek	152-K	Lodoga 15'		Early Cretaceous J Zone
15284	Logan Ridge	749	21	Hunters Creek	152-K	Lodoga 15'		Early Cretaceous J Zone
15285	Logan Ridge	749	22	Hunters Creek	152-K	Lodoga 15'		Early Cretaceous J Zone
15286	Logan Ridge	749	23	Hunters Creek	152-K	Lodoga 15'		Early Cretaceous J Zone
15287	Logan Ridge	749	24	Hunters Creek	152-K	Lodoga 15'		Early Cretaceous J Zone
15288	Logan Ridge	749	25	Hunters Creek	152-K	Lodoga 15'		Early Cretaceous J Zone
15289	Logan Ridge	749	26	Hunters Creek	152-K	Lodoga 15'		Early Cretaceous J Zone
15290	Logan Ridge	749	27	Hunters Creek	152-K	Lodoga 15'		Early Cretaceous J Zone
15291	Logan Ridge	749	28	Hunters Creek	152-K	Lodoga 15'		Early Cretaceous J-1 Zone
15292	Logan Ridge	749	29	Hunters Creek	152-K	Lodoga 15'		Early Cretaceous J-1 Zone
15293	Logan Ridge	749	30	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J Zone
15294	Logan Ridge	749	31	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J Zone
15295	Logan Ridge	749	32	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J Zone
15296	Logan Ridge	749	33	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J Zone
15297	Logan Ridge	749	34	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J Zone
15298	Logan Ridge	749	35	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J Zone
15299	Logan Ridge	749	36	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J Zone
15300	Logan Ridge	749	37	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J-1 Zone
15301	Logan Ridge	749	38	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J-1 Zone
15302	Logan Ridge	749	39	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J Zone
15303	Logan Ridge	749	40	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J Zone
15304	Logan Ridge	749	41	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J Zone
15305	Logan Ridge	749	42	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J Zone
15306	Logan Ridge	749	43	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J Zone
15307	Logan Ridge	749	68	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15308	Logan Ridge	749	69	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15309	Logan Ridge	749	70	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15310	Logan Ridge	749	71	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15311	Logan Ridge	749	72	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15312	Logan Ridge	749	73	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15313	Logan Ridge	749	74	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15314	Logan Ridge	749	75	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15315	Logan Ridge	749	76	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15316	Logan Ridge	749	77	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15317	Logan Ridge	749	78	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15318	Logan Ridge	749	79	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15319	Logan Ridge	749	80	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
15320	Logan Ridge	749	81	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15321	Logan Ridge	749	82	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15322	Logan Ridge	749	83	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15323	Logan Ridge	749	84	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15324	Logan Ridge	749	85	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15325	Logan Ridge	749	86	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15326	Logan Ridge	749	87	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15327	Logan Ridge	749	88	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15328	Logan Ridge	749	89	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15329	Logan Ridge	749	90	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15330	Logan Ridge	749	91	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15331	Logan Ridge	749	92	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15332	Logan Ridge	749	93	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15333	Logan Ridge	749	94	Hunters Creek	152-K	Lodoga 15'		Late Cretaceous H Zone
15334	Logan Ridge	749	95	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H or I Zone
15335	Logan Ridge	749	96	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H or I Zone
15336	Logan Ridge	749	97	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H or I Zone
15337	Logan Ridge	749	98	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H or I Zone
15338	Logan Ridge	749	99	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H or I Zone
15339	Logan Ridge	749	100	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H or I Zone
15340	Logan Ridge	749	101	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H or I Zone
15341	Logan Ridge	749	102	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H or I Zone
15342	Logan Ridge	749	103A	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H or I Zone
15343	Logan Ridge	749	103B	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H or I Zone
15344	Logan Ridge	749	104	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H or I Zone
15345	Logan Ridge	749	105	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H or I Zone
15346	Logan Ridge	749	106	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H or I Zone
15347	Logan Ridge	749	107	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H or I Zone
15348	Logan Ridge	749	108	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H or I Zone
15349	Logan Ridge	749	109	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15350	Logan Ridge	749	110	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous I Zone
15351	Logan Ridge	749	111	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous I Zone
15352	Logan Ridge	749	112	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous I Zone
15353	Logan Ridge	749	113	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15354	Logan Ridge	749	114	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15355	Logan Ridge	749	115	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15356	Logan Ridge	749	116	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15357	Logan Ridge	749	117	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15358	Logan Ridge	749	118	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15359	Logan Ridge	749	119	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15360	Logan Ridge	749	120	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15361	Logan Ridge	749	121	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15362	Logan Ridge	749	122	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15363	Logan Ridge	749	123	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15364	Logan Ridge	749	124	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15365	Logan Ridge	749	125	Hunters Creek	152-M	Lodoga 15'		Early Cretaceous J-1 Zone
15366	Logan Ridge	749	126	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15367	Logan Ridge	749	127	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15368	Logan Ridge	749	128	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15369	Logan Ridge	749	129	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15370	Logan Ridge	749	130	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15371	Logan Ridge	749	131	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15372	Logan Ridge	749	132	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15373	Logan Ridge	749	133	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15374	Logan Ridge	749	134	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15375	Logan Ridge	749	135	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15376	Logan Ridge	749	136	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15377	Logan Ridge	749	137	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous H or I Zone
15378	Logan Ridge	749	138	Hunters Creek	152-M	Lodoga 15'		Early Cretaceous J-1 Zone
15379	Logan Ridge	749	143	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous I Zone
15380	Logan Ridge	749	144	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous I Zone
15381	Logan Ridge	749	145	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous I Zone
15382	Logan Ridge	749	146	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous I Zone
15383	Logan Ridge	749	147	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous I Zone
15384	Logan Ridge	749	148	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous I Zone
15385	Logan Ridge	749	149	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous I Zone
15386	Logan Ridge	749	150	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous I Zone
15387	Logan Ridge	749	151	Hunters Creek	152-M	Lodoga 15'		Late Cretaceous I Zone
15388	Logan Ridge	749	154	Hunters Creek	152-M	Lodoga 15'		Early or Late Cretaceous J or I Zone
15389	Logan Ridge	749	155	Hunters Creek	152-M	Lodoga 15'		Early or Late Cretaceous J or I Zone
15390	Logan Ridge	749	156	Hunters Creek	152-M	Lodoga 15'		Early or Late Cretaceous J or I Zone
15391	Logan Ridge	749	157	Hunters Creek	152-M	Lodoga 15'		Early or Late Cretaceous J or I Zone
15392	Logan Ridge	749	158	Hunters Creek	152-M	Lodoga 15'		Early or Late Cretaceous J or I Zone
15393	Logan Ridge	749	159	Hunters Creek	152-M	Lodoga 15'		Early or Late Cretaceous J or I Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
15394	Logan Ridge	749	160	Hunters Creek	152-M	Lodoga 15'		Early or Late Cretaceous J or I Zone
15395	Logan Ridge	749	161	Hunters Creek	152-M	Lodoga 15'		Early or Late Cretaceous J or I Zone
15396	Logan Ridge	749	162	Hunters Creek	152-M	Lodoga 15'		Early or Late Cretaceous J or I Zone
15397	Logan Ridge	749	163	Hunters Creek	152-N	Lodoga 15'		Early or Late Cretaceous J or I Zone
15398	Logan Ridge	749	164	Hunters Creek	152-N	Lodoga 15'		Early Cretaceous J-1 Zone
15399	Logan Ridge	749	165	Hunters Creek	152-N	Lodoga 15'		Early Cretaceous J-1 Zone
15400	Logan Ridge	749	166	Hunters Creek	152-N	Lodoga 15'		Early Cretaceous J-1 Zone
15401	Logan Ridge	749	167	Hunters Creek	152-N	Lodoga 15'		Early Cretaceous J-1 Zone
15402	Logan Ridge	749	168	Hunters Creek	152-N	Lodoga 15'		Early Cretaceous J-1 Zone
15403	Logan Ridge	749	169	Hunters Creek	152-N	Lodoga 15'		Early Cretaceous J-1 Zone
15404	Logan Ridge	749	170	Hunters Creek	152-N	Lodoga 15'		Early Cretaceous J-1 Zone
15405	Logan Ridge	749	171	Hunters Creek	152-N	Lodoga 15'		Early Cretaceous J-1 Zone
15406	Logan Ridge	749	172	Hunters Creek	152-N	Lodoga 15'		Early Cretaceous J-1 Zone
15407	Logan Ridge	749	173	Hunters Creek	152-N	Lodoga 15'		Early Cretaceous J-1 Zone
15408	Logan Ridge	749	174	Hunters Creek	152-N	Lodoga 15'		Early Cretaceous J-1 Zone
15409	Logan Ridge	749	175	Hunters Creek	152-N	Lodoga 15'		Early Cretaceous J-1 Zone
15410	Logan Ridge	749	176	Hunters Creek	152-N	Lodoga 15'		Early Cretaceous J-1 Zone
15411	Rail Canyon	749	45	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J Zone
15412	Rail Canyon	749	47	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J Zone
15413	Rail Canyon	749	47A	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J Zone
15414	Rail Canyon	749	48	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J Zone
15415	Rail Canyon	749	49	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J Zone
15416	Rail Canyon	749	50	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J Zone
15417	Rail Canyon	749	51	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous I Zone
15418	Rail Canyon	749	52	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous I Zone
15419	Rail Canyon	749	53	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H Zone
15420	Rail Canyon	749	54	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H Zone
15421	Rail Canyon	749	55	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H Zone
15422	Rail Canyon	749	56	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H Zone
15423	Rail Canyon	749	57	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H Zone
15424	Rail Canyon	749	58	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H Zone
15425	Rail Canyon	749	59	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H Zone
15426	Rail Canyon	749	60	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H Zone
15427	Rail Canyon	749	61	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H Zone
15428	Rail Canyon	749	62	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H Zone
15429	Rail Canyon	749	63	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H Zone
15430	Rail Canyon	749	64	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H Zone
15431	Rail Canyon	749	65	Hunters Creek	152-L	Lodoga 15'		Late Cretaceous H Zone
15432	Rail Canyon	749	66	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J-1 Zone
15433	Rail Canyon	749	67	Hunters Creek	152-L	Lodoga 15'		Early Cretaceous J-1 Zone
15434	Ono East	750	1	Cottonwood Creek	148-L	Ono 15'	30N/6-7W	probably Late Cretaceous
15435	Ono East	750	2	Cottonwood Creek	148-L	Ono 15'	strat column	probably Late Cretaceous
15436	Ono East	750	3	Cottonwood Creek	148-L	Ono 15'	only has a few	probably Late Cretaceous
15437	Ono East	750	4	Cottonwood Creek	148-L	Ono 15'	numbers. Have	probably Late Cretaceous
15438	Ono East	750	5	Cottonwood Creek	148-L	Ono 15'	check list and	probably Late Cretaceous
15439	Ono East	750	6	Cottonwood Creek	148-L	Ono 15'	geologic map	probably Late Cretaceous
15440	Ono East	750	7	Cottonwood Creek	148-L	Ono 15'		probably Late Cretaceous
15441	Ono East	750	8	Cottonwood Creek	148-L	Ono 15'		probably Late Cretaceous
15442	Ono East	750	10	Cottonwood Creek	148-L	Ono 15'		probably Late Cretaceous
15443	Ono East	750	11	Cottonwood Creek	148-L	Ono 15'		probably Late Cretaceous
15444	Ono East	750	12	Cottonwood Creek	148-L	Ono 15'		probably Late Cretaceous
15445	Ono East	750	14	Cottonwood Creek	148-L	Ono 15'		probably Late Cretaceous
15446	Ono East	750	15	Cottonwood Creek	148-M	Ono 15'		probably Late Cretaceous
15447	Ono East	750	16	Cottonwood Creek	148-M	Ono 15'		probably Late Cretaceous
15448	Ono East	750	17	Cottonwood Creek	148-M	Ono 15'		probably Late Cretaceous
15449	Ono East	750	18	Cottonwood Creek	148-M	Ono 15'		probably Late Cretaceous
15450	Ono East	750	19	Cottonwood Creek	148-M	Ono 15'		probably Late Cretaceous
15451	Ono East	750	20	Cottonwood Creek	148-M	Ono 15'		probably Late Cretaceous
15452	Ono East	750	22	Cottonwood Creek	148-M	Ono 15'		probably Late Cretaceous
15453	Ono East	750	23	Cottonwood Creek	148-M	Ono 15'		probably Late Cretaceous
15454	Ono East	750	24	Cottonwood Creek	148-M	Ono 15'		probably Late Cretaceous
15455	Ono East	750	25	Cottonwood Creek	148-M	Ono 15'		probably Late Cretaceous
15456	Ono East	750	26	Cottonwood Creek	148-M	Ono 15'		probably Late Cretaceous
15457	Ono East	750	27	Cottonwood Creek	148-M	Ono 15'		probably Late Cretaceous
15458	Ono East	750	41	Cottonwood Creek	148-M	Ono 15'		Early Cretaceous J-1 Zone
15459	Ono East	750	57	Cottonwood Creek	148-M	Ono 15'		Early Cretaceous K Zone
15460	Ono East	750	58	Cottonwood Creek	148-M	Ono 15'		Early Cretaceous K Zone
15461	Ono East	750	59	Cottonwood Creek	148-M	Ono 15'		Early Cretaceous K Zone
15462	Ono East	750	60	Cottonwood Creek	148-M	Ono 15'		Early Cretaceous K Zone
15463	Ono East	750	61	Cottonwood Creek	148-M	Ono 15'		Early Cretaceous K Zone
15464	Ono East	750	62	Cottonwood Creek	148-M	Ono 15'		Early Cretaceous K Zone
15465	Ono East	750	63	Cottonwood Creek	148-M	Ono 15'		Early Cretaceous K Zone
15466	Ono East	750	64	Cottonwood Creek	148-M	Ono 15'		Early Cretaceous K Zone
15467	Ono East	750	65	Cottonwood Creek	148-M	Ono 15'		Early Cretaceous K Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
15468	Ono East	750	66	Cottonwood Creek	148-M	Ono 15'		Early Cretaceous K Zone
15469	Ono East	750	67	Cottonwood Creek	148-M	Ono 15'		Early Cretaceous K Zone
15470	Ono East	750	68	Cottonwood Creek	148-M	Ono 15'		Early Cretaceous K Zone
15471	Ono East	750	69	Cottonwood Creek	148-M	Ono 15'		Early Cretaceous K Zone
15472	Ono East	750	70	Cottonwood Creek	148-M	Ono 15'		Early Cretaceous K Zone
15473	Ono East	750	71	Cottonwood Creek	148-M	Ono 15'		Early Cretaceous K Zone
15474	Ono East	750	72	Cottonwood Creek	148-M	Ono 15'	rests on	Early Cretaceous K Zone
15475	Ono East	750	73	Cottonwood Creek	148-M	Ono 15'	granite	Early Cretaceous K Zone
15476	Joaquin Rocks	761	P36	Salt Creek (NOM)	A-11	Joaquin Rocks 15'	see loc # 770	Eocene
15477	Panther Springs	762	1	Antelope Creek	149-F			Late Cretaceous G-1 Zone
15478	Panther Springs	762	2	Antelope Creek	149-F			Late Cretaceous G-1 Zone
15479	Fruto	763	1	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot hl	Late Cretaceous H Zone
15480	Fruto	763	2	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot hl	Early Cretaceous J-1 Zone
15481	Fruto	763	3	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot hl	Early Cretaceous J-1 Zone
15482	Fruto	763	5	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot hl	Early Cretaceous J-1 Zone
15483	Stone Valley	763	8	Nye Ck RR Grade	152-D	Fruto 15'	Humble seismic	Early Cretaceous J-1 Zone
15484	Stone Valley	763	9	Nye Ck RR Grade	152-D	Fruto 15'	holes	Early Cretaceous J-1 Zone
15485	Stone Valley	763	10	Nye Ck RR Grade	152-D	Fruto 15'		Early Cretaceous J-1 Zone
15486	Stone Valley	763	11	Nye Ck RR Grade	152-D	Fruto 15'		Early Cretaceous J-1 Zone
15487	Stone Valley	763	12	Nye Ck RR Grade	152-D	Fruto 15'		Early Cretaceous J-1 Zone
15488	Stone Valley	763	22	Nye Ck RR Grade	152-D	Fruto 15'		Early Cretaceous J-1 Zone
15489	Stone Valley	763	29	Nye Ck RR Grade	152-D	Fruto 15'		Late Cretaceous I Zone
15490	Stone Valley	763	31	Nye Ck RR Grade	152-D	Fruto 15'		Late Cretaceous H Zone
15491	Stone Valley	763	34	Nye Ck RR Grade	152-D	Fruto 15'		Late Cretaceous H Zone
15492	Stone Valley	763	35	Nye Ck RR Grade	152-D	Fruto 15'		Late Cretaceous H Zone
15493	Stone Valley	763	39	Nye Ck RR Grade	152-D	Fruto 15'		Late Cretaceous arenaceous foraminifers
15494	Stone Valley	763	40	Nye Ck RR Grade	152-D	Fruto 15'		Late Cretaceous H Zone
15495	Elk Creek	764	439	EC part of quad	153-H	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15496	Elk Creek	764	440	EC part of quad	153-H	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15497	Elk Creek	764	441	EC part of quad	153-H	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15498	Elk Creek	764	442	EC part of quad	153-H	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15499	Elk Creek	764	443	EC part of quad	153-H	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15500	Elk Creek	764	444	EC part of quad	153-H	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15501	Elk Creek	764	445	EC part of quad	153-H	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15502	Elk Creek	764	446	EC part of quad	153-H	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15503	Elk Creek	764	447	EC part of quad	153-H	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15504	Elk Creek	764	448	EC part of quad	153-H	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15505	Elk Creek	764	449	EC part of quad	153-H	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15506	Elk Creek	764	450	EC part of quad	153-H	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15507	Elk Creek	764	451	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15508	Elk Creek	764	452	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15509	Elk Creek	764	453	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15510	Elk Creek	764	454	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15511	Elk Creek	764	455	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15512	Elk Creek	764	456	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15513	Elk Creek	764	457	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15514	Elk Creek	764	458	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15515	Elk Creek	764	460	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15516	Elk Creek	764	461	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15517	Elk Creek	764	462	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15518	Elk Creek	764	464	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15519	Elk Creek	764	465	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15520	Elk Creek	764	466	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15521	Elk Creek	764	467	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15522	Elk Creek	764	468	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15523	Elk Creek	764	469	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15524	Elk Creek	764	470	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15525	Elk Creek	764	471	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15526	Elk Creek	764	472	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15527	Elk Creek	764	473	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15528	Elk Creek	764	474	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15529	Elk Creek	764	475	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15530	Elk Creek	764	476	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15531	Elk Creek	764	477	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15532	Elk Creek	764	478	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15533	Elk Creek	764	479	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15534	Elk Creek	764	480	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15535	Elk Creek	764	481	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15536	Elk Creek	764	482	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15537	Elk Creek	764	483	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15538	Elk Creek	764	484	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15539	Elk Creek	764	485	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15540	Elk Creek	764	486	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15541	Elk Creek	764	487	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
15542	Elk Creek	764	488	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15543	Elk Creek	764	489	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15544	Elk Creek	764	490	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15545	Elk Creek	764	491	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15546	Elk Creek	764	492	EC part of quad	153-I	Elk Creek 15'	strat column	Early Cretaceous J-2 Zone
15547	Fruto	764	3	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15548	Fruto	764	4	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15549	Fruto	764	5	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15550	Fruto	764	6	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15551	Fruto	764	7	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15552	Fruto	764	8	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15553	Fruto	764	9	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15554	Fruto	764	10	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15555	Fruto	764	11	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15556	Fruto	764	12	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15557	Fruto	764	13	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15558	Fruto	764	14	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15559	Fruto	764	15	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15560	Fruto	764	16	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15561	Fruto	764	17	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15562	Fruto	764	18	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15563	Fruto	764	19	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15564	Fruto	764	20	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15565	Fruto	764	21	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15566	Fruto	764	22	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15567	Fruto	764	23	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15568	Fruto	764	24	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15569	Fruto	764	25	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15570	Fruto	764	26	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15571	Fruto	764	27	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15572	Fruto	764	28	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15573	Fruto	764	29	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15574	Fruto	764	30	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15575	Fruto	764	31	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15576	Fruto	764	32	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15577	Fruto	764	33	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15578	Fruto	764	34	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15579	Fruto	764	35	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15580	Fruto	764	36	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15581	Fruto	764	37	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15582	Fruto	764	38	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15583	Fruto	764	39	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15584	Fruto	764	40	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15585	Fruto	764	41	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15586	Fruto	764	42	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15587	Fruto	764	43	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15588	Fruto	764	44	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15589	Fruto	764	45	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15590	Fruto	764	46	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15591	Fruto	764	47	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15592	Fruto	764	48	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15593	Fruto	764	49	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15594	Fruto	764	50	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15595	Fruto	764	51	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15596	Fruto	764	52	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15597	Fruto	764	53	Nye Creek	153-A	Fruto 15'	strat column	Late Cretaceous H Zone
15598	Fruto	764	54	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15599	Fruto	764	55	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15600	Fruto	764	56	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15601	Fruto	764	58	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15602	Fruto	764	59	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15603	Fruto	764	60	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15604	Fruto	764	61	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15605	Fruto	764	62	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15606	Fruto	764	63	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15607	Fruto	764	64	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15608	Fruto	764	65	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15609	Fruto	764	67	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15610	Fruto	764	68	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15611	Fruto	764	69	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15612	Fruto	764	70	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15613	Fruto	764	71	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15614	Fruto	764	72	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15615	Fruto	764	73	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
15616	Fruto	764	74	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15617	Fruto	764	75	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15618	Fruto	764	76	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15619	Fruto	764	77	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15620	Fruto	764	78	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15621	Fruto	764	79	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15622	Fruto	764	80	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15623	Fruto	764	81	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15624	Fruto	764	82	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15625	Fruto	764	83	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15626	Fruto	764	84	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15627	Fruto	764	85	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15628	Fruto	764	86	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15629	Fruto	764	87	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15630	Fruto	764	88	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15631	Fruto	764	89	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15632	Fruto	764	91	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15633	Fruto	764	92	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15634	Fruto	764	93	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15635	Fruto	764	94	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15636	Fruto	764	95	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15637	Fruto	764	96	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15638	Fruto	764	97	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15639	Fruto	764	98	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15640	Fruto	764	99A	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15641	Fruto	764	99B	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15642	Fruto	764	100	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15643	Fruto	764	101	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15644	Fruto	764	103	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15645	Fruto	764	104	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15646	Fruto	764	105	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15647	Fruto	764	106	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15648	Fruto	764	107	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15649	Fruto	764	108	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15650	Fruto	764	109	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15651	Fruto	764	110	Nye Creek	153-B	Fruto 15'	strat column	Late Cretaceous H Zone
15652	Fruto	764	111	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous H Zone
15653	Fruto	764	112	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous H Zone
15654	Fruto	764	113	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous H Zone
15655	Fruto	764	114	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous H Zone
15656	Fruto	764	115	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous H Zone
15657	Fruto	764	116	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous H Zone
15658	Fruto	764	117	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous H Zone
15659	Fruto	764	118	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous H Zone
15660	Fruto	764	119	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous H Zone
15661	Fruto	764	120	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous H Zone
15662	Fruto	764	121	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous H Zone
15663	Fruto	764	122	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous H Zone
15664	Fruto	764	123	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous H Zone
15665	Fruto	764	124	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous H Zone
15666	Fruto	764	125	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous H Zone
15667	Fruto	764	126	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous H Zone
15668	Fruto	764	127	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15669	Fruto	764	128	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15670	Fruto	764	129	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15671	Fruto	764	130	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15672	Fruto	764	131	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15673	Fruto	764	132	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15674	Fruto	764	133	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15675	Fruto	764	134	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15676	Fruto	764	135	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15677	Fruto	764	136	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15678	Fruto	764	137	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15679	Fruto	764	138	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15680	Fruto	764	139	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15681	Fruto	764	140	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15682	Fruto	764	141	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15683	Fruto	764	142	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15684	Fruto	764	143	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15685	Fruto	764	144	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15686	Fruto	764	145	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15687	Fruto	764	146	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15688	Fruto	764	147	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15689	Fruto	764	148	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
15690	Fruto	764	149	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15691	Fruto	764	150	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15692	Fruto	764	151	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15693	Fruto	764	152	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15694	Fruto	764	153	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15695	Fruto	764	154	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15696	Fruto	764	155	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15697	Fruto	764	156	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15698	Fruto	764	157	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15699	Fruto	764	158	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15700	Fruto	764	159	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15701	Fruto	764	160	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15702	Fruto	764	161	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15703	Fruto	764	162	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15704	Fruto	764	164	Nye Creek	153-C	Fruto 15'	strat column	Late Cretaceous I Zone
15705	Fruto	764	168	Nye Creek	153-D	Fruto 15'	strat column	Late Cretaceous I Zone
15706	Fruto	764	169	Nye Creek	153-D	Fruto 15'	strat column	Late Cretaceous I Zone
15707	Fruto	764	170	Nye Creek	153-D	Fruto 15'	strat column	Late Cretaceous I Zone
15708	Fruto	764	171	Nye Creek	153-D	Fruto 15'	strat column	Late Cretaceous I Zone
15709	Fruto	764	172	Nye Creek	153-D	Fruto 15'	strat column	Late Cretaceous I Zone
15710	Fruto	764	173	Nye Creek	153-D	Fruto 15'	strat column	Late Cretaceous I Zone
15711	Fruto	764	174	Nye Creek	153-D	Fruto 15'	strat column	Late Cretaceous I Zone
15712	Fruto	764	175	Nye Creek	153-D	Fruto 15'	strat column	Late Cretaceous I Zone
15713	Fruto	764	176	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15714	Fruto	764	176A	Nye Creek	153-K	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15715	Fruto	764	176B	Nye Creek	153-K	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15716	Fruto	764	177	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15717	Fruto	764	178	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15718	Fruto	764	179A	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15719	Fruto	764	179B	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15720	Fruto	764	180	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15721	Fruto	764	181	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15722	Fruto	764	182	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15723	Fruto	764	183	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15724	Fruto	764	184	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15725	Fruto	764	185	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15726	Fruto	764	186	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15727	Fruto	764	210	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15728	Fruto	764	211	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15729	Fruto	764	212	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15730	Fruto	764	213	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15731	Fruto	764	214	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15732	Fruto	764	215	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15733	Fruto	764	216	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15734	Fruto	764	217	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15735	Fruto	764	218	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15736	Fruto	764	219	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15737	Fruto	764	220	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15738	Fruto	764	221	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15739	Fruto	764	222	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15740	Fruto	764	223	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15741	Fruto	764	224	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15742	Fruto	764	225	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15743	Fruto	764	226	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15744	Fruto	764	227	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15745	Fruto	764	228	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15746	Fruto	764	229	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15747	Fruto	764	230	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15748	Fruto	764	231	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15749	Fruto	764	232	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15750	Fruto	764	233	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15751	Fruto	764	234	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15752	Fruto	764	235	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15753	Fruto	764	236	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15754	Fruto	764	237	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15755	Fruto	764	238	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15756	Fruto	764	239	Nye Creek	153-D	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15757	Fruto	764	240	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15758	Fruto	764	241	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15759	Fruto	764	242	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15760	Fruto	764	243	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15761	Fruto	764	244	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15762	Fruto	764	245	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15763	Fruto	764	246	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
15764	Fruto	764	247	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15765	Fruto	764	248	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15766	Fruto	764	249	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15767	Fruto	764	250	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15768	Fruto	764	251	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15769	Fruto	764	252	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15770	Fruto	764	253	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15771	Fruto	764	254	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15772	Fruto	764	255	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15773	Fruto	764	256	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15774	Fruto	764	257	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15775	Fruto	764	258	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15776	Fruto	764	258	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15777	Fruto	764	260	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15778	Fruto	764	261	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15779	Fruto	764	262	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15780	Fruto	764	263	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15781	Fruto	764	264	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15782	Fruto	764	265	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15783	Fruto	764	266	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15784	Fruto	764	267	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15785	Fruto	764	268	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15786	Fruto	764	269	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15787	Fruto	764	270	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15788	Fruto	764	271	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15789	Fruto	764	272	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15790	Fruto	764	273	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15791	Fruto	764	274	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15792	Fruto	764	275	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15793	Fruto	764	276	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15794	Fruto	764	277	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15795	Fruto	764	278	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15796	Fruto	764	279	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15797	Fruto	764	280	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15798	Fruto	764	281	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15799	Fruto	764	282	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15800	Fruto	764	283	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15801	Fruto	764	284	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15802	Fruto	764	285	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15803	Fruto	764	286	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15804	Fruto	764	287	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15805	Fruto	764	288	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15806	Fruto	764	289	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15807	Fruto	764	290	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15808	Fruto	764	291	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15809	Fruto	764	292	Nye Creek	153-E	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15810	Fruto	764	293	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15811	Fruto	764	294	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15812	Fruto	764	295	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15813	Fruto	764	296	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15814	Fruto	764	297	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15815	Fruto	764	298	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15816	Fruto	764	299	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15817	Fruto	764	300	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15818	Fruto	764	301	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15819	Fruto	764	302	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15820	Fruto	764	303	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15821	Fruto	764	304	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15822	Fruto	764	305	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15823	Fruto	764	306	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15824	Fruto	764	308A	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15825	Fruto	764	308B	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15826	Fruto	764	309	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15827	Fruto	764	310	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15828	Fruto	764	311	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15829	Fruto	764	312	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15830	Fruto	764	313	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15831	Fruto	764	314	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15832	Fruto	764	315	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15833	Fruto	764	316	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15834	Fruto	764	317	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15835	Fruto	764	318	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15836	Fruto	764	319	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15837	Fruto	764	320	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
15838	Fruto	764	321	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15839	Fruto	764	322	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15840	Fruto	764	323	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15841	Fruto	764	324	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15842	Fruto	764	325	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15843	Fruto	764	326	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15844	Fruto	764	327	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15845	Fruto	764	328	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15846	Fruto	764	329	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15847	Fruto	764	340	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15848	Fruto	764	341	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15849	Fruto	764	342	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15850	Fruto	764	343	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15851	Fruto	764	344	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15852	Fruto	764	345	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15853	Fruto	764	346	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15854	Fruto	764	347	Nye Creek	153-F	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15855	Fruto	764	348	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15856	Fruto	764	349	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15857	Fruto	764	350	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15858	Fruto	764	351	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15859	Fruto	764	352	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15860	Fruto	764	353	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15861	Fruto	764	354	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15862	Fruto	764	355	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15863	Fruto	764	356	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15864	Fruto	764	357	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15865	Fruto	764	358	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15866	Fruto	764	359	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15867	Fruto	764	360	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15868	Fruto	764	361	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15869	Fruto	764	362	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15870	Fruto	764	363	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15871	Fruto	764	364	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15872	Fruto	764	365	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15873	Fruto	764	366	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15874	Fruto	764	367	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15875	Fruto	764	368	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15876	Fruto	764	369	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15877	Fruto	764	370	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15878	Fruto	764	371	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15879	Fruto	764	371	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15880	Fruto	764	373	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15881	Fruto	764	374	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15882	Fruto	764	375	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15883	Fruto	764	376	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15884	Fruto	764	377	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15885	Fruto	764	378	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15886	Fruto	764	379	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15887	Fruto	764	380	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15888	Fruto	764	381	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15889	Fruto	764	382	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15890	Fruto	764	383	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15891	Fruto	764	384	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15892	Fruto	764	385	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15893	Fruto	764	386	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15894	Fruto	764	387	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15895	Fruto	764	388	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15896	Fruto	764	389	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15897	Fruto	764	390	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15898	Fruto	764	391	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15899	Fruto	764	392	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15900	Fruto	764	393	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15901	Fruto	764	394A	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15902	Fruto	764	394B	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15903	Fruto	764	395	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15904	Fruto	764	396A	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15905	Fruto	764	396B	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15906	Fruto	764	397	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15907	Fruto	764	398	Nye Creek	153-G	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15908	Fruto	764	399	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15909	Fruto	764	400	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15910	Fruto	764	401	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15911	Fruto	764	402	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
15912	Fruto	764	403	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15913	Fruto	764	404	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15914	Fruto	764	405	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15915	Fruto	764	406	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15916	Fruto	764	407	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15917	Fruto	764	408	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15918	Fruto	764	410	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15919	Fruto	764	411	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15920	Fruto	764	412	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15921	Fruto	764	413	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15922	Fruto	764	414	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15923	Fruto	764	415	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15924	Fruto	764	416	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15925	Fruto	764	417	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15926	Fruto	764	418	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15927	Fruto	764	419	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15928	Fruto	764	420	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15929	Fruto	764	421	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15930	Fruto	764	422	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15931	Fruto	764	423	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15932	Fruto	764	424	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15933	Fruto	764	425A	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15934	Fruto	764	425B	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15935	Fruto	764	426	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15936	Fruto	764	427	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15937	Fruto	764	428	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15938	Fruto	764	429	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15939	Fruto	764	430	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15940	Fruto	764	431	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15941	Fruto	764	432	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15942	Fruto	764	433	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15943	Fruto	764	434	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15944	Fruto	764	435	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15945	Fruto	764	436	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15946	Fruto	764	437	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15947	Fruto	764	438	Nye Creek	153-H	Fruto 15'	strat column	Early Cretaceous J-2 Zone
15948	Fruto	764	500	Nye Creek	153-I	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15949	Fruto	764	501	Nye Creek	153-I	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15950	Fruto	764	502	Nye Creek	153-I	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15951	Fruto	764	506	Nye Creek	153-I	Fruto 15'	strat column	Late Cretaceous H Zone
15952	Fruto	764	507	Nye Creek	153-I	Fruto 15'	strat column	Late Cretaceous H Zone
15953	Fruto	764	508	Nye Creek	153-I	Fruto 15'	strat column	Late Cretaceous H Zone
15954	Fruto	764	509	Nye Creek	153-I	Fruto 15'	strat column	Late Cretaceous H Zone
15955	Fruto	764	510	Nye Creek	153-J	Fruto 15'	strat column	Late Cretaceous H Zone
15956	Fruto	764	511	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15957	Fruto	764	512	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15958	Fruto	764	513	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15959	Fruto	764	514	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15960	Fruto	764	515	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15961	Fruto	764	523	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15962	Fruto	764	524	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15963	Fruto	764	525	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15964	Fruto	764	526	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15965	Fruto	764	527	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15966	Fruto	764	528	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15967	Fruto	764	529	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15968	Fruto	764	532	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15969	Fruto	764	533	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15970	Fruto	764	536	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15971	Fruto	764	537	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15972	Fruto	764	538	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15973	Fruto	764	539	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15974	Fruto	764	540	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15975	Fruto	764	541	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15977	Fruto	764	543	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15978	Fruto	764	544	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15979	Fruto	764	545	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15980	Fruto	764	546	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15981	Fruto	764	547	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15982	Fruto	764	554	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15983	Fruto	764	555	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15984	Fruto	764	556	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15985	Fruto	764	557	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15986	Fruto	764	558	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
15987	Fruto	764	559	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15988	Fruto	764	560	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15989	Fruto	764	561	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15990	Fruto	764	562	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15991	Fruto	764	563	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15992	Fruto	764	564	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15993	Fruto	764	565	Nye Creek	153-J	Fruto 15'	strat column	Early Cretaceous J-1 Zone
15994	Logan Ridge	765	1	Logan Creek	152-C	Lodoga 15'		probably Late Cretaceous H Zone
15995	Logan Ridge	765	3	Logan Creek	152-C	Lodoga 15'		Early Cretaceous J-1 Zone
15996	Logan Ridge	765	4	Logan Creek	152-C	Lodoga 15'		Early Cretaceous J-1 Zone
15997	Logan Ridge	765	5	Logan Creek	152-C	Lodoga 15'		Early Cretaceous J-1 Zone
15998	Rail Canyon	766	1	West Logan Creek	153-K	Lodoga 15'	see also	probably Late Cretaceous H Zone
15999	Rail Canyon	766	2	West Logan Creek	153-K	Lodoga 15'	locality 265	probably Late Cretaceous H Zone
16000	Rail Canyon	766	3	West Logan Creek	153-K	Lodoga 15'		probably Late Cretaceous H Zone
16001	Rail Canyon	766	4	West Logan Creek	153-K	Lodoga 15'		probably Late Cretaceous H Zone
16002	Rail Canyon	766	5	West Logan Creek	153-K	Lodoga 15'		probably Late Cretaceous H Zone
16003	Rail Canyon	766	6	West Logan Creek	153-K	Lodoga 15'		probably Late Cretaceous H Zone
16004	Rail Canyon	766	7	West Logan Creek	153-K	Lodoga 15'		probably Late Cretaceous H Zone
16005	Rail Canyon	766	8	West Logan Creek	153-K	Lodoga 15'		probably Late Cretaceous H Zone
16006	Rail Canyon	766	9	West Logan Creek	153-K	Lodoga 15'		probably Late Cretaceous H Zone
16007	Rail Canyon	766	10	West Logan Creek	153-K	Lodoga 15'		probably Late Cretaceous H Zone
16008	Rail Canyon	766	11	West Logan Creek	153-K	Lodoga 15'		probably Late Cretaceous H Zone
16009	Rail Canyon	766	12	West Logan Creek	153-K	Lodoga 15'		Early Cretaceous J-1 Zone
16010	Rail Canyon	766	13	West Logan Creek	153-K	Lodoga 15'		Early Cretaceous J-1 Zone
16011	Rail Canyon	766	14	West Logan Creek	153-K	Lodoga 15'		Early Cretaceous J-1 Zone
16012	Rail Canyon	766	15	West Logan Creek	153-K	Lodoga 15'		Early Cretaceous J-1 Zone
16013	Rail Canyon	766	16	West Logan Creek	153-K	Lodoga 15'		Early Cretaceous J-1 Zone
16014	Rail Canyon	766	17	West Logan Creek	153-K	Lodoga 15'		Late Cretaceous I Zone
16015	Rail Canyon	766	18	West Logan Creek	153-K	Lodoga 15'		Late Cretaceous I Zone
16016	Rail Canyon	766	19	West Logan Creek	153-K	Lodoga 15'		Late Cretaceous I Zone
16017	Rail Canyon	766	25	West Logan Creek	153-K	Lodoga 15'		Early Cretaceous J-1 Zone
16018	Rail Canyon	766	26	West Logan Creek	153-K	Lodoga 15'		Early Cretaceous J-1 Zone
16019	Rail Canyon	766	32	West Logan Creek	153-K	Lodoga 15'		Early Cretaceous J-1 Zone
16020	Rail Canyon	766	42	West Logan Creek	153-K	Lodoga 15'		Early Cretaceous J-1 Zone
16021	Rail Canyon	766	43	West Logan Creek	153-K	Lodoga 15'		Early Cretaceous J-1 Zone
16022	Rail Canyon	766	44	West Logan Creek	153-K	Lodoga 15'		Early Cretaceous J-1 Zone
16023	Rail Canyon	766	45	West Logan Creek	153-K	Lodoga 15'		Early Cretaceous J-1 Zone
16024	Rail Canyon	766	46	West Logan Creek	153-K	Lodoga 15'		Early Cretaceous J-1 Zone
16025	Rail Canyon	766	47	West Logan Creek	153-K	Lodoga 15'		Early Cretaceous J-1 Zone
16026	Rail Canyon	766	48	West Logan Creek	153-K	Lodoga 15'		Early Cretaceous J-1 Zone
16027	Rail Canyon	766	49	West Logan Creek	153-K	Lodoga 15'		Early Cretaceous J-1 Zone
16028	Rail Canyon	766	50	West Logan Creek	153-K	Lodoga 15'		Early Cretaceous J-1 Zone
16029	Rail Canyon	766	51	West Logan Creek	153-K	Lodoga 15'		Early Cretaceous J-1 Zone
16030	Rail Canyon	766	52	West Logan Creek	153-K	Lodoga 15'		Early Cretaceous J-2 Zone
16031	Rail Canyon	766	53	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-1 Zone
16032	Rail Canyon	766	54	West Logan Creek	153-L	Lodoga 15'		probably Early Cretaceous J-1 Zone
16033	Rail Canyon	766	55	West Logan Creek	153-L	Lodoga 15'		probably Early Cretaceous J-1 Zone
16034	Rail Canyon	766	56	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-1 Zone
16035	Rail Canyon	766	59	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-1 Zone
16036	Rail Canyon	766	61	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-2 Zone
16037	Rail Canyon	766	62	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-2 Zone
16038	Rail Canyon	766	63	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-2 Zone
16039	Rail Canyon	766	64	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-2 Zone
16040	Rail Canyon	766	65	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-2 Zone
16041	Rail Canyon	766	66	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-2 Zone
16042	Rail Canyon	766	67	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-2 Zone
16043	Rail Canyon	766	68	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-2 Zone
16044	Rail Canyon	766	69	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-2 Zone
16045	Rail Canyon	766	70	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-2 Zone
16046	Rail Canyon	766	71	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-2 Zone
16047	Rail Canyon	766	72	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-2 Zone
16048	Rail Canyon	766	73	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-2 Zone
16049	Rail Canyon	766	74	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-2 Zone
16050	Rail Canyon	766	75	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-2 Zone
16051	Rail Canyon	766	76	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-2 Zone
16052	Rail Canyon	766	77	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-2 Zone
16053	Rail Canyon	766	79	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-2 Zone
16054	Rail Canyon	766	80	West Logan Creek	153-L	Lodoga 15'		Early Cretaceous J-2 Zone
16055	Rail Canyon	766	81	West Logan Creek	153-L	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16056	Rail Canyon	766	82	West Logan Creek	153-L	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16057	Rail Canyon	766	83	West Logan Creek	153-L	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16058	Rail Canyon	766	84	West Logan Creek	153-L	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16059	Rail Canyon	766	85	West Logan Creek	153-L	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16060	Rail Canyon	766	86	West Logan Creek	153-L	Lodoga 15'		possibly Early Cretaceous J-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
16061	Rail Canyon	766	87	West Logan Creek	153-L	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16062	Rail Canyon	766	88	West Logan Creek	153-L	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16063	Rail Canyon	766	89	West Logan Creek	153-L	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16064	Rail Canyon	766	90	West Logan Creek	153-L	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16065	Rail Canyon	766	91	West Logan Creek	153-L	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16066	Rail Canyon	766	91	West Logan Creek	153-L	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16067	Rail Canyon	766	93	West Logan Creek	153-L	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16068	Rail Canyon	766	94	West Logan Creek	153-L	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16069	Rail Canyon	766	95	West Logan Creek	153-L	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16070	Rail Canyon	766	96	West Logan Creek	153-L	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16071	Rail Canyon	766	97	West Logan Creek	153-L	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16072	Rail Canyon	766	98	West Logan Creek	153-L	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16073	Rail Canyon	766	99	West Logan Creek	153-L	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16074	Rail Canyon	766	100	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16075	Rail Canyon	766	101	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16076	Rail Canyon	766	102	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16077	Rail Canyon	766	103	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16078	Rail Canyon	766	104	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16079	Rail Canyon	766	105	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16080	Rail Canyon	766	106	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16081	Rail Canyon	766	107	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16082	Rail Canyon	766	108	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16083	Rail Canyon	766	109	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16084	Rail Canyon	766	110	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16085	Rail Canyon	766	111	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16086	Rail Canyon	766	112	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16087	Rail Canyon	766	113	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16088	Rail Canyon	766	114	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16089	Rail Canyon	766	115	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16090	Rail Canyon	766	116	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16091	Rail Canyon	766	117	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16092	Rail Canyon	766	118	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16093	Rail Canyon	766	119	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16094	Rail Canyon	766	120	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16095	Rail Canyon	766	121	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16096	Rail Canyon	766	122	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16097	Rail Canyon	766	123	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16098	Rail Canyon	766	124	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16099	Rail Canyon	766	125	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16100	Rail Canyon	766	126	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16101	Rail Canyon	766	127	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16102	Rail Canyon	766	128	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16103	Rail Canyon	766	129	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16104	Rail Canyon	766	130	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16105	Rail Canyon	766	131	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16106	Rail Canyon	766	1342	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16107	Rail Canyon	766	133	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16108	Rail Canyon	766	134	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16109	Rail Canyon	766	135	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16110	Rail Canyon	766	136	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16111	Rail Canyon	766	137	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16112	Rail Canyon	766	138	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16113	Rail Canyon	766	139	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16114	Rail Canyon	766	140	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16115	Rail Canyon	766	141	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16116	Rail Canyon	766	142	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16117	Rail Canyon	766	143	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16118	Rail Canyon	766	144	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16119	Rail Canyon	766	145	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16120	Rail Canyon	766	146	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16121	Rail Canyon	766	147	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16122	Rail Canyon	766	148	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16123	Rail Canyon	766	149	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16124	Rail Canyon	766	150	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16125	Rail Canyon	766	151	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16126	Rail Canyon	766	152	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16127	Rail Canyon	766	153	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16128	Rail Canyon	766	154	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16129	Rail Canyon	766	155	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16130	Rail Canyon	766	158	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16131	Rail Canyon	766	159	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16132	Rail Canyon	766	160	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16133	Rail Canyon	766	161	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16134	Rail Canyon	766	162	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
16135	Rail Canyon	766	163	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16136	Rail Canyon	766	164	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16137	Rail Canyon	766	165	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16138	Rail Canyon	766	165	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16139	Rail Canyon	766	167	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16140	Rail Canyon	766	168	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16141	Rail Canyon	766	169	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16142	Rail Canyon	766	170	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16143	Rail Canyon	766	171	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16144	Rail Canyon	766	172	West Logan Creek	153-M	Lodoga 15'		possibly Early Cretaceous J-2 Zone
16145	Rail Canyon	766	173	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous K Zone
16146	Rail Canyon	766	174	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous K Zone
16147	Rail Canyon	766	175	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous K Zone
16148	Rail Canyon	766	176	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16149	Rail Canyon	766	177	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16150	Rail Canyon	766	178	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16151	Rail Canyon	766	179	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16152	Rail Canyon	766	180	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16153	Rail Canyon	766	182	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16154	Rail Canyon	766	182	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16155	Rail Canyon	766	183	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16156	Rail Canyon	766	184	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16157	Rail Canyon	766	185	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16158	Rail Canyon	766	186	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16159	Rail Canyon	766	187	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16160	Rail Canyon	766	188	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16161	Rail Canyon	766	189	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16162	Rail Canyon	766	190	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16163	Rail Canyon	766	191	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16164	Rail Canyon	766	192	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16165	Rail Canyon	766	193	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16166	Rail Canyon	766	194	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16167	Rail Canyon	766	195	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16168	Rail Canyon	766	196	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16169	Rail Canyon	766	197	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16170	Rail Canyon	766	198	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16171	Rail Canyon	766	199	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16172	Rail Canyon	766	200	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16173	Rail Canyon	766	201	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16174	Rail Canyon	766	202	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16175	Rail Canyon	766	203	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16176	Rail Canyon	766	204	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16177	Rail Canyon	766	205	West Logan Creek	153-M	Lodoga 15'		Early Cretaceous L Zone
16178	Sites	767	4	SW of Sites	152-C	Lodoga 15'		Early Cretaceous J-1 Zone
16179	Sites	767	16	SW of Sites	152-C	Lodoga 15'		Early Cretaceous J-1 Zone
16180	Sites	768	17	SW of Sites	152-C	Lodoga 15'		Early Cretaceous J-1 Zone
16181	Sites	768	18	SW of Sites	152-C	Lodoga 15'		Early Cretaceous J-1 Zone
16182	Sites	768	19	SW of Sites	152-C	Lodoga 15'		Early Cretaceous J-1 Zone
16183	Bella Vista	770	3	vic Bella Vista	152-A	Millville 15'		Late Cretaceous arenaceous foraminifers
16184	Bella Vista	770	4	vic Bella Vista	no slide	Millville 15'	abun planktics	Late Cretaceous H Zone
16185	Sehorn Creek	773	7	J-609 area C-2	153-A	Flournoy 15'		Early Cretaceous J Zone
16186	Sehorn Creek	773	11	J-609 area C-2	152-A	Flournoy 15'		Early Cretaceous J Zone
16187	Sehorn Creek	773	12	J-609 area C-2	152-A	Flournoy 15'		Early Cretaceous J Zone
16188	Sehorn Creek	773	13	J-609 area C-2	152-A	Flournoy 15'		Early Cretaceous J Zone
16189	Fruto	774	23	J-607 seis line	152-A	Fruto 15'	not on map	Early Cretaceous J Zone
16190	Fruto	774	24	J-607 seis line	152-A	Fruto 15'	not on map	Early Cretaceous J Zone
16191	Fruto	774	26	J-607 seis line	152-A	Fruto 15'	not on map	Early Cretaceous J Zone
16192	Stone Valley	774	27	J-607 seis line	152-A	Fruto 15'		probably Early Cretaceous J Zone
16193	Stone Valley	774	28	J-607 seis line	152-A	Fruto 15'		probably Early Cretaceous J Zone
16194	Stone Valley	774	29A	J-607 seis line	152-A	Fruto 15'	SW part quad	Early Cretaceous J Zone
16195	Stone Valley	774	30	J-607 seis line	152-A	Fruto 15'	SW part quad	Early Cretaceous J Zone
16196	Stone Valley	774	31	J-607 seis line	152-A	Fruto 15'	SW part quad	Early Cretaceous J Zone
16197	Stone Valley	774	32	J-607 seis line	152-A	Fruto 15'	SW part quad	Cretaceous arenaceous foraminifers
16198	Stone Valley	774	32A	J-607 seis line	152-B	Fruto 15'	SW part quad	Cretaceous arenaceous foraminifers
16199	Stone Valley	774	33	J-607 seis line	152-B	Fruto 15'	SW part quad	Late Cretaceous arenaceous foraminifers
16200	Stone Valley	774	34	J-607 seis line	152-B	Fruto 15'	SW part quad	Late Cretaceous arenaceous foraminifers
16201	Stone Valley	774	36	J-607 seis line	152-B	Fruto 15'	SW part quad	Late Cretaceous G-2 Zone
16202	Stone Valley	774	37	J-607 seis line	152-B	Fruto 15'	SW part quad	Late Cretaceous G-2 Zone
16203	Stone Valley	774	37A	J-607 seis line	152-B	Fruto 15'	SW part quad	Late Cretaceous G-2 Zone
16204	Stone Valley	774	39	J-607 seis line	152-B	Fruto 15'	SW part quad	probably Late Cretaceous G-2
16205	Stone Valley	774	40	J-607 seis line	152-B	Fruto 15'	SW part quad	Late Cretaceous H or I Zone
16206	Stone Valley	774	44	J-607 seis line	152-B	Fruto 15'	SW part quad	Late Cretaceous I Zone
16207	Stone Valley	774	45	J-607 seis line	152-B	Fruto 15'	SW part quad	Early Cretaceous J Zone
16208	Stone Valley	774	46	J-607 seis line	152-B	Fruto 15'	SW part quad	Early Cretaceous J Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
16209	Stone Valley	774	49	J-607 seis line	152-B	Fruto 15'	SW part quad	Early Cretaceous J Zone
16210	Stone Valley	774	50	J-607 seis line	152-B	Fruto 15'	SW part quad	Early Cretaceous J Zone
16211	Stone Valley	774	52	J-607 seis line	152-B	Fruto 15'	SW part quad	Early Cretaceous J Zone
16212	Joaquin Rocks	775	P18	NE part of quad		Joaquin Rocks 15'	age from map	Cretaceous
16213	Monocline Ridge	776	78-138	NW part of quad	161-D	not on map	strat column	middle and Late Eocene nannoplankton check list
16214	Tumey Hills	776	3	Superior Oil Co.	161-D	Pipeline ditch	Which numbers	Miocene
16215	Tumey Hills	776	4	Superior Oil Co.	161-D	Pipeline ditch	belong in which	Miocene
16216	Tumey Hills	776	5	Superior Oil Co.	161-D	Pipeline ditch	quad are un-	Miocene
16217	Tumey Hills	776	6	Superior Oil Co.	161-D	Pipeline ditch	known. Both	Miocene
16218	Tumey Hills	776	7	Superior Oil Co.	161-D	Pipeline ditch	Tumey Hills	Miocene
16219	Tumey Hills	776	9	Superior Oil Co.	161-D	Pipeline ditch	and Monocline	Miocene
16220	Tumey Hills	776	10	Superior Oil Co.	161-D	Pipeline ditch	Ridge are	Miocene
16221	Tumey Hills	776	15	Superior Oil Co.	161-D	Pipeline ditch	involved.	Miocene
16222	Tumey Hills	776	16	Superior Oil Co.	161-D	Pipeline ditch		Miocene
16223	Tumey Hills	776	17	Superior Oil Co.	161-D	Pipeline ditch		Miocene
16224	Tumey Hills	776	19	Superior Oil Co.	161-D	Pipeline ditch		Miocene
16225	Tumey Hills	776	20	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16226	Tumey Hills	776	21	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16227	Tumey Hills	776	22	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16228	Tumey Hills	776	23	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16229	Tumey Hills	776	24	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16230	Tumey Hills	776	25	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16231	Tumey Hills	776	26	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16232	Tumey Hills	776	27	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16233	Tumey Hills	776	28	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16234	Tumey Hills	776	33	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16235	Tumey Hills	776	61	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16236	Tumey Hills	776	67	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16237	Tumey Hills	776	74	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16238	Tumey Hills	776	76	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16239	Tumey Hills	776	77	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16240	Tumey Hills	776	78	Superior Oil Co.	161-D	Pipeline ditch		middle Eocene A Zone
16241	Tumey Hills	776	79A	Superior Oil Co.	161-D	Pipeline ditch	NP age	middle Eocene Discoaster siapanensis Zone
16242	Tumey Hills	776	79B	Superior Oil Co.	161-D	Pipeline ditch	NP age	middle Eocene Discoaster siapanensis Zone
16243	Tumey Hills	776	83	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16244	Tumey Hills	776	84	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16245	Tumey Hills	776	85	Superior Oil Co.	161-D	Pipeline ditch	NP age	middle Eocene Discoaster siapanensis Zone
16246	Tumey Hills	776	86	Superior Oil Co.	161-D	Pipeline ditch	NP age	middle Eocene Discoaster siapanensis Zone
16247	Tumey Hills	776	87	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16248	Tumey Hills	776	88A	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16249	Tumey Hills	776	88B	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16250	Tumey Hills	776	89A	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16251	Tumey Hills	776	89B	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16252	Tumey Hills	776	94	Superior Oil Co.	161-D	Pipeline ditch	NP age	middle Eocene Discoaster martinii Zone
16253	Tumey Hills	776	95	Superior Oil Co.	161-D	Pipeline ditch	NP age	middle Eocene Discoaster martinii Zone
16254	Tumey Hills	776	96	Superior Oil Co.	161-D	Pipeline ditch	NP age	middle Eocene Discoaster martinii Zone
16255	Tumey Hills	776	97	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16256	Tumey Hills	776	98	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16257	Tumey Hills	776	99	Superior Oil Co.	161-D	Pipeline ditch	NP age	middle Eocene Discoaster martinii Zone
16258	Tumey Hills	776	100	Superior Oil Co.	161-D	Pipeline ditch	NP age	middle Eocene Discoaster martinii Zone
16259	Tumey Hills	776	101	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16260	Tumey Hills	776	102	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16261	Tumey Hills	776	103	Superior Oil Co.	161-D	Pipeline ditch	NP age	middle Eocene Discoaster martinii Zone
16262	Tumey Hills	776	104	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16263	Tumey Hills	776	105	Superior Oil Co.	161-D	Pipeline ditch	NP age	middle Eocene Discoaster martinii Zone
16264	Tumey Hills	776	106	Superior Oil Co.	161-D	Pipeline ditch	NP age	middle Eocene Discoaster martinii Zone
16265	Tumey Hills	776	107	Superior Oil Co.	161-D	Pipeline ditch	NP age	middle Eocene Discoaster martinii Zone
16266	Tumey Hills	776	108	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16267	Tumey Hills	776	109	Superior Oil Co.	161-D	Pipeline ditch	NP age	middle Eocene Chiphragmalithus quadratus
16268	Tumey Hills	776	110	Superior Oil Co.	161-D	Pipeline ditch	NP age	middle Eocene Chiphragmalithus quadratus
16269	Tumey Hills	776	112	Superior Oil Co.	161-D	Pipeline ditch	NP age	middle Eocene Chiphragmalithus quadratus
16270	Tumey Hills	776	115	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16271	Tumey Hills	776	116	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16272	Tumey Hills	776	117	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16273	Tumey Hills	776	118	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16274	Tumey Hills	776	119	Superior Oil Co.	no slide	Pipeline ditch	NP age	middle Eocene Chiphragmalithus quadratus
16275	Tumey Hills	776	123	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16276	Tumey Hills	776	127	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16277	Tumey Hills	776	128	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16278	Tumey Hills	776	129	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16279	Tumey Hills	776	130	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16280	Tumey Hills	776	131	Superior Oil Co.	161-D	Pipeline ditch	NP age	middle Eocene Chiphragmalithus quadratus
16281	Tumey Hills	776	131B	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16282	Tumey Hills	776	132	Superior Oil Co.	161-D	Pipeline ditch		Tertiary

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
16283	Tumey Hills	776	136	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16284	Tumey Hills	776	137	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16285	Tumey Hills	776	138	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16286	Tumey Hills	776	139	Superior Oil Co.	161-D	Pipeline ditch		Tertiary
16287	Tumey Hills	776	B-2	Superior Oil Co.	161-D	Pipeline ditch	brown	Tertiary
16288	Tumey Hills	776	B-3	Superior Oil Co.	161-D	Pipeline ditch	gray	Tertiary
16289	Monocline Ridge	777	140-151	NW part of quad	161-E	not on map		early Eocene nannoplankton check list
16290	Tumey Hills	777	140	Superior Oil Co.	161-E	Pipeline ditch	have strat	early Eocene C Zone
16291	Tumey Hills	777	141	Superior Oil Co.	161-E	Pipeline ditch	column and	early Eocene C Zone
16292	Tumey Hills	777	142	Superior Oil Co.	161-E	Pipeline ditch	check list	early Eocene C Zone
16293	Tumey Hills	777	143	Superior Oil Co.	161-E	Pipeline ditch	Also has NP	early Eocene C Zone
16294	Tumey Hills	777	144	Superior Oil Co.	161-E	Pipeline ditch	see file **7511**	early Eocene C Zone
16295	Tumey Hills	777	145	Superior Oil Co.	161-E	Pipeline ditch		early Eocene C Zone
16296	Tumey Hills	777	146	Superior Oil Co.	161-E	Pipeline ditch		early Eocene C Zone
16297	Tumey Hills	777	147	Superior Oil Co.	161-E	Pipeline ditch		early Eocene C Zone
16298	Tumey Hills	777	148	Superior Oil Co.	161-E	Pipeline ditch		early Eocene C Zone
16299	Tumey Hills	777	149	Superior Oil Co.	161-E	Pipeline ditch		early Eocene C Zone
16300	Tumey Hills	777	150	Superior Oil Co.	161-E	Pipeline ditch		early Eocene C Zone
16301	Tumey Hills	777	151	Superior Oil Co.	161-E	Pipeline ditch		early Eocene C Zone
16302	Tumey Hills	777	152	Superior Oil Co.	161-E	Pipeline ditch		early Eocene C Zone
16303	Tumey Hills	777	153	Superior Oil Co.	161-E	Pipeline ditch		late Paleocene or early Eocene E or D Zone
16304	Tumey Hills	777	157	Superior Oil Co.	161-E	Pipeline ditch		late Paleocene or early Eocene E or D Zone
16305	Tumey Hills	777	158	Superior Oil Co.	161-E	Pipeline ditch		late Paleocene or early Eocene E or D Zone
16306	Tumey Hills	777	160	Superior Oil Co.	161-E	Pipeline ditch		late Paleocene or early Eocene E or D Zone
16307	Tumey Hills	777	161	Superior Oil Co.	161-E	Pipeline ditch		late Paleocene or early Eocene E or D Zone
16308	Tumey Hills	777	162	Superior Oil Co.	161-E	Pipeline ditch		late Paleocene or early Eocene E or D Zone
16309	Tumey Hills	777	166	Superior Oil Co.	161-E	Pipeline ditch		Late Cretaceous A and/or B Zone
16310	Tumey Hills	777	167	Superior Oil Co.	161-E	Pipeline ditch		Late Cretaceous A and/or B Zone
16311	Tumey Hills	777	168	Superior Oil Co.	161-E	Pipeline ditch		Late Cretaceous A and/or B Zone
16312	Tumey Hills	777	169	Superior Oil Co.	161-E	Pipeline ditch		Late Cretaceous A and/or B Zone
16313	Tumey Hills	777	170	Superior Oil Co.	161-E	Pipeline ditch		Late Cretaceous A and/or B Zone
16314	Tumey Hills	777	171	Superior Oil Co.	161-E	Pipeline ditch		Late Cretaceous A and/or B Zone
16315	Tumey Hills	777	172	Superior Oil Co.	161-E	Pipeline ditch		Late Cretaceous A and/or B Zone
16316	Tumey Hills	777	173	Superior Oil Co.	161-E	Pipeline ditch		Late Cretaceous A and/or B Zone
16317	Tumey Hills	777	174	Superior Oil Co.	161-E	Pipeline ditch		Late Cretaceous A and/or B Zone
16318	Tumey Hills	777	175	Superior Oil Co.	161-E	Pipeline ditch		Late Cretaceous A and/or B Zone
16319	Tumey Hills	777	176	Superior Oil Co.	161-E	Pipeline ditch		Late Cretaceous A and/or B Zone
16320	Tumey Hills	777	177	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16321	Tumey Hills	777	178	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16322	Tumey Hills	777	179	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16323	Tumey Hills	777	180	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16324	Tumey Hills	777	181	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16325	Tumey Hills	777	182	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16326	Tumey Hills	777	183	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16327	Tumey Hills	777	186	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16328	Tumey Hills	777	187	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16329	Tumey Hills	777	188	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16330	Tumey Hills	777	189	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16331	Tumey Hills	777	190	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16332	Tumey Hills	777	191	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16333	Tumey Hills	777	193	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16334	Tumey Hills	777	194	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16335	Tumey Hills	777	195	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16336	Tumey Hills	777	196	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16337	Tumey Hills	777	198	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16338	Tumey Hills	777	200	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16339	Tumey Hills	777	201	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16340	Tumey Hills	777	202	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16341	Tumey Hills	777	203	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous A and/or B Zone
16342	Tumey Hills	777	204	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous C Zone
16343	Tumey Hills	777	205	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous C Zone
16344	Tumey Hills	777	206	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous C Zone
16345	Tumey Hills	777	207	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous C Zone
16346	Tumey Hills	777	208	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous C Zone
16347	Tumey Hills	777	209	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous C Zone
16348	Tumey Hills	777	210	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous C Zone
16349	Tumey Hills	777	211	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous C Zone
16350	Tumey Hills	777	212	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous C Zone
16351	Tumey Hills	777	213	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous C Zone
16352	Tumey Hills	777	221	Superior Oil Co.	161-F	Pipeline ditch		Late Cretaceous C Zone
16353	Ciervo Mountain	782	P66	SE corner of quad		New Idria 15'	age from map	early Eocene D? Zone
16354	Ciervo Mountain	784	P83	EC part of quad		New Idria 15'	age from map	Eocene?
16355	Ciervo Mountain	789	P105	center of quad		New Idria 15'	and Weaver	late Paleocene or early Eocene
16356	Ciervo Mountain	792	P110	WC part of quad		New Idria 15'		Eocene?

	A	B	C	D	E	F	G	H
1	**USGS 7.5' QUAD**	**LOC #**	**SUB**	**GENERAL LOCATION**	**SLIDE #**	**MISCELLANEOUS**	**MISC**	**ZONE/STAGE/SERIES/AGE**
16357	Byron Hot Springs	813	639	1 mi W Byron HS	A-12	SW4-16/1S/3E	not on map	Late Cretaceous arenaceous foraminifers
16358	Clayton	815	693	EC part of quad	A-12	7/1N/1E	not on map	Cretaceous? arenaceous foraminifers
16359	Clayton	818	645	S of Nortonville	A-12	SW4- 5/1N/1E	not on map	Eocene
16360	Clayton	818		W of Nortonville	no slide		aren only	Eocene
16361	Folsom	819		SW of Nortonville	no slide	Baculites and	mollusks	Late Cretaceous
16362	Clayton	822	708	center of quad	A-13	NW4 12/1N/1W	not on map	Late Cretaceous arenaceous foraminifers
16363	Clayton	826	705	center of quad	A-14	NE4 12/1N/1W	not on map	middle Eocene
16364	Antioch South	829	657	not on map	E-5			late Paleocene E Zone
16365	Clayton	831	733	SW of Nortonville	A-12	SE4-7/1N/1E	not on map	Late Cretaceous arenaceous foraminifers
16366	Briones Valley	837		not on map	A-12	lower Capay	age from slide	early Eocene
16367	Antioch South	838	776	S of Stewartsville	A-12	Sidney shale	10/1N/1E	Eocene
16368	Antioch South	839	777	S of Stewartsville	A-12	Sidney shale	10/1N/1E	Eocene
16369	Clayton	841	696	SW of Nortonville	A-12	NW4-8/1N/1E	not on map	Eocene
16370	Clayton	842	697	SW of Nortonville	A-12	NW4-8/1N/1E	not on map	Eocene
16371	Antioch South	843	700	S of Somersville	A-12	Meganos C	NE4-9/1N/1E	Eocene
16372	Antioch South	844	701	S of Somersville	A-12	Meganos C	NW4-10/1N/1	Eocene
16373	Panorama Hills	849		Crocker Flat	A-13	36/31S/21E	good fauna	Oligocene Zemorrian Stage
16374	Grapevine	853	1	Grapevine vicinity	A-11			middle Eocene B-1 Zone
16375	Santa Barbara?	855		Bath House Beach	A-13	S. Barbara Fm.	not on map	Pliocene
16376	Antioch South	860		SW part of quad	B-2	27/1N/1E (SLURP)	age from slide	Cretaceous arenaceous foraminifers
16377	Antioch South	861		not on map	B-2	24/1N/1E etc	age from slide	Cretaceous arenaceous foraminifers
16378	Antioch South	862		not on map	B-2	33/1N/2E	age from slide	Cretaceous arenaceous foraminifers
16379	Antioch South	865		not on map	B-2	30/1N/2E	age from slide	Cretaceous arenaceous foraminifers
16380	Antioch South	866		not on map	B-2	30/1N/2E	age from slide	Cretaceous arenaceous foraminifers
16381	Antioch South	867		not on map	B-2	29/1N/2E	age from slide	Cretaceous arenaceous foraminifers
16382	Antioch South	869		not on map	B-2	30/1N/2E	age from slide	Cretaceous arenaceous foraminifers
16383	Byron Hot Springs	871		17/1S/3E	B-2	16/1S/3E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16384	Byron Hot Springs	873		17/1S/3E	B-2	2/1S/2E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16385	Tassajara	874		NE corner of quad	B-2		age from map	Late Cretaceous
16386	Tassajara	875		NE corner of quad	B-2	35/1N/2E (SLP)	age from map	Late Cretaceous
16387	Antioch South	876		SE part of quad	B-2	29/1N/2E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16388	Antioch South	878		SE part of quad	B-2	32/1N/2E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16389	Antioch South	881		SE part of quad	B-2	32/1N/2E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16390	Tassajara	882		4/1S/2E (SLP)	B-2	not on map	age from slide	Cretaceous arenaceous foraminifers
16391	Tassajara	883		4/1S/2E (SLP)	B-2	not on map	age from slide	Cretaceous arenaceous foraminifers
16392	Antioch South	885		SC part of quad	B-2	31/1N/2E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16393	Antioch South	886		SC part of quad	B-2	31/1N/2E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16394	Antioch South	887		SC part of quad	B-2	31/1N/2E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16395	Antioch South	888		SC part of quad	B-2	30/1N/2E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16396	Antioch South	889		SC part of quad	B-2	36/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16397	Antioch South	890		SC part of quad	B-2	36/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16398	Eagle Rest Peak	890	12	Devils Kitchen	E-5	strat column filed in		Eocene
16399	Eagle Rest Peak	890	13	Devils Kitchen	E-5	loc **11616** and **150**		Eocene
16400	Eagle Rest Peak	890	18	Devils Kitchen	E-5			Eocene
16401	Eagle Rest Peak	890	21	Devils Kitchen	E-5			Eocene
16402	Eagle Rest Peak	890	23	Devils Kitchen	E-5			Eocene
16403	Eagle Rest Peak	890	24	Devils Kitchen	E-5			Eocene
16404	Eagle Rest Peak	890	25	Devils Kitchen	E-5			Eocene
16405	Eagle Rest Peak	890	27	Devils Kitchen	E-5			Eocene
16406	Eagle Rest Peak	890	29	Devils Kitchen	E-5			Eocene
16407	Eagle Rest Peak	890	34	Devils Kitchen	E-5			Eocene
16408	Eagle Rest Peak	890	37	Devils Kitchen	E-5			Eocene
16409	Eagle Rest Peak	890	51	Devils Kitchen	E-5			Eocene
16410	Eagle Rest Peak	890	53	Devils Kitchen	E-5			Eocene
16411	Eagle Rest Peak	890	56-103	Devils Kitchen	E-5			Zemorrian
16412	Antioch South	891		SE part of quad	B-2	29/1N/2E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16413	Antioch South	892		SW part of quad	B-2	26/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16414	Antioch South	893		SW part of quad	B-2	26/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16415	Antioch South	894		SW part of quad	B-2	26/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16416	Antioch South	895		SW part of quad	B-2	26/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16417	Antioch South	896		SW part of quad	B-2	26/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16418	Antioch South	897		SW part of quad	B-2	26/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16419	Antioch South	898		WC part of quad	B-2	23/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16420	Simi Valley East	898	1	center of quad	no slides	have photo map	age from map	Eocene
16421	Simi Valley East	898	2	center of quad	no slides		age from map	Eocene
16422	Simi Valley East	898	3	center of quad	no slides		age from map	Eocene
16423	Simi Valley East	898	4	center of quad	no slides		age from map	Eocene
16424	Simi Valley East	898	5	center of quad	no slides		age from map	Eocene
16425	Simi Valley East	898	6	center of quad	no slides		age from map	Paleocene
16426	Antioch South	899		WC part of quad	B-2	22/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16427	Antioch South	900		WC part of quad	B-2	22/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16428	Antioch South	901		WC part of quad	B-2	14/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16429	Tassajara	902		5/1S/2E (SLP)	B-2	not on map	age from slide	Cretaceous arenaceous foraminifers
16430	Tassajara	903		8/1S/2E (SLP)	B-2	not on map	age from slide	Cretaceous arenaceous foraminifers

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
16431	Tassajara	904		8/1S/2E (SLP)	B-2	not on map	age from slide	Cretaceous arenaceous foraminifers
16432	Antioch South	905		not on map	B-2	15/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16433	Antioch South	906		not on map	B-2	15/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16434	Antioch South	907		not on map	B-2	15/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16435	Antioch South	908		not on map	B-2	15/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16436	Antioch South	909		not on map	B-2	15/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16437	Antioch South	911		not on map	B-2	16/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16438	Antioch South	912		not on map	B-2	16/1N/1E (SLP)	age from slide	Late Cretaceous arenaceous foraminifers
16439	Antioch South	913		not on map	B-2	22/1N/1E (SLP)	age from slide	Late Cretaceous arenaceous foraminifers
16440	Antioch South	914		not on map	B-2	22/1N/1E (SLP)	age from slide	Late Cretaceous arenaceous foraminifers
16441	Antioch South	915		not on map	B-2	22/1N/1E (SLP)	age from slide	Late Cretaceous arenaceous foraminifers
16442	Antioch South	916		not on map	B-2	1/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16443	Antioch South	917		not on map	B-2	1/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16444	Antioch South	918		not on map	B-2	22/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16445	Antioch South	919		not on map	B-3	4/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16446	Antioch South	920		not on map	B-3	15/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16447	Antioch South	921		not on map	B-3	15/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16448	Antioch South?	922		not on map	B-3		age from slide	Cretaceous arenaceous foraminifers
16449	Antioch South	923		not on map	B-3	16/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16450	Antioch South	924		not on map	B-3	36/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16451	Antioch South	925		not on map	B-3	36/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16452	Antioch South	926		not on map	B-3	36/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16453	Antioch South	927		not on map	B-3	36/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16454	Antioch South	928		not on map	B-3	28/1N/1E (SLP)	age strat col	Cretaceous arenaceous foraminifers
16455	Antioch South	929		not on map	B-3	36/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16456	Antioch South	931		not on map	B-3	22/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16457	Antioch South	934		not on map	B-3	32/1N/2E (SLP)	age strat col	Late Cretaceous E Zone
16458	Antioch South	935		not on map	B-3	22/1N/2E (SLP)	age strat col	Late Cretaceous E Zone
16459	Antioch South	936		not on map	B-3	22/1N/2E (SLP)	age strat col	Late Cretaceous E Zone
16460	Antioch South	937		not on map	B-3	22/1N/1E (SLP)	age strat col	Late Cretaceous E Zone
16461	Antioch South	939		not on map	B-3	22/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16462	Antioch South	940		not on map	B-3	22/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16463	Antioch South	941		not on map	B-3	28/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16464	Antioch South	942		not on map	B-3	21/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16465	Antioch South	943		not on map	B-3	34/1N/1E (SLP)	age strat col	Late Cretaceous J-1 Zone
16466	Antioch South	944		WC part of quad	B-3	15/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16467	Antioch South	945		WC part of quad	B-3	15/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16468	Antioch South	946		WC part of quad	B-3	15/1N/1E (SLP)	age strat col	Late Cretaceous C or D-1 Zone
16469	Antioch South	947		WC part of quad	B-3	15/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16470	Antioch South	948		WC part of quad	B-3	15/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16471	Antioch South	949		WC part of quad	B-3	15/1N/1E (SLP)	age strat col	Late Cretaceous C or D-1 Zone
16472	Antioch South	950		not on map	B-3	20/1N/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16473	Byron Hot Springs	951		17/1S/3E	B-3	11/1S/3E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16474	Byron Hot Springs	953		17/1S/3E	B-3	20/1S/3E (SLP)	age from slide	probably Late Cretaceous F Zone
16475	Byron Hot Springs	954		17/1S/3E	B-3	17/1S/3E (SLP)	age strat col	Late Cretaceous D-2 Zone
16476	Byron Hot Springs	955		17/1S/3E	B-3	17/1S/3E (SLP)	age strat col	Late Cretaceous D-2 Zone
16477	Byron Hot Springs	957		17/1S/3E	B-3	16/1S/1E (SLP)	age strat col	Late Cretaceous D-2 Zone
16478	Byron Hot Springs	961		17/1S/3E	B-3	4?/1S/1E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16479	Byron Hot Springs	962		18/1S/3E	B-3	18/1S/3E (SLP)	age strat col	Late Cretaceous F-2 Zone
16480	Byron Hot Springs	963		18/1S/3E	B-3	18/1S/3E (SLP)	age strat col	Late Cretaceous F-2 Zone
16481	Byron Hot Springs	964		18/1S/3E	B-3	18/1S/3E (SLP)	age strat col	Late Cretaceous F-2 Zone
16482	Byron Hot Springs	970		18/1S/3E	B-3	24/1S/2E (SLP)	age strat col	Late Cretaceous F-2 or G-1 Zone
16483	Byron Hot Springs	971		18/1S/3E	B-3	24/1S/2E (SLP)	age from slide	Cretaceous arenaceous foraminifers
16484	Chrome	982	376	near Elk Creek	154-G	Elk Creek 15'		
16485	Chrome	982	378	near Elk Creek	154-G	Elk Creek 15'		
16486	Chrome	982	379	near Elk Creek	154-G	Elk Creek 15'		All lot 982 slides borrowed by Sandra Cutler
16487	Chrome	982	380	near Elk Creek	154-G	Elk Creek 15'		Univ. Nevada, Reno, MS Thesis. Chevron note says
16488	Chrome	982	382	near Elk Creek	154-G	Elk Creek 15'		slides borrowed in August 1978.
16489	Chrome	982	383	near Elk Creek	154-G	Elk Creek 15'		
16490	Chrome	982	385	near Elk Creek	154-G	Elk Creek 15'		
16491	Chrome	982	386	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16492	Chrome	982	387	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16493	Chrome	982	388	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16494	Chrome	982	389	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16495	Chrome	982	390	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16496	Chrome	982	394	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16497	Chrome	982	395	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16498	Chrome	982	398	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16499	Chrome	982	400	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16500	Chrome	982	401	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16501	Chrome	982	402	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16502	Chrome	982	403	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16503	Chrome	982	404	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16504	Chrome	982	405	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
16505	Chrome	982	407	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16506	Chrome	982	410	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16507	Chrome	982	411	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16508	Chrome	982	412	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16509	Chrome	982	413	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16510	Chrome	982	416	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16511	Chrome	982	423	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16512	Chrome	982	425	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16513	Chrome	982	429	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16514	Chrome	982	433	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16515	Chrome	982	436	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16516	Chrome	982	437	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16517	Chrome	982	438	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16518	Chrome	982	447	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16519	Chrome	982	456	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16520	Chrome	982	457	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16521	Chrome	982	459	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16522	Chrome	982	460	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16523	Chrome	982	464	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16524	Chrome	982	467	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16525	Chrome	982	468	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16526	Chrome	982	469	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16527	Chrome	982	470	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16528	Chrome	982	472	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16529	Chrome	982	473	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16530	Chrome	982	474	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16531	Chrome	982	475	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16532	Chrome	982	476	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16533	Chrome	982	477	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16534	Chrome	982	478	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16535	Chrome	982	479	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16536	Chrome	982	480	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16537	Chrome	982	481	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16538	Chrome	982	482	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16539	Chrome	982	483	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16540	Chrome	982	484	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16541	Chrome	982	485	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16542	Chrome	982	487	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16543	Chrome	982	488	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16544	Chrome	982	489	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16545	Chrome	982	490	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16546	Chrome	982	491	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16547	Chrome	982	492	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16548	Chrome	982	495	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16549	Chrome	982	496	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16550	Chrome	982	497	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16551	Chrome	982	498	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16552	Chrome	982	499	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16553	Chrome	982	500	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16554	Chrome	982	501	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16555	Chrome	982	502	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16556	Chrome	982	504	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16557	Chrome	982	505	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16558	Chrome	982	506	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16559	Chrome	982	507	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16560	Chrome	982	508	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16561	Chrome	982	509	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16562	Chrome	982	510	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16563	Chrome	982	511	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16564	Chrome	982	512	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16565	Chrome	982	513	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16566	Chrome	982	514	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16567	Chrome	982	515	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16568	Chrome	982	517	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16569	Chrome	982	520	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16570	Chrome	982	521	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16571	Chrome	982	522	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16572	Chrome	982	523	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16573	Chrome	982	525	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16574	Chrome	982	526	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16575	Chrome	982	528	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16576	Chrome	982	529	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16577	Chrome	982	532	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16578	Chrome	982	533	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
16579	Chrome	982	534	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16580	Chrome	982	535	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16581	Chrome	982	536	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16582	Chrome	982	537	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16583	Chrome	982	539	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16584	Chrome	982	540	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16585	Chrome	982	541	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16586	Chrome	982	542	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16587	Chrome	982	543	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16588	Chrome	982	544	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16589	Chrome	982	545	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16590	Chrome	982	546	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16591	Chrome	982	547	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16592	Chrome	982	548	near Elk Creek	154-H	Elk Creek 15'		probably Late Jurassic
16593	Elk Creek	982	1	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16594	Elk Creek	982	2	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16595	Elk Creek	982	3	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16596	Elk Creek	982	4	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16597	Elk Creek	982	5	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16598	Elk Creek	982	6	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16599	Elk Creek	982	7	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16600	Elk Creek	982	8	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16601	Elk Creek	982	9	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16602	Elk Creek	982	10	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16603	Elk Creek	982	11	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16604	Elk Creek	982	12	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16605	Elk Creek	982	13	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16606	Elk Creek	982	14	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16607	Elk Creek	982	15	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16608	Elk Creek	982	16	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16609	Elk Creek	982	17	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16610	Elk Creek	982	18	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16611	Elk Creek	982	19	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16612	Elk Creek	982	20	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16613	Elk Creek	982	21	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16614	Elk Creek	982	22	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16615	Elk Creek	982	23	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16616	Elk Creek	982	24	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16617	Elk Creek	982	25	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16618	Elk Creek	982	26	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16619	Elk Creek	982	27	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16620	Elk Creek	982	28	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16621	Elk Creek	982	29	near Elk Creek	154-A	Elk Creek 15'		Late Jurassic M Zone
16622	Elk Creek	982	55	near Elk Creek	154-B	Elk Creek 15'		Late Jurassic M Zone
16623	Elk Creek	982	56	near Elk Creek	154-B	Elk Creek 15'		Late Jurassic M Zone
16624	Elk Creek	982	57	near Elk Creek	154-B	Elk Creek 15'		Late Jurassic M Zone
16625	Elk Creek	982	58	near Elk Creek	154-B	Elk Creek 15'		Late Jurassic M Zone
16626	Elk Creek	982	59	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16627	Elk Creek	982	60	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16628	Elk Creek	982	61	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16629	Elk Creek	982	62	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16630	Elk Creek	982	63	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16631	Elk Creek	982	64	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16632	Elk Creek	982	65	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16633	Elk Creek	982	66	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16634	Elk Creek	982	67	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16635	Elk Creek	982	68	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16636	Elk Creek	982	69	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16637	Elk Creek	982	70	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16638	Elk Creek	982	71	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16639	Elk Creek	982	72	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16640	Elk Creek	982	73	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16641	Elk Creek	982	74	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16642	Elk Creek	982	75	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16643	Elk Creek	982	76	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16644	Elk Creek	982	77	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16645	Elk Creek	982	78	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16646	Elk Creek	982	79	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16647	Elk Creek	982	80	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16648	Elk Creek	982	81	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16649	Elk Creek	982	82	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16650	Elk Creek	982	83	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16651	Elk Creek	982	84	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16652	Elk Creek	982	85	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
16653	Elk Creek	982	86	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16654	Elk Creek	982	87	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16655	Elk Creek	982	88	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16656	Elk Creek	982	89	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16657	Elk Creek	982	90	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16658	Elk Creek	982	91	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16659	Elk Creek	982	92	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16660	Elk Creek	982	93	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16661	Elk Creek	982	94	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16662	Elk Creek	982	95	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16663	Elk Creek	982	96	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16664	Elk Creek	982	97	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16665	Elk Creek	982	98	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16666	Elk Creek	982	99	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16667	Elk Creek	982	100	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16668	Elk Creek	982	101	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16669	Elk Creek	982	102	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16670	Elk Creek	982	103	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16671	Elk Creek	982	104	near Elk Creek	154-B	Elk Creek 15'		probably Late Jurassic
16672	Elk Creek	982	105	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16673	Elk Creek	982	106	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16674	Elk Creek	982	107	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16675	Elk Creek	982	108	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16676	Elk Creek	982	109	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16677	Elk Creek	982	110	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16678	Elk Creek	982	111	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16679	Elk Creek	982	112	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16680	Elk Creek	982	113	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16681	Elk Creek	982	114	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16682	Elk Creek	982	115	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16683	Elk Creek	982	116	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16684	Elk Creek	982	117	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16685	Elk Creek	982	118	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16686	Elk Creek	982	119	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16687	Elk Creek	982	120	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16688	Elk Creek	982	121	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16689	Elk Creek	982	122	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16690	Elk Creek	982	123	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16691	Elk Creek	982	124	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16692	Elk Creek	982	125	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16693	Elk Creek	982	126	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16694	Elk Creek	982	127	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16695	Elk Creek	982	128	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16696	Elk Creek	982	129	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16697	Elk Creek	982	130	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16698	Elk Creek	982	131	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16699	Elk Creek	982	132	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16700	Elk Creek	982	133	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16701	Elk Creek	982	134	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16702	Elk Creek	982	136	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16703	Elk Creek	982	137	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16704	Elk Creek	982	138	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16705	Elk Creek	982	139	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16706	Elk Creek	982	140	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16707	Elk Creek	982	141	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16708	Elk Creek	982	142	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16709	Elk Creek	982	143	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16710	Elk Creek	982	144	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16711	Elk Creek	982	145	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16712	Elk Creek	982	146	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16713	Elk Creek	982	147	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16714	Elk Creek	982	148	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16715	Elk Creek	982	149	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16716	Elk Creek	982	150	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16717	Elk Creek	982	151	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16718	Elk Creek	982	152	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16719	Elk Creek	982	153	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16720	Elk Creek	982	154	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16721	Elk Creek	982	155	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16722	Elk Creek	982	156	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16723	Elk Creek	982	157	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16724	Elk Creek	982	158	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16725	Elk Creek	982	159	near Elk Creek	154-C	Elk Creek 15'		probably Late Jurassic
16726	Elk Creek	982	160	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
16727	Elk Creek	982	161	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16728	Elk Creek	982	162	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16729	Elk Creek	982	163	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16730	Elk Creek	982	164	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16731	Elk Creek	982	165	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16732	Elk Creek	982	167	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16733	Elk Creek	982	168	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16734	Elk Creek	982	169	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16735	Elk Creek	982	170	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16736	Elk Creek	982	171	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16737	Elk Creek	982	172	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16738	Elk Creek	982	173	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16739	Elk Creek	982	174	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16740	Elk Creek	982	175	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16741	Elk Creek	982	176	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16742	Elk Creek	982	177	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16743	Elk Creek	982	178	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16744	Elk Creek	982	179	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16745	Elk Creek	982	180	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16746	Elk Creek	982	181	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16747	Elk Creek	982	186	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16748	Elk Creek	982	192	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16749	Elk Creek	982	193	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16750	Elk Creek	982	194	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16751	Elk Creek	982	195	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16752	Elk Creek	982	196	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16753	Elk Creek	982	197	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16754	Elk Creek	982	198	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16755	Elk Creek	982	199	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16756	Elk Creek	982	200	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16757	Elk Creek	982	201	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16758	Elk Creek	982	202	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16759	Elk Creek	982	203	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16760	Elk Creek	982	204	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16761	Elk Creek	982	205	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16762	Elk Creek	982	206	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16763	Elk Creek	982	207	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16764	Elk Creek	982	208	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16765	Elk Creek	982	209	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16766	Elk Creek	982	210	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16767	Elk Creek	982	211	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16768	Elk Creek	982	212	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16769	Elk Creek	982	213	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16770	Elk Creek	982	214	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16771	Elk Creek	982	215	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16772	Elk Creek	982	216	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16773	Elk Creek	982	217	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16774	Elk Creek	982	218	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16775	Elk Creek	982	219	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16776	Elk Creek	982	220	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16777	Elk Creek	982	221	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16778	Elk Creek	982	222	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16779	Elk Creek	982	223	near Elk Creek	154-D	Elk Creek 15'		probably Late Jurassic
16780	Elk Creek	982	224	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16781	Elk Creek	982	225	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16782	Elk Creek	982	226	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16783	Elk Creek	982	227	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16784	Elk Creek	982	228	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16785	Elk Creek	982	229	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16786	Elk Creek	982	230	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16787	Elk Creek	982	231	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16788	Elk Creek	982	232	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16789	Elk Creek	982	233	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16790	Elk Creek	982	234	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16791	Elk Creek	982	235	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16792	Elk Creek	982	236	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16793	Elk Creek	982	237	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16794	Elk Creek	982	238	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16795	Elk Creek	982	239	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16796	Elk Creek	982	240	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16797	Elk Creek	982	241	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16798	Elk Creek	982	242	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16799	Elk Creek	982	243	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16800	Elk Creek	982	244	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
16801	Elk Creek	982	245	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16802	Elk Creek	982	246	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16803	Elk Creek	982	247	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16804	Elk Creek	982	248	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16805	Elk Creek	982	249	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16806	Elk Creek	982	250	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16807	Elk Creek	982	251	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16808	Elk Creek	982	252	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16809	Elk Creek	982	253	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16810	Elk Creek	982	254	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16811	Elk Creek	982	255	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16812	Elk Creek	982	256	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16813	Elk Creek	982	257	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16814	Elk Creek	982	258	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16815	Elk Creek	982	259	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16816	Elk Creek	982	261	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16817	Elk Creek	982	262	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16818	Elk Creek	982	263	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16819	Elk Creek	982	264	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16820	Elk Creek	982	265	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16821	Elk Creek	982	266	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16822	Elk Creek	982	267	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16823	Elk Creek	982	268	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16824	Elk Creek	982	269	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16825	Elk Creek	982	270	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16826	Elk Creek	982	271	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16827	Elk Creek	982	272	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16828	Elk Creek	982	273	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16829	Elk Creek	982	274	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16830	Elk Creek	982	275	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16831	Elk Creek	982	276	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16832	Elk Creek	982	277	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16833	Elk Creek	982	278	near Elk Creek	154-E	Elk Creek 15'		probably Late Jurassic
16834	Elk Creek	982	279	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16835	Elk Creek	982	280	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16836	Elk Creek	982	281	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16837	Elk Creek	982	282	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16838	Elk Creek	982	283	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16839	Elk Creek	982	284	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16840	Elk Creek	982	285	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16841	Elk Creek	982	287	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16842	Elk Creek	982	288	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16843	Elk Creek	982	290	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16844	Elk Creek	982	291	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16845	Elk Creek	982	292	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16846	Elk Creek	982	293	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16847	Elk Creek	982	294	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16848	Elk Creek	982	295	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16849	Elk Creek	982	296	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16850	Elk Creek	982	297	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16851	Elk Creek	982	298	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16852	Elk Creek	982	299	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16853	Elk Creek	982	300	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16854	Elk Creek	982	301	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16855	Elk Creek	982	303	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16856	Elk Creek	982	305	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16857	Elk Creek	982	306	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16858	Elk Creek	982	307	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16859	Elk Creek	982	308	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16860	Elk Creek	982	309	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16861	Elk Creek	982	310	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16862	Elk Creek	982	311	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16863	Elk Creek	982	312	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16864	Elk Creek	982	313	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16865	Elk Creek	982	316	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16866	Elk Creek	982	317	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16867	Elk Creek	982	318	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16868	Elk Creek	982	319	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16869	Elk Creek	982	320	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16870	Elk Creek	982	321	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16871	Elk Creek	982	322	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16872	Elk Creek	982	323	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16873	Elk Creek	982	324	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16874	Elk Creek	982	326	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
16875	Elk Creek	982	328	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16876	Elk Creek	982	329	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16877	Elk Creek	982	330	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16878	Elk Creek	982	331A	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16879	Elk Creek	982	331B	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16880	Elk Creek	982	332	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16881	Elk Creek	982	342	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16882	Elk Creek	982	343	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16883	Elk Creek	982	344	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16884	Elk Creek	982	345	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16885	Elk Creek	982	346	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16886	Elk Creek	982	347	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16887	Elk Creek	982	349	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16888	Elk Creek	982	354	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16889	Elk Creek	982	358	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16890	Elk Creek	982	369	near Elk Creek	154-F	Elk Creek 15'		probably Late Jurassic
16891	Elk Creek	982	370	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16892	Elk Creek	982	373	near Elk Creek	154-G	Elk Creek 15'		probably Late Jurassic
16893	Antioch South	983		not on map	B-3	15/1N/1E (SLP)	strat col	Late Cretaceous arenaceous foraminifers
16894	Elk Creek	986	466	along Stony Creek	154-J			
16895	Elk Creek	986	470	along Stony Creek	154-J	strat column		slides borrowed by Sandra Cutler, Univ Nevada, Reno
16896	Elk Creek	986	471	along Stony Creek	154-J	filed in loc **764**		in August 1978. Returned May 1979. MS Thesis.
16897	Elk Creek	986	473	along Stony Creek	154-J	Elk Creek 15'		
16898	Elk Creek	986	474	along Stony Creek	154-J	Elk Creek 15'		
16899	Elk Creek	986	475	along Stony Creek	154-J	Elk Creek 15'		
16900	Elk Creek	986	476	along Stony Creek	154-J	Elk Creek 15'		
16901	Elk Creek	986	478	along Stony Creek	154-J	Elk Creek 15'		possibly Early Cretaceous J -2 Zone
16902	Elk Creek	986	479	along Stony Creek	154-J	Elk Creek 15'		possibly Early Cretaceous J -2 Zone
16903	Elk Creek	986	480	along Stony Creek	154-J	Elk Creek 15'		possibly Early Cretaceous J -2 Zone
16904	Elk Creek	986	481	along Stony Creek	154-J	Elk Creek 15'		possibly Early Cretaceous J -2 Zone
16905	Elk Creek	986	482	along Stony Creek	154-J	Elk Creek 15'		possibly Early Cretaceous J -2 Zone
16906	Elk Creek	986	483	along Stony Creek	154-J	Elk Creek 15'		possibly Early Cretaceous J -2 Zone
16907	Elk Creek	986	484	along Stony Creek	154-J	Elk Creek 15'		possibly Early Cretaceous J -2 Zone
16908	Elk Creek	986	485	along Stony Creek	154-J	Elk Creek 15'		possibly Early Cretaceous J -2 Zone
16909	Elk Creek	986	486	along Stony Creek	154-J	Elk Creek 15'		possibly Early Cretaceous J -2 Zone
16910	Elk Creek	986	487	along Stony Creek	154-J	Elk Creek 15'		possibly Early Cretaceous J -2 Zone
16911	Elk Creek	986	488	along Stony Creek	154-J	Elk Creek 15'		possibly Early Cretaceous J -2 Zone
16912	Elk Creek	986	489	along Stony Creek	154-J	Elk Creek 15'		possibly Early Cretaceous J -2 Zone
16913	Elk Creek	986	490	along Stony Creek	154-J	Elk Creek 15'		possibly Early Cretaceous J -2 Zone
16914	Elk Creek	986	491	along Stony Creek	154-J	Elk Creek 15'		possibly Early Cretaceous J -2 Zone
16915	Elk Creek	986	492	along Stony Creek	154-J	Elk Creek 15'		possibly Early Cretaceous J -2 Zone
16916	Elk Creek	986	493	along Stony Creek	154-J	Elk Creek 15'		possibly Early Cretaceous J -2 Zone
16917	Elk Creek	986	494	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16918	Elk Creek	986	495	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16919	Elk Creek	986	496	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16920	Elk Creek	986	497	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16921	Elk Creek	986	498	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16922	Elk Creek	986	499	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16923	Elk Creek	986	503	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16924	Elk Creek	986	504	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16925	Elk Creek	986	505	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16926	Elk Creek	986	506	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16927	Elk Creek	986	507	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16928	Elk Creek	986	508	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16929	Elk Creek	986	509	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16930	Elk Creek	986	510	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16931	Elk Creek	986	511	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16932	Elk Creek	986	512	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16933	Elk Creek	986	513	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16934	Elk Creek	986	514	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16935	Elk Creek	986	515	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16936	Elk Creek	986	516	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16937	Elk Creek	986	517	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16938	Elk Creek	986	518	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16939	Elk Creek	986	519	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16940	Elk Creek	986	520	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16941	Elk Creek	986	521	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16942	Elk Creek	986	522	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16943	Elk Creek	986	523	along Stony Creek	154-J	Elk Creek 15'		Early Cretaceous K Zone
16944	Elk Creek	986	524	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16945	Elk Creek	986	525	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16946	Elk Creek	986	526	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16947	Elk Creek	986	527	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16948	Elk Creek	986	528	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
16949	Elk Creek	986	529	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16950	Elk Creek	986	530	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16951	Elk Creek	986	531	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16952	Elk Creek	986	532	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16953	Elk Creek	986	533	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16954	Elk Creek	986	534	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16955	Elk Creek	986	535	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16956	Elk Creek	986	536	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16957	Elk Creek	986	537	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16958	Elk Creek	986	538	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16959	Elk Creek	986	539	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16960	Elk Creek	986	540	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16961	Elk Creek	986	541	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16962	Elk Creek	986	542	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16963	Elk Creek	986	543	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16964	Elk Creek	986	544	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16965	Elk Creek	986	545	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16966	Elk Creek	986	546	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16967	Elk Creek	986	547	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16968	Elk Creek	986	548	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16969	Elk Creek	986	549	along Stony Creek	155-K	Elk Creek 15'		Early Cretaceous K Zone
16970	Elk Creek	986	550	along Stony Creek	155-K	Elk Creek 15'		possibly Early Cretaceous K Zone
16971	Elk Creek	986	551	along Stony Creek	155-K	Elk Creek 15'		possibly Early Cretaceous K Zone
16972	Elk Creek	986	552	along Stony Creek	155-K	Elk Creek 15'		possibly Early Cretaceous K Zone
16973	Elk Creek	986	553	along Stony Creek	155-K	Elk Creek 15'		possibly Early Cretaceous K Zone
16974	Elk Creek	986	554	along Stony Creek	155-K	Elk Creek 15'		possibly Early Cretaceous K Zone
16975	Elk Creek	986	601	along Stony Creek	155-L	Elk Creek 15'		possibly Early Cretaceous L Zone
16976	Elk Creek	986	602	along Stony Creek	155-L	Elk Creek 15'		possibly Early Cretaceous L Zone
16977	Elk Creek	986	603	along Stony Creek	155-L	Elk Creek 15'		possibly Early Cretaceous L Zone
16978	Elk Creek	986	604	along Stony Creek	155-L	Elk Creek 15'		possibly Early Cretaceous L Zone
16979	Elk Creek	986	605	along Stony Creek	155-L	Elk Creek 15'		possibly Early Cretaceous L Zone
16980	Elk Creek	986	634	along Stony Creek	155-L	Elk Creek 15'		Late Jurassic M Zone
16981	Elk Creek	986	635	along Stony Creek	155-L	Elk Creek 15'		Late Jurassic M Zone
16982	Elk Creek	986	636	along Stony Creek	155-L	Elk Creek 15'		Late Jurassic M Zone
16983	Elk Creek	986	637	along Stony Creek	155-L	Elk Creek 15'		Late Jurassic M Zone
16984	Elk Creek	986	638	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
16985	Elk Creek	986	639	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
16986	Elk Creek	986	640	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
16987	Elk Creek	986	641	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
16988	Elk Creek	986	642	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
16989	Elk Creek	986	643	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
16990	Elk Creek	986	644	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
16991	Elk Creek	986	645	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
16992	Elk Creek	986	646	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
16993	Elk Creek	986	647	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
16994	Elk Creek	986	648	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
16995	Elk Creek	986	649	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
16996	Elk Creek	986	650	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
16997	Elk Creek	986	651	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
16998	Elk Creek	986	652	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
16999	Elk Creek	986	653	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17000	Elk Creek	986	654	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17001	Elk Creek	986	655	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17002	Elk Creek	986	656	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17003	Elk Creek	986	657	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17004	Elk Creek	986	658	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17005	Elk Creek	986	659	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17006	Elk Creek	986	660	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17007	Elk Creek	986	661	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17008	Elk Creek	986	662	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17009	Elk Creek	986	663	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17010	Elk Creek	986	664	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17011	Elk Creek	986	665	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17012	Elk Creek	986	666	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17013	Elk Creek	986	667	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17014	Elk Creek	986	668	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17015	Elk Creek	986	669	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17016	Elk Creek	986	670	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17017	Elk Creek	986	671	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17018	Elk Creek	986	672	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17019	Elk Creek	986	673	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17020	Elk Creek	986	674	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17021	Elk Creek	986	675	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17022	Elk Creek	986	676	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
17023	Elk Creek	986	677	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17024	Elk Creek	986	678	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17025	Elk Creek	986	679	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17026	Elk Creek	986	680	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17027	Elk Creek	986	681	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17028	Elk Creek	986	681	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17029	Elk Creek	986	683	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17030	Elk Creek	986	684	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17031	Elk Creek	986	685	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17032	Elk Creek	986	686	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17033	Elk Creek	986	687	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17034	Elk Creek	986	688	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17035	Elk Creek	986	689	along Stony Creek	155-M	Elk Creek 15'		Late Jurassic M Zone
17036	Elk Creek	986	690	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17037	Elk Creek	986	692	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17038	Elk Creek	986	693	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17039	Elk Creek	986	694	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17040	Elk Creek	986	695	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17041	Elk Creek	986	696	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17042	Elk Creek	986	697	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17043	Elk Creek	986	698	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17044	Elk Creek	986	699	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17045	Elk Creek	986	700	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17046	Elk Creek	986	701	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17047	Elk Creek	986	702	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17048	Elk Creek	986	703	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17049	Elk Creek	986	704	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17050	Elk Creek	986	705	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17051	Elk Creek	986	706	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17052	Elk Creek	986	707	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17053	Elk Creek	986	708	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17054	Elk Creek	986	709	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17055	Elk Creek	986	710	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17056	Elk Creek	986	711	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17057	Elk Creek	986	712	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17058	Elk Creek	986	713	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17059	Elk Creek	986	714	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17060	Elk Creek	986	715	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17061	Elk Creek	986	716	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17062	Elk Creek	986	717	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17063	Elk Creek	986	718	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17064	Elk Creek	986	719	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17065	Elk Creek	986	720	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17066	Elk Creek	986	721	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17067	Elk Creek	986	722	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17068	Elk Creek	986	723	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17069	Elk Creek	986	724	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17070	Elk Creek	986	725	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17071	Elk Creek	986	726	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17072	Elk Creek	986	727	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17073	Elk Creek	986	728	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17074	Elk Creek	986	729	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17075	Elk Creek	986	730	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17076	Elk Creek	986	731	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17077	Elk Creek	986	732	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17078	Elk Creek	986	733	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17079	Elk Creek	986	734	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17080	Elk Creek	986	735	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17081	Elk Creek	986	736	along Stony Creek	155-N	Elk Creek 15'		Late Jurassic M Zone
17082	Tassajara	987		5/1S/2E (SLP)	B-3	not on map	age from slide	Cretaceous arenaceous foraminifers
17083	Sutter Buttes	989	1	Fig Tree Gulch	229-G	Sac Valley		early? Eocene
17084	Sutter Buttes	989	3	Fig Tree Gulch	229-G	Sac Valley		early? Eocene
17085	Sutter Buttes	989	4	Fig Tree Gulch	229-G	Sac Valley		early Eocene B-4 Zone
17086	Tassajara	989		5/1S/2E (SLP)	B-8	not on map	age from slide	Cretaceous arenaceous foraminifers
17087	Palo alto	990		WC part of quad	115-F			early Eocene
17088	Ciervo Mountain	992	1	San Carlos Bolsa	I-10	New Idria 15'		Late Cretaceous arenaceous foraminifers
17089	Ciervo Mountain	992	2	San Carlos Bolsa	I-10	New Idria 15'		late Paleocene E Zone
17090	Ciervo Mountain	992	3	San Carlos Bolsa	I-10	New Idria 15'		late Paleocene E Zone
17091	Ciervo Mountain	992	4	San Carlos Bolsa	I-10	New Idria 15'		late Paleocene? E? Zone
17092	Ciervo Mountain	992	6	San Carlos Bolsa	I-10	New Idria 15'		late Paleocene E Zone
17093	Ciervo Mountain	993	1	San Carlos Bolsa	I-11	New Idria 15'		early Eocene C or D Zone
17094	Ciervo Mountain	993	2	San Carlos Bolsa	I-11	New Idria 15'		early Eocene C or D Zone
17095	Ciervo Mountain	993	3	San Carlos Bolsa	I-11	New Idria 15'		early Eocene C or D Zone
17096	Ciervo Mountain	993	4	San Carlos Bolsa	I-11	New Idria 15'		early Eocene C or D Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
17097	Ciervo Mountain	993	5	San Carlos Bolsa	I-11	New Idria 15'		early Eocene C Zone
17098	Ciervo Mountain	993	6	San Carlos Bolsa	I-11	New Idria 15'		early Eocene C Zone
17099	Ciervo Mountain	993	7	San Carlos Bolsa	I-11	New Idria 15'		early Eocene C Zone
17100	Ciervo Mountain	993	8	San Carlos Bolsa	I-11	New Idria 15'		early Eocene C Zone
17101	Ciervo Mountain	994	1	not on map	I-11	New Idria 15'		early Eocene C or D Zone
17102	Ciervo Mountain	994	2	not on map	I-11	New Idria 15'		early Eocene C or D Zone
17103	Ciervo Mountain	994	3	not on map	I-11	New Idria 15'		early Eocene C or D Zone
17104	Ciervo Mountain	994	4	not on map	I-11	New Idria 15'		early Eocene C or D Zone
17105	Ciervo Mountain	994	5	not on map	I-11	New Idria 15'		early Eocene C or D Zone
17106	Ciervo Mountain	994	6	not on map	I-11	New Idria 15'		early Eocene C or D Zone
17107	Ciervo Mountain	994	8	not on map	I-11	New Idria 15'		early Eocene C Zone
17108	Ciervo Mountain	994	9	not on map	I-11	New Idria 15'		early Eocene B or C Zone
17109	Ciervo Mountain	994	10	not on map	I-11	New Idria 15'		early Eocene B-4 Zone
17110	Parkfield	994		33/23S/14E	no slide			late Miocene or Pliocene
17111	Guinda	995	5	type Capay area	84-G	Smith Canyon	not on map	Early Cretaceous J-1 Zone
17112	Guinda	995	13	type Capay area	84-G	Smith Canyon	not on map	early Eocene
17113	Guinda	996		Capay Valley	no slide			Eocene arenaceous foraminifers
17114	Lompoc Hills	1000	8	SE part of quad	79-M		Slides have no	late Paleocene E Zone
17115	Lompoc Hills	1000	9	SE part of quad	79-M		locality #.	late Paleocene E Zone
17116	Lompoc Hills	1000	10	SE part of quad	no slide		Have Jalama	late Paleocene E Zone
17117	Point Conception	1000	1	NE part of quad	79-M	24/5N/34W	Creek on slide	early or middle Eocene
17118	Point Conception	1000	2	NE part of quad	79-M	24/5N/34W		early Eocene D Zone
17119	Point Conception	1000	3	NE part of quad	79-M	24/5N/34W		early Eocene D Zone
17120	Point Conception	1000	4	NE part of quad	79-M	24/5N/34W		early Eocene D Zone
17121	Point Conception	1000	5	NE part of quad	79-M	24/5N/34W		early Eocene D Zone
17122	Point Conception	1000	6	NE part of quad	79-M	24/5N/34W		early Eocene D Zone
17123	Point Conception	1000	7	NE part of quad	79-M	24/5N/34W		late Paleocene E Zone or early Eocene D Zone
17124	Denverton	1001	1	E side Kirby Hills	A-11			middle Eocene A-1 Zone
17125	Pitas Point	1003		Padre Juan Canyon	5-E			Pliocene
17126	Painted Rock	1004	2	NE corner of quad	155-K		age from map	Oligocene Zemorrian Stage
17127	Painted Rock	1004	3	NE corner of quad	155-K		age from map	Oligocene Zemorrian Stage
17128	Painted Rock	1004	4	NE corner of quad	155-K		age from map	Oligocene Zemorrian Stage
17129	Painted Rock	1004	5	NE corner of quad	155-K		age from map	Oligocene Zemorrian Stage
17130	Painted Rock	1004	6	NE corner of quad	155-K		age from map	Oligocene Zemorrian Stage
17131	Pitas Point	1004		Padre Juan Canyon	5-E			Pliocene
17132	McKittrick Summit	1005	1	center of quad	155-K			Oligocene Zemorrian Stage
17133	McKittrick Summit	1005	2	center of quad	155-K			Oligocene Zemorrian Stage
17134	McKittrick Summit	1005	3	center of quad	155-K			Oligocene Zemorrian Stage
17135	McKittrick Summit	1005	4	center of quad	155-K			Oligocene Zemorrian Stage
17136	McKittrick Summit	1005	5	center of quad	155-K			Oligocene Zemorrian Stage
17137	McKittrick Summit	1005	6	center of quad	155-K			Oligocene Zemorrian Stage
17138	McKittrick Summit	1005	7	center of quad	155-K			Oligocene Zemorrian Stage
17139	McKittrick Summit	1006	1	center of quad	155-K			Oligocene Zemorrian Stage
17140	McKittrick Summit	1006	2	center of quad	155-K			Oligocene Zemorrian Stage
17141	McKittrick Summit	1006	3	center of quad	155-K			Oligocene Zemorrian Stage
17142	McKittrick Summit	1006	4	center of quad	155-K			Oligocene Zemorrian Stage
17143	McKittrick Summit	1006	5	center of quad	155-K			Oligocene Zemorrian Stage
17144	McKittrick Summit	1006	7	center of quad	155-K			Oligocene Zemorrian Stage
17145	Pitas Point	1006		Padre Juan Canyon	5-E			Pliocene
17146	Pitas Point	1007		near Punta	5-E			Pliocene
17147	Pitas Point	1008		near Punta	5-E			late Miocene Delmontian Stage
17148	Mercy Hot Springs	1009	A100	NC part of quad	215-A	Panoche outcrops	Payne collector	See strat column for details
17149	Mercy Hot Springs	1009	A	NC part of quad	215-A	Panoche outcrops	ages from	Cretaceous
17150	Mercy Hot Springs	1009	C1	NC part of quad	215-A	Panoche outcrops	seismic map	Cretaceous
17151	Mercy Hot Springs	1009	D1	NC part of quad	215-A	Panoche outcrops	Stanford Univ	Cretaceous
17152	Mercy Hot Springs	1009	D2	NC part of quad	215-A	Panoche outcrops	Project. Have	Cretaceous
17153	Mercy Hot Springs	1009	4700	NC part of quad	215-A	Panoche outcrops	strat column	Cretaceous
17154	Mercy Hot Springs	1009	4725	NC part of quad	215-A	Panoche outcrops	and check list	Cretaceous
17155	Mercy Hot Springs	1009	4750	NC part of quad	215-A	Panoche outcrops		Cretaceous
17156	Mercy Hot Springs	1009	4850	NC part of quad	215-A	Panoche outcrops		Cretaceous
17157	Mercy Hot Springs	1009	5000	NC part of quad	215-A	Panoche outcrops		Cretaceous
17158	Mercy Hot Springs	1009	5300	NC part of quad	215-A	Panoche outcrops		Cretaceous
17159	Mercy Hot Springs	1009	5800	NC part of quad	215-A	Panoche outcrops		Cretaceous
17160	Mercy Hot Springs	1009	5900	NC part of quad	215-A	Panoche outcrops		Cretaceous
17161	Mercy Hot Springs	1009	6000	NC part of quad	215-A	Panoche outcrops		Cretaceous
17162	Mercy Hot Springs	1009	7000	NC part of quad	215-A	Panoche outcrops		Cretaceous
17163	Mercy Hot Springs	1009	7100	NC part of quad	215-A	Panoche outcrops		Cretaceous
17164	Mercy Hot Springs	1009	7200	NC part of quad	215-A	Panoche outcrops		Cretaceous
17165	Mercy Hot Springs	1009	7300	NC part of quad	215-A	Panoche outcrops		Cretaceous
17166	Mercy Hot Springs	1009	7400	NC part of quad	215-A	Panoche outcrops		Cretaceous
17167	Mercy Hot Springs	1009	7500	NC part of quad	215-A	Panoche outcrops		Cretaceous
17168	Mercy Hot Springs	1009	7600	NC part of quad	215-A	Panoche outcrops		Cretaceous
17169	Mercy Hot Springs	1009	7650	NC part of quad	215-A	Panoche outcrops		Cretaceous
17170	Mercy Hot Springs	1009	7700	NC part of quad	215-A	Panoche outcrops		Cretaceous

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
17171	Mercy Hot Springs	1009	7750	NC part of quad	215-A	Panoche outcrops		Cretaceous
17172	Mercy Hot Springs	1009	7800	NC part of quad	215-A	Panoche outcrops		Cretaceous
17173	Mercy Hot Springs	1009	7850	NC part of quad	215-A	Panoche outcrops		Cretaceous
17174	Mercy Hot Springs	1009	7875	NC part of quad	215-A	Panoche outcrops		Cretaceous
17175	Mercy Hot Springs	1009	7900	NC part of quad	215-A	Panoche outcrops		Cretaceous
17176	Mercy Hot Springs	1009	7950	NC part of quad	215-A	Panoche outcrops		Cretaceous
17177	Mercy Hot Springs	1009	8000	NC part of quad	215-A	Panoche outcrops		Cretaceous
17178	Mercy Hot Springs	1009	8050	NC part of quad	215-A	Panoche outcrops		Cretaceous
17179	Mercy Hot Springs	1009	8100	NC part of quad	215-A	Panoche outcrops		Cretaceous
17180	Mercy Hot Springs	1009	8150	NC part of quad	215-A	Panoche outcrops		Cretaceous
17181	Mercy Hot Springs	1009	8200	NC part of quad	215-A	Panoche outcrops		Cretaceous
17182	Mercy Hot Springs	1009	8300	NC part of quad	215-A	Panoche outcrops		Cretaceous
17183	Mercy Hot Springs	1009	8400	NC part of quad	215-A	Panoche outcrops		Cretaceous
17184	Mercy Hot Springs	1009	8500	NC part of quad	215-A	Panoche outcrops		Cretaceous
17185	Mercy Hot Springs	1009	8585	NC part of quad	215-A	Panoche outcrops		Cretaceous
17186	Mercy Hot Springs	1009	8600	NC part of quad	215-A	Panoche outcrops		Cretaceous
17187	Mercy Hot Springs	1009	8625	NC part of quad	215-A	Panoche outcrops		Cretaceous
17188	Mercy Hot Springs	1009	8650	NC part of quad	215-A	Panoche outcrops		Cretaceous
17189	Mercy Hot Springs	1009	8675	NC part of quad	215-A	Panoche outcrops		Cretaceous
17190	Mercy Hot Springs	1009	8700	NC part of quad	215-A	Panoche outcrops		Cretaceous
17191	Mercy Hot Springs	1009	8725	NC part of quad	215-A	Panoche outcrops		Cretaceous
17192	Mercy Hot Springs	1009	8775	NC part of quad	215-A	Panoche outcrops		Cretaceous
17193	Mercy Hot Springs	1009	8800	NC part of quad	215-A	Panoche outcrops		Cretaceous
17194	Mercy Hot Springs	1009	8850	NC part of quad	215-A	Panoche outcrops		Cretaceous
17195	Mercy Hot Springs	1009	8825	NC part of quad	215-A	Panoche outcrops		Cretaceous
17196	Mercy Hot Springs	1009	8750	NC part of quad	215-A	Panoche outcrops		Cretaceous
17197	Mercy Hot Springs	1009	8875	NC part of quad	215-A	Panoche outcrops		Cretaceous
17198	Mercy Hot Springs	1009	8900	NC part of quad	215-A	Panoche outcrops		Cretaceous
17199	Mercy Hot Springs	1009	8925	NC part of quad	215-A	Panoche outcrops		Cretaceous
17200	Mercy Hot Springs	1009	8950	NC part of quad	215-A	Panoche outcrops		Cretaceous
17201	Mercy Hot Springs	1009	8975	NC part of quad	215-A	Panoche outcrops		Cretaceous
17202	Mercy Hot Springs	1009	9000	NC part of quad	215-A	Panoche outcrops		Cretaceous
17203	Mercy Hot Springs	1009	9100	NC part of quad	215-A	Panoche outcrops		Cretaceous
17204	Mercy Hot Springs	1009	9150	NC part of quad	215-A	Panoche outcrops		Cretaceous
17205	Mercy Hot Springs	1009	9200	NC part of quad	215-B	Panoche outcrops		Cretaceous
17206	Mercy Hot Springs	1009	9250	NC part of quad	215-B	Panoche outcrops		Cretaceous
17207	Mercy Hot Springs	1009	9300	NC part of quad	215-B	Panoche outcrops		Cretaceous
17208	Mercy Hot Springs	1009	9350	NC part of quad	215-B	Panoche outcrops		Cretaceous
17209	Mercy Hot Springs	1009	9400	NC part of quad	215-B	Panoche outcrops		Cretaceous
17210	Mercy Hot Springs	1009	9425	NC part of quad	215-B	Panoche outcrops		Cretaceous
17211	Mercy Hot Springs	1009	9450	NC part of quad	215-B	Panoche outcrops		Cretaceous
17212	Mercy Hot Springs	1009	9475	NC part of quad	215-B	Panoche outcrops		Cretaceous
17213	Mercy Hot Springs	1009	9500	NC part of quad	215-B	Panoche outcrops		Cretaceous
17214	Mercy Hot Springs	1009	9525	NC part of quad	215-B	Panoche outcrops		Cretaceous
17215	Mercy Hot Springs	1009	9550	NC part of quad	215-B	Panoche outcrops		Cretaceous
17216	Mercy Hot Springs	1009	9575	NC part of quad	215-B	Panoche outcrops		Cretaceous
17217	Mercy Hot Springs	1009	9600	NC part of quad	215-B	Panoche outcrops		Cretaceous
17218	Mercy Hot Springs	1009	9625	NC part of quad	215-B	Panoche outcrops		Cretaceous
17219	Mercy Hot Springs	1009	9650	NC part of quad	215-B	Panoche outcrops		Cretaceous
17220	Mercy Hot Springs	1009	9675	NC part of quad	215-B	Panoche outcrops		Cretaceous
17221	Mercy Hot Springs	1009	9700	NC part of quad	215-B	Panoche outcrops		Cretaceous
17222	Mercy Hot Springs	1009	9725	NC part of quad	215-B	Panoche outcrops		Cretaceous
17223	Mercy Hot Springs	1009	9750	NC part of quad	215-B	Panoche outcrops		Cretaceous
17224	Mercy Hot Springs	1009	9775	NC part of quad	215-B	Panoche outcrops		Cretaceous
17225	Mercy Hot Springs	1009	9800	NC part of quad	215-B	Panoche outcrops		Cretaceous
17226	Mercy Hot Springs	1009	9825	NC part of quad	215-B	Panoche outcrops		Cretaceous
17227	Mercy Hot Springs	1009	9850	NC part of quad	215-B	Panoche outcrops		Cretaceous
17228	Mercy Hot Springs	1009	9875	NC part of quad	215-B	Panoche outcrops		Cretaceous
17229	Mercy Hot Springs	1009	9900	NC part of quad	215-B	Panoche outcrops		Cretaceous
17230	Mercy Hot Springs	1009	9975	NC part of quad	215-B	Panoche outcrops		Cretaceous
17231	Mercy Hot Springs	1009	10000	NC part of quad	215-B	Panoche outcrops		Cretaceous
17232	Mercy Hot Springs	1009	10025	NC part of quad	215-B	Panoche outcrops		Cretaceous
17233	Mercy Hot Springs	1009	10050	NC part of quad	215-B	Panoche outcrops		Cretaceous
17234	Mercy Hot Springs	1009	10075	NC part of quad	215-B	Panoche outcrops		Cretaceous
17235	Mercy Hot Springs	1009	10100	NC part of quad	215-B	Panoche outcrops		Cretaceous
17236	Mercy Hot Springs	1009	10125	NC part of quad	215-B	Panoche outcrops		Cretaceous
17237	Mercy Hot Springs	1009	10150	NC part of quad	215-B	Panoche outcrops		Cretaceous
17238	Mercy Hot Springs	1009	10175	NC part of quad	215-B	Panoche outcrops		Cretaceous
17239	Mercy Hot Springs	1009	10200	NC part of quad	215-B	Panoche outcrops		Cretaceous
17240	Mercy Hot Springs	1009	10250	NC part of quad	215-B	Panoche outcrops		Cretaceous
17241	Mercy Hot Springs	1009	10300	NC part of quad	215-B	Panoche outcrops		Cretaceous
17242	Mercy Hot Springs	1009	25000	NC part of quad	215-B	Panoche outcrops		Cretaceous
17243	Mercy Hot Springs	1009	24000	NC part of quad	215-B	Panoche outcrops		Cretaceous
17244	Mercy Hot Springs	1009	23000	NC part of quad	215-B	Panoche outcrops		Cretaceous

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
17245	Mercy Hot Springs	1009	22000	NC part of quad	215-B	Panoche outcrops		Cretaceous
17246	Mercy Hot Springs	1009	20000	NC part of quad	215-B	Panoche outcrops		Cretaceous
17247	Mercy Hot Springs	1009	19900	NC part of quad	215-B	Panoche outcrops		Cretaceous
17248	Mercy Hot Springs	1009	19250	NC part of quad	215-B	Panoche outcrops		Cretaceous
17249	Mercy Hot Springs	1009	18300	NC part of quad	215-B	Panoche outcrops		Cretaceous
17250	Mercy Hot Springs	1009	17700	NC part of quad	215-B	Panoche outcrops		Cretaceous
17251	Mercy Hot Springs	1009	17900	NC part of quad	215-B	Panoche outcrops		Cretaceous
17252	Mercy Hot Springs	1009	18100	NC part of quad	215-B	Panoche outcrops		Cretaceous
17253	Mercy Hot Springs	1009	17300	NC part of quad	215-B	Panoche outcrops		Cretaceous
17254	Mercy Hot Springs	1009	17500	NC part of quad	215-B	Panoche outcrops		Cretaceous
17255	Mercy Hot Springs	1009	17600	NC part of quad	215-B	Panoche outcrops		Cretaceous
17256	Mercy Hot Springs	1009	17000	NC part of quad	215-B	Panoche outcrops		Cretaceous
17257	Mercy Hot Springs	1009	17100	NC part of quad	215-B	Panoche outcrops		Cretaceous
17258	Mercy Hot Springs	1009	17200	NC part of quad	215-B	Panoche outcrops		Cretaceous
17259	Mercy Hot Springs	1009	16650	NC part of quad	215-C	Panoche outcrops		Cretaceous
17260	Mercy Hot Springs	1009	16700	NC part of quad	215-C	Panoche outcrops		Cretaceous
17261	Mercy Hot Springs	1009	16850	NC part of quad	215-C	Panoche outcrops		Cretaceous
17262	Mercy Hot Springs	1009	16300	NC part of quad	215-C	Panoche outcrops		Cretaceous
17263	Mercy Hot Springs	1009	16400	NC part of quad	215-C	Panoche outcrops		Cretaceous
17264	Mercy Hot Springs	1009	16500	NC part of quad	215-C	Panoche outcrops		Cretaceous
17265	Mercy Hot Springs	1009	11300	NC part of quad	215-C	Panoche outcrops		Cretaceous
17266	Mercy Hot Springs	1009	11100	NC part of quad	215-C	Panoche outcrops		Cretaceous
17267	Mercy Hot Springs	1009	11150	NC part of quad	215-C	Panoche outcrops		Cretaceous
17268	Mercy Hot Springs	1009	11200	NC part of quad	215-C	Panoche outcrops		Cretaceous
17269	Mercy Hot Springs	1009	10950	NC part of quad	215-C	Panoche outcrops		Cretaceous
17270	Mercy Hot Springs	1009	11000	NC part of quad	215-C	Panoche outcrops		Cretaceous
17271	Mercy Hot Springs	1009	11050	NC part of quad	215-C	Panoche outcrops		Cretaceous
17272	Mercy Hot Springs	1009	10800	NC part of quad	215-C	Panoche outcrops		Cretaceous
17273	Mercy Hot Springs	1009	10850	NC part of quad	215-C	Panoche outcrops		Cretaceous
17274	Mercy Hot Springs	1009	10900	NC part of quad	215-C	Panoche outcrops		Cretaceous
17275	Mercy Hot Springs	1009	10650	NC part of quad	215-C	Panoche outcrops		Cretaceous
17276	Mercy Hot Springs	1009	10700	NC part of quad	215-C	Panoche outcrops		Cretaceous
17277	Mercy Hot Springs	1009	10750	NC part of quad	215-C	Panoche outcrops		Cretaceous
17278	Mercy Hot Springs	1009	10400	NC part of quad	215-C	Panoche outcrops		Cretaceous
17279	Mercy Hot Springs	1009	10500	NC part of quad	215-C	Panoche outcrops		Cretaceous
17280	Mercy Hot Springs	1009	10600	NC part of quad	215-C	Panoche outcrops		Cretaceous
17281	Mercy Hot Springs	1009	10100	NC part of quad	215-C	Panoche outcrops		Cretaceous
17282	Mercy Hot Springs	1009	10200	NC part of quad	215-C	Panoche outcrops		Cretaceous
17283	Mercy Hot Springs	1009	10300	NC part of quad	215-C	Panoche outcrops		Cretaceous
17284	Mercy Hot Springs	1009	8900	NC part of quad	215-C	Panoche outcrops		Cretaceous
17285	Mercy Hot Springs	1009	9000	NC part of quad	215-C	Panoche outcrops		Cretaceous
17286	Mercy Hot Springs	1009	10000	NC part of quad	215-C	Panoche outcrops		Cretaceous
17287	Mercy Hot Springs	1009	8600	NC part of quad	215-C	Panoche outcrops		Cretaceous
17288	Mercy Hot Springs	1009	8700	NC part of quad	215-C	Panoche outcrops		Cretaceous
17289	Mercy Hot Springs	1009	8800	NC part of quad	215-C	Panoche outcrops		Cretaceous
17290	Mercy Hot Springs	1009	8300	NC part of quad	215-C	Panoche outcrops		Cretaceous
17291	Mercy Hot Springs	1009	8400	NC part of quad	215-C	Panoche outcrops		Cretaceous
17292	Mercy Hot Springs	1009	8500	NC part of quad	215-C	Panoche outcrops		Cretaceous
17293	Mercy Hot Springs	1009	8000	NC part of quad	215-C	Panoche outcrops		Cretaceous
17294	Mercy Hot Springs	1009	8100	NC part of quad	215-C	Panoche outcrops		Cretaceous
17295	Mercy Hot Springs	1009	8200	NC part of quad	215-C	Panoche outcrops		Cretaceous
17296	Mercy Hot Springs	1009	7800	NC part of quad	215-C	Panoche outcrops		Cretaceous
17297	Mercy Hot Springs	1009	7850	NC part of quad	215-C	Panoche outcrops		Cretaceous
17298	Mercy Hot Springs	1009	7900	NC part of quad	215-C	Panoche outcrops		Cretaceous
17299	Mercy Hot Springs	1009	7650	NC part of quad	215-C	Panoche outcrops		Cretaceous
17300	Mercy Hot Springs	1009	7700	NC part of quad	215-C	Panoche outcrops		Cretaceous
17301	Mercy Hot Springs	1009	7750	NC part of quad	215-C	Panoche outcrops		Cretaceous
17302	Mercy Hot Springs	1009	7450	NC part of quad	215-C	Panoche outcrops		Cretaceous
17303	Mercy Hot Springs	1009	7550	NC part of quad	215-C	Panoche outcrops		Cretaceous
17304	Mercy Hot Springs	1009	7600	NC part of quad	215-C	Panoche outcrops		Cretaceous
17305	Mercy Hot Springs	1009	7300	NC part of quad	215-C	Panoche outcrops		Cretaceous
17306	Mercy Hot Springs	1009	7350	NC part of quad	215-C	Panoche outcrops		Cretaceous
17307	Mercy Hot Springs	1009	7386	NC part of quad	215-C	Panoche outcrops		Cretaceous
17308	Mercy Hot Springs	1009	7150	NC part of quad	215-C	Panoche outcrops		Cretaceous
17309	Mercy Hot Springs	1009	7200	NC part of quad	215-C	Panoche outcrops		Cretaceous
17310	Mercy Hot Springs	1009	7250	NC part of quad	215-C	Panoche outcrops		Cretaceous
17311	Mercy Hot Springs	1009	5250	NC part of quad	215-C	Panoche outcrops		Cretaceous
17312	Mercy Hot Springs	1009	7050	NC part of quad	215-C	Panoche outcrops		Cretaceous
17313	Mercy Hot Springs	1009	7100	NC part of quad	215-C	Panoche outcrops		Cretaceous
17314	Mercy Hot Springs	1009	5100	NC part of quad	215-C	Panoche outcrops		Cretaceous
17315	Mercy Hot Springs	1009	5150	NC part of quad	215-C	Panoche outcrops		Cretaceous
17316	Mercy Hot Springs	1009	5200	NC part of quad	215-C	Panoche outcrops		Cretaceous
17317	Mercy Hot Springs	1009	4950	NC part of quad	215-D	Panoche outcrops		Cretaceous
17318	Mercy Hot Springs	1009	5000	NC part of quad	215-D	Panoche outcrops		Cretaceous

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
17319	Mercy Hot Springs	1009	5050	NC part of quad	215-D	Panoche outcrops		Cretaceous
17320	Mercy Hot Springs	1009	4800	NC part of quad	215-D	Panoche outcrops		Cretaceous
17321	Mercy Hot Springs	1009	4850	NC part of quad	215-D	Panoche outcrops		Cretaceous
17322	Mercy Hot Springs	1009	4900	NC part of quad	215-D	Panoche outcrops		Cretaceous
17323	Mercy Hot Springs	1009	4550	NC part of quad	215-D	Panoche outcrops		Cretaceous
17324	Mercy Hot Springs	1009	4600	NC part of quad	215-D	Panoche outcrops		Cretaceous
17325	Mercy Hot Springs	1009	4750	NC part of quad	215-D	Panoche outcrops		Cretaceous
17326	Mercy Hot Springs	1009	4400	NC part of quad	215-D	Panoche outcrops		Cretaceous
17327	Mercy Hot Springs	1009	4450	NC part of quad	215-D	Panoche outcrops		Cretaceous
17328	Mercy Hot Springs	1009	4500	NC part of quad	215-D	Panoche outcrops		Cretaceous
17329	Mercy Hot Springs	1009	4250	NC part of quad	215-D	Panoche outcrops		Cretaceous
17330	Mercy Hot Springs	1009	4300	NC part of quad	215-D	Panoche outcrops		Cretaceous
17331	Mercy Hot Springs	1009	4350	NC part of quad	215-D	Panoche outcrops		Cretaceous
17332	Mercy Hot Springs	1009	4050	NC part of quad	215-D	Panoche outcrops		Cretaceous
17333	Mercy Hot Springs	1009	4100	NC part of quad	215-D	Panoche outcrops		Cretaceous
17334	Mercy Hot Springs	1009	4200	NC part of quad	215-D	Panoche outcrops		Cretaceous
17335	Mercy Hot Springs	1009	3900	NC part of quad	215-D	Panoche outcrops		Cretaceous
17336	Mercy Hot Springs	1009	3950	NC part of quad	215-D	Panoche outcrops		Cretaceous
17337	Mercy Hot Springs	1009	4000	NC part of quad	215-D	Panoche outcrops		Cretaceous
17338	Mercy Hot Springs	1009	3600	NC part of quad	215-D	Panoche outcrops		Cretaceous
17339	Mercy Hot Springs	1009	3650	NC part of quad	215-D	Panoche outcrops		Cretaceous
17340	Mercy Hot Springs	1009	3850	NC part of quad	215-D	Panoche outcrops		Cretaceous
17341	Mercy Hot Springs	1009	3450	NC part of quad	215-D	Panoche outcrops		Cretaceous
17342	Mercy Hot Springs	1009	3500	NC part of quad	215-D	Panoche outcrops		Cretaceous
17343	Mercy Hot Springs	1009	3550	NC part of quad	215-D	Panoche outcrops		Cretaceous
17344	Mercy Hot Springs	1009	3300	NC part of quad	215-D	Panoche outcrops		Cretaceous
17345	Mercy Hot Springs	1009	3350	NC part of quad	215-D	Panoche outcrops		Cretaceous
17346	Mercy Hot Springs	1009	3400	NC part of quad	215-D	Panoche outcrops		Cretaceous
17347	Mercy Hot Springs	1009	3000	NC part of quad	215-D	Panoche outcrops		Cretaceous
17348	Mercy Hot Springs	1009	3200	NC part of quad	215-D	Panoche outcrops		Cretaceous
17349	Mercy Hot Springs	1009	3250	NC part of quad	215-D	Panoche outcrops		Cretaceous
17350	Mercy Hot Springs	1009	2800	NC part of quad	215-D	Panoche outcrops		Cretaceous
17351	Mercy Hot Springs	1009	2900	NC part of quad	215-D	Panoche outcrops		Cretaceous
17352	Mercy Hot Springs	1009	2950	NC part of quad	215-D	Panoche outcrops		Cretaceous
17353	Mercy Hot Springs	1009	2700	NC part of quad	215-D	Panoche outcrops		Cretaceous
17354	Mercy Hot Springs	1009	2750	NC part of quad	215-D	Panoche outcrops		Cretaceous
17355	Mercy Hot Springs	1009	2800	NC part of quad	215-D	Panoche outcrops		Cretaceous
17356	Mercy Hot Springs	1009	1250	NC part of quad	215-D	Panoche outcrops		Cretaceous
17357	Mercy Hot Springs	1009	1300	NC part of quad	215-D	Panoche outcrops		Cretaceous
17358	Mercy Hot Springs	1009	1400	NC part of quad	215-D	Panoche outcrops		Cretaceous
17359	Mercy Hot Springs	1009	950	NC part of quad	215-D	Panoche outcrops		Cretaceous
17360	Mercy Hot Springs	1009	1150	NC part of quad	215-D	Panoche outcrops		Cretaceous
17361	Mercy Hot Springs	1009	1200	NC part of quad	215-D	Panoche outcrops		Cretaceous
17362	Mercy Hot Springs	1009	650	NC part of quad	215-D	Panoche outcrops		Cretaceous
17363	Mercy Hot Springs	1009	700	NC part of quad	215-D	Panoche outcrops		Cretaceous
17364	Mercy Hot Springs	1009	500	NC part of quad	215-D	Panoche outcrops		Cretaceous
17365	Mercy Hot Springs	1009	550	NC part of quad	215-D	Panoche outcrops		Cretaceous
17366	Mercy Hot Springs	1009	600	NC part of quad	215-D	Panoche outcrops		Cretaceous
17367	Mercy Hot Springs	1009	300	NC part of quad	215-D	Panoche outcrops		Cretaceous
17368	Mercy Hot Springs	1009	400	NC part of quad	215-D	Panoche outcrops		Cretaceous
17369	Mercy Hot Springs	1009	450	NC part of quad	215-D	Panoche outcrops		Cretaceous
17370	Mercy Hot Springs	1009	150	NC part of quad	215-D	Panoche outcrops		Cretaceous
17371	Mercy Hot Springs	1009	200	NC part of quad	215-D	Panoche outcrops		Cretaceous
17372	Mercy Hot Springs	1009	250	NC part of quad	215-D	Panoche outcrops		Cretaceous
17373	Mercy Hot Springs	1009	1	NC part of quad	215-D	Panoche outcrops		Cretaceous
17374	Mercy Hot Springs	1009	50	NC part of quad	215-D	Panoche outcrops		Cretaceous
17375	Mercy Hot Springs	1009	100	NC part of quad	215-D	Panoche outcrops		Cretaceous
17376	Pitas Point	1009		near Punta	5-E			Pliocene
17377	Pitas Point	1010		near Punta Gorda	5-E			Miocene
17378	Pitas Point	1011		near Punta Gorda	5-E			early Miocene Saucesian? Stage
17379	Denverton	1012	1	Bradmoor Island	A-13	not on map		Tertiary
17380	White Ledge Peak	1012		E of Rincon Creek	5-E			middle Miocene
17381	White Ledge Peak	1013		E of Rincon Creek	5-E			early Miocene upper Saucesian Stage
17382	Denverton	1014	1	Bradmoor Island	A-13	13/4N/1W	not on map	Late Cretaceous F Zone
17383	White Ledge Peak	1014		E of Rincon Creek	5-E			Pliocene
17384	White Ledge Peak	1015		E of Rincon Creek	5-E			Pliocene
17385	White Ledge Peak	1016		E of Rincon Creek	5-E			Miocene
17386	Denverton	1017	1	Potrero Hills	A-13	not on map		Eocene
17387	White Ledge Peak	1017		E of Rincon Creek	5-E			middle and late Miocene upper Mohnian Stage
17388	White Ledge Peak	1018		E of Rincon Creek	5-E			middle and late Miocene Mohnian Stage
17389	Ventura	1019		center of quad	5-E			Pliocene
17390	Ventura	1020		center of quad	5-E			Pliocene
17391	Ventura	1021		center of quad	5-E			Pliocene
17392	Ventura	1022		center of quad	5-E			Pliocene

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
17393	Ventura	1023		center of quad	5-E			Pliocene
17394	Ventura	1024		center of quad	5-E			Pliocene
17395	Denverton	1025	100	Geophysics core hl	49-N	not on map Check	Capay	Eocene
17396	Denverton	1025	105	Geophysics core hl	49-N	geophysical maps	Capay	Eocene
17397	Denverton	1025	110	Geophysics core hl	49-N	Denverton area.	Capay	Eocene
17398	Denverton	1025	115	Geophysics core hl	49-N	Report says	Capay	Eocene
17399	Denverton	1025	120	Geophysics core hl	49-N	18/4N/1E	Capay	Eocene
17400	Denverton	1025	125	Geophysics core hl	49-N		Capay	Eocene
17401	Denverton	1025	130	Geophysics core hl	49-N		Capay	Eocene
17402	Newbury Park	1025		Arroyo Conejo	5-A			early Miocene Relizian Stage
17403	Denverton	1026	120	Geophysics core hl	50-I	12/4N/1W	Capay	Eocene
17404	Denverton	1026	125	Geophysics core hl	50-I	Potrero Hills but	Capay	Eocene
17405	Denverton	1026	130	Geophysics core hl	50-I	not on map	Capay	Eocene
17406	Denverton	1026	135	Geophysics core hl	50-I		Capay	Eocene
17407	Denverton	1026	140	Geophysics core hl	50-I		Capay	Eocene
17408	Denverton	1026	145	Geophysics core hl	50-I		Capay	Eocene
17409	Denverton	1026	150	Geophysics core hl	50-I		Capay	Eocene
17410	Denverton	1026	155	Geophysics core hl	50-I		Capay	Eocene
17411	Newbury Park	1026		Arroyo Conejo	5-A			early Miocene Relizian Stage
17412	Newbury Park	1027		Arroyo Conejo	5-A			early Miocene Relizian Stage
17413	Pitas Point	1028		Padre Juan Canyon	5-A			Pliocene
17414	Pitas Point	1029		Padre Juan Canyon	5-A			Pliocene
17415	Pitas Point	1030		Padre Juan Canyon	5-A			Pliocene
17416	Ventura	1031		Canada del Diablo	5-C			Pliocene
17417	Calaveras Resevoir	1032	A	Alum Rock Pk area	51-G		not on map	middle Miocene
17418	Calaveras Resevoir	1032	B	Alum Rock Pk area	51-G		not on map	middle Miocene
17419	Calaveras Resevoir	1032	C	Alum Rock Pk area	51-G		not on map	middle Miocene
17420	Ventura	1032		Canada del Diablo	5-C			Pliocene
17421	Denverton	1033	60	Geophysics core hl	51-G	Bradmore Island	18/4N/1E	Eocene
17422	Denverton	1033	70	Geophysics core hl	51-F	but not on map	Capay	Eocene
17423	Denverton	1033	80	Geophysics core hl	51-F		Capay	Eocene
17424	Denverton	1033	90	Geophysics core hl	51-F		Capay	Eocene
17425	Denverton	1033	100	Geophysics core hl	51-F		Capay	Eocene
17426	Denverton	1033	110	Geophysics core hl	51-F		Capay	Eocene
17427	Denverton	1033	120	Geophysics core hl	51-F		Capay	Eocene
17428	Ventura	1033		Canada del Diablo	5-C			Pliocene
17429	Denverton	1034	55	Geophysics core hl	51-F	Bradmore Island	13/4N/1W	Eocene
17430	Denverton	1034	60	Geophysics core hl	51-F	but not on map	Capay	Eocene
17431	Denverton	1034	70	Geophysics core hl	51-F		Capay	Eocene
17432	Denverton	1034	75	Geophysics core hl	51-F		Capay	Eocene
17433	Denverton	1034	80	Geophysics core hl	51-F		Capay	Eocene
17434	Denverton	1034	85	Geophysics core hl	51-F		Capay	Eocene
17435	Denverton	1034	90	Geophysics core hl	51-F		Capay	Eocene
17436	Denverton	1034	100	Geophysics core hl	51-F		Capay	Eocene
17437	Denverton	1034	110	Geophysics core hl	51-F		Capay	Eocene
17438	Denverton	1034	120	Geophysics core hl	51-F		Capay	Eocene
17439	Denverton	1034	130	Geophysics core hl	51-F		Capay	Eocene
17440	Denverton	1034	140	Geophysics core hl	51-F		Capay	Eocene
17441	Denverton	1034	150	Geophysics core hl	51-F		Capay	Eocene
17442	Denverton	1034	160	Geophysics core hl	51-F		Capay	Eocene
17443	Denverton	1034	170	Geophysics core hl	51-F		Capay	Eocene
17444	Denverton	1034	180	Geophysics core hl	51-F		Capay	Eocene
17445	Denverton	1034	190	Geophysics core hl	51-F		Capay	Eocene
17446	Denverton	1034	200	Geophysics core hl	51-F		Capay	Eocene
17447	Denverton	1034	210	Geophysics core hl	51-F		Capay	Eocene
17448	Ventura	1034		Canada del Diablo	5-C			Pliocene
17449	Ventura	1035		Canada del Diablo	5-C		fault zone?	mixed Pliocene and Miocene
17450	Denverton	1036	100	Geophysics core hl	51-B	Bradmore Island	Capay	Eocene
17451	Denverton	1036	105	Geophysics core hl	51-B	but not on map	Capay	Eocene
17452	Denverton	1036	110	Geophysics core hl	51-B		Capay	Eocene
17453	Denverton	1036	120	Geophysics core hl	51-B		Capay	Eocene
17454	Denverton	1036	120	Geophysics core hl	51-B		Capay	Eocene
17455	Piru	1036		SC part of quad	no slide			Miocene
17456	Piru	1037		SW corner of quad	no slide			middle and late Miocene lower Mohnian Stage
17457	Denverton	1038	50	Geophysics core hl	51-F	Bradmore Island	Capay	Eocene
17458	Denverton	1038	60	Geophysics core hl	51-F	but not on map	Capay	Eocene
17459	Denverton	1038	66	Geophysics core hl	51-F		Capay	Eocene
17460	Denverton	1038	66	Geophysics core hl	51-F		Capay	Eocene
17461	Denverton	1038	80	Geophysics core hl	51-F		Capay	Eocene
17462	Denverton	1038	90	Geophysics core hl	51-F		Capay	Eocene
17463	Denverton	1038	100	Geophysics core hl	51-F		Capay	Eocene
17464	Denverton	1038	110	Geophysics core hl	51-F		Capay	Eocene
17465	Denverton	1038	150	Geophysics core hl	51-F		Capay	Eocene
17466	Denverton	1038	160	Geophysics core hl	51-F		Capay	Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
17467	Denverton	1038	170	Geophysics core hl	51-F			Cretaceous arenaceous foraminifers
17468	Denverton	1038	180	Geophysics core hl	51-F			Cretaceous arenaceous foraminifers
17469	Denverton	1038	190	Geophysics core hl	51-F			Cretaceous arenaceous foraminifers
17470	Piru	1038		SC part of quad	no slide			Miocene
17471	Denverton	1039	100	Geophysics core hl	51-B		Capay	Eocene
17472	Denverton	1040	60	Geophysics core hl	53-D		13/4N/1W	Mixed Cretaceous and Eocene. Reworking?
17473	Denverton	1040	60	Geophysics core hl	53-D		1425' N and	Mixed Cretaceous and Eocene. Reworking?
17474	Denverton	1040	70	Geophysics core hl	53-D	Mixed forams	100' W from	Mixed Cretaceous and Eocene. Reworking?
17475	Denverton	1040	80	Geophysics core hl	53-D	suggest either	SE corner	Mixed Cretaceous and Eocene. Reworking?
17476	Denverton	1040	90	Geophysics core hl	53-D	reworking, caving		Mixed Cretaceous and Eocene. Reworking?
17477	Denverton	1040	100	Geophysics core hl	53-D	or faulting from		Mixed Cretaceous and Eocene. Reworking?
17478	Denverton	1040	110	Geophysics core hl	53-E	top to bottom of		Mixed Cretaceous and Eocene. Reworking?
17479	Denverton	1040	120	Geophysics core hl	53-E	drill hole. Not sure		Mixed Cretaceous and Eocene. Reworking?
17480	Denverton	1040	130	Geophysics core hl	53-E	if these are cores		Mixed Cretaceous and Eocene. Reworking?
17481	Denverton	1040	140	Geophysics core hl	53-E	or drill stem		Mixed Cretaceous and Eocene. Reworking?
17482	Denverton	1040	150	Geophysics core hl	53-E	samples. Probably		Mixed Cretaceous and Eocene. Reworking?
17483	Denverton	1040	160	Geophysics core hl	53-E	ditch samples like		Mixed Cretaceous and Eocene. Reworking?
17484	Denverton	1040	170	Geophysics core hl	53-E	those in 1042.		Mixed Cretaceous and Eocene. Reworking?
17485	Denverton	1040	180	Geophysics core hl	53-E	Bradmore Island		Mixed Cretaceous and Eocene. Reworking?
17486	Denverton	1040	190	Geophysics core hl	53-E	but not on map		Mixed Cretaceous and Eocene. Reworking?
17487	Denverton	1040	200	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17488	Denverton	1040	210	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17489	Denverton	1040	220	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17490	Denverton	1040	230	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17491	Denverton	1040	240	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17492	Denverton	1040	250	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17493	Denverton	1040	260	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17494	Denverton	1040	270	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17495	Denverton	1040	280	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17496	Denverton	1040	290	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17497	Denverton	1040	300	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17498	Denverton	1040	310	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17499	Denverton	1040	320	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17500	Denverton	1040	330	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17501	Denverton	1040	340	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17502	Denverton	1040	350	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17503	Denverton	1040	360	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17504	Denverton	1040	370	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17505	Denverton	1040	380	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17506	Denverton	1040	390	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17507	Denverton	1040	400	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17508	Denverton	1040	410	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17509	Denverton	1040	420	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17510	Denverton	1040	430	Geophysics core hl	53-E			Mixed Cretaceous and Eocene. Reworking?
17511	Saint Helena	1041		SE part of quad	no slide		abun rads	Eocene?
17512	Denverton	1042	80	Geophysics core hl	53-E	Bradmore Island	13/4N/1W	Eocene
17513	Denverton	1042	80	Geophysics core hl	53-E	but not on map	1438'N and	Eocene
17514	Denverton	1042	100	Geophysics core hl	53-E		25'W from SE	Eocene
17515	Denverton	1042	110	Geophysics core hl	53-E		corner. Ditch	Eocene
17516	Denverton	1042	120	Geophysics core hl	53-E		samples	Eocene
17517	Denverton	1042	130	Geophysics core hl	53-E		Capay	Eocene
17518	Denverton	1042	140	Geophysics core hl	53-E		Capay	Eocene
17519	Denverton	1042	150	Geophysics core hl	53-E		Capay	Eocene
17520	Denverton	1042	160	Geophysics core hl	53-E		Capay	Eocene
17521	Denverton	1042	170	Geophysics core hl	53-E		Capay	Eocene
17522	Denverton	1042	180	Geophysics core hl	53-E		Capay	Eocene
17523	Denverton	1042	190	Geophysics core hl	53-E		Capay	Eocene
17524	Denverton	1042	200	Geophysics core hl	53-E		Capay	Eocene
17525	Denverton	1042	210	Geophysics core hl	53-E		Capay	Eocene
17526	Denverton	1042	220	Geophysics core hl	53-E		Capay	Eocene
17527	Denverton	1042	230	Geophysics core hl	53-E		Capay	Eocene
17528	Denverton	1042	240	Geophysics core hl	53-E		Capay	Eocene
17529	Denverton	1042	250	Geophysics core hl	53-E		Capay	Eocene
17530	Denverton	1042	260	Geophysics core hl	53-E		Capay	Eocene
17531	Denverton	1042	270	Geophysics core hl	53-E		Capay	Eocene
17532	Denverton	1042	280	Geophysics core hl	53-E		Capay	Eocene
17533	Denverton	1042	290	Geophysics core hl	53-E		Capay	Eocene
17534	Denverton	1042	300	Geophysics core hl	53-E		Capay	Eocene
17535	Denverton	1042	310	Geophysics core hl	53-E		Capay	Eocene
17536	Denverton	1042	320	Geophysics core hl	53-E		Capay	Eocene
17537	Denverton	1042	330	Geophysics core hl	53-E		Capay	Eocene
17538	Denverton	1042	340	Geophysics core hl	53-E		Capay	Eocene
17539	Denverton	1042	350	Geophysics core hl	53-F		Capay	Eocene
17540	Denverton	1042	360	Geophysics core hl	53-F		Capay	Eocene

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
17541	Denverton	1042	370	Geophysics core hl	53-F		Capay	Eocene
17542	Denverton	1042	380	Geophysics core hl	53-F		Capay	Eocene
17543	Denverton	1042	390	Geophysics core hl	53-F		Capay	Eocene
17544	Denverton	1042	400	Geophysics core hl	53-F		Capay	Eocene
17545	Denverton	1042	410	Geophysics core hl	53-F		Capay	Eocene
17546	Denverton	1042	420	Geophysics core hl	53-F		Capay	Eocene
17547	Denverton	1042	430	Geophysics core hl	53-F		Capay	Eocene
17548	Denverton	1042	440	Geophysics core hl	53-F		Capay	Eocene
17549	Denverton	1042	450	Geophysics core hl	53-F		Capay	Eocene
17550	Denverton	1042	460	Geophysics core hl	53-F		Capay	Eocene
17551	Denverton	1042	470	Geophysics core hl	53-F		Capay	Mixed Cretaceous and Eocene. Reworking?
17552	Denverton	1042	480	Geophysics core hl	53-F		Capay	Mixed Cretaceous and Eocene. Reworking?
17553	Denverton	1042	490	Geophysics core hl	53-F		Capay	Mixed Cretaceous and Eocene. Reworking?
17554	Denverton	1042	500	Geophysics core hl	53-F		Capay	Mixed Cretaceous and Eocene. Reworking?
17555	Denverton	1042	510	Geophysics core hl	53-F		Capay	Mixed Cretaceous and Eocene. Reworking?
17556	Denverton	1042	520	Geophysics core hl	53-F		Capay	Mixed Cretaceous and Eocene. Reworking?
17557	Denverton	1042	530	Geophysics core hl	53-F		Capay	Mixed Cretaceous and Eocene. Reworking?
17558	Denverton	1042	540	Geophysics core hl	53-F		Capay	Mixed Cretaceous and Eocene. Reworking?
17559	Denverton	1042	550	Geophysics core hl	53-F		Capay	Mixed Cretaceous and Eocene. Reworking?
17560	Denverton	1043	70	Geophysics core hl	115-D	13/4N/1W		Mixed Cretaceous and Eocene. Reworking?
17561	Denverton	1043	80	Geophysics core hl	115-D	1413' N and 96'W		Mixed Cretaceous and Eocene. Reworking?
17562	Denverton	1043	90	Geophysics core hl	115-D	from SE corner.		Mixed Cretaceous and Eocene. Reworking?
17563	Denverton	1043	100	Geophysics core hl	115-D	Ditch samples.		Mixed Cretaceous and Eocene. Reworking?
17564	Denverton	1043	110	Geophysics core hl	115-D			Mixed Cretaceous and Eocene. Reworking?
17565	Denverton	1043	120	Geophysics core hl	115-D			Mixed Cretaceous and Eocene. Reworking?
17566	Denverton	1043	130	Geophysics core hl	115-D			Mixed Cretaceous and Eocene. Reworking?
17567	Denverton	1043	140	Geophysics core hl	115-D	See notes		Mixed Cretaceous and Eocene. Reworking?
17568	Denverton	1043	150	Geophysics core hl	115-D	for 1040 above.		Mixed Cretaceous and Eocene. Reworking?
17569	Denverton	1043	160	Geophysics core hl	115-D	Bradmore Island		Mixed Cretaceous and Eocene. Reworking?
17570	Denverton	1043	170	Geophysics core hl	115-D	but not on map		Mixed Cretaceous and Eocene. Reworking?
17571	Denverton	1043	180	Geophysics core hl	115-D			Mixed Cretaceous and Eocene. Reworking?
17572	Denverton	1043	190	Geophysics core hl	115-E			Mixed Cretaceous and Eocene. Reworking?
17573	Denverton	1043	200	Geophysics core hl	115-E			Mixed Cretaceous and Eocene. Reworking?
17574	Denverton	1043	210	Geophysics core hl	115-E			Mixed Cretaceous and Eocene. Reworking?
17575	Denverton	1043	220	Geophysics core hl	115-E			Mixed Cretaceous and Eocene. Reworking?
17576	Denverton	1043	230	Geophysics core hl	115-E			Mixed Cretaceous and Eocene. Reworking?
17577	Denverton	1043	240	Geophysics core hl	115-E			Mixed Cretaceous and Eocene. Reworking?
17578	Denverton	1043	250	Geophysics core hl	115-E			Mixed Cretaceous and Eocene. Reworking?
17579	Simi	1046	A	Happy Camp	57-I			Early Cretaceous J-1 Zone
17580	Bradley	1047		S Antonio Riv Rd	no slide			middle Miocene Luisian? Stage
17581	Goleta	1047	A	Fairview Road	no slide			early Miocene Relizian Stage
17582	Goleta	1047	B	Fairview Road	no slide			early Miocene Relizian Stage
17583	Denverton	1048	10	1/4N/1W	no slide	N of Potrero Hills		Eocene
17584	Newbury Park	1048		EC part of quad	no slide			possibly early Miocene Relizian Stage
17585	Denverton	1049	5	1/4N/1W	no slide	N of Potrero Hills		Eocene
17586	White Ledge Peak	1049		SW corner of quad	no slide			middle Miocene lower Luisian Stage
17587	Stockdale Mountain	1050		NW corner of quad	no slide	Lyropecten and	Astrodapsis	early Pliocene
17588	White Ledge Peak	1050		SW corner of quad	no slide			early to middle Miocene Saucesian to Luisian Stage
17589	White Ledge Peak	1051		SW corner of quad	no slide			early Miocene Relizian Stage
17590	White Ledge Peak	1052		SW corner of quad	no slide			early Miocene Saucesian Stage
17591	White Ledge Peak	1053		SW corner of quad	no slide			early Miocene Saucesian Stage
17592	White Ledge Peak	1054		SW corner of quad	no slide			early Miocene Relizian Stage
17593	Sutter Buttes	1055		Fig Tree Gulch	no slide	28/16N/1E	see file 7511	early Eocene B-4 Zone (NP correlation)
17594	Tassajara	1055		EC part of quad	no slide		age from map	Late Cretaceous
17595	White Ledge Peak	1055		SW corner of quad	no slide			early Miocene Relizian Stage
17596	Tassajara	1056		EC part of quad	no slide		age from map	Late Cretaceous
17597	White Ledge Peak	1056		SW corner of quad	no slide			early to middle Miocene Saucesian to Luisian Stage
17598	Tassajara	1057		EC part of quad	no slide		age from map	Late Cretaceous
17599	Tassajara	1058		EC part of quad	no slide		age from map	Late Cretaceous
17600	Tassajara	1060		EC part of quad	no slide		age from map	Late Cretaceous
17601	Tassajara	1061		EC part of quad	no slide		age from map	Late Cretaceous
17602	Tassajara	1062		EC part of quad	no slide		age from map	Late Cretaceous
17603	White Ledge Peak	1062		SW corner of quad	no slide			late Miocene or Pliocene
17604	Tassajara	1063		EC part of quad	no slide		age from map	Late Cretaceous
17605	Tassajara	1064		EC part of quad	no slide		age from map	Late Cretaceous
17606	Tassajara	1065		NC part of quad	no slide		age from map	Late Cretaceous
17607	White Ledge Peak	1065		SC part of quad	no slide			probably middle Miocene
17608	White Ledge Peak	1066		SC part of quad	no slide			early Miocene lower Relizian Stage
17609	White Ledge Peak	1067		SC part of quad	no slide			early Miocene Saucesian Stage
17610	White Ledge Peak	1068		SC part of quad	no slide			middle Miocene
17611	White Ledge Peak	1069		SC part of quad	no slide			early Miocene Relizian Stage
17612	White Ledge Peak	1070		SC part of quad	no slide			middle Miocene Luisian Stage
17613	Matilija	1071		SC part of quad	no slide			early Miocene Relizian Stage
17614	Santa Paula	1072	A	center of quad	no slide			middle Miocene Luisian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
17615	Santa Paula	1072	B	center of quad	no slide			middle Miocene Luisian Stage
17616	Santa Paula	1072	C	center of quad	no slide			middle Miocene Luisian Stage
17617	Matilija	1073		SE part of quad	no slide			early Miocene Relizian Stage
17618	Matilija	1074		SE part of quad	no slide			early Miocene Relizian Stage
17619	Goleta	1076		1/4N/28W	no slide			early Miocene Saucesian Stage
17620	Thousand Oaks	1077		WC part of quad	no slide			middle Miocene Luisian Stage
17621	Newbury Park	1082		EC part of quad	no slide			possibly middle Miocene Luisian Stage
17622	Pitas Point	1085		Punta Gorda area	no slide			Pliocene
17623	Pitas Point	1088		Punta Gorda area	no slide			Pliocene
17624	Pitas Point	1089		Punta Gorda area	no slide			Pleistocene
17625	Pitas Point	1091		Punta Gorda area	no slide			late Pliocene
17626	Pitas Point	1092		Punta Gorda area	no slide			early Miocene lower Relizian Stage
17627	Pitas Point	1094		Punta Gorda area	no slide			Pliocene
17628	Pitas Point	1095		Punta Gorda area	no slide			Pliocene
17629	Wheeler Springs	1097	1	NW part of quad	no slide	see #439	strat column	Eocene
17630	Tar Springs Ridge	1102		Dry Creek	no slide			middle Miocene Luisian Stage
17631	Tar Springs Ridge	1103		Dry Creek	no slide			middle Miocene Luisian Stage
17632	The Dark Hole	1111	1	Arroyo Pinoso	161-G			Late Cretaceous arenaceous foraminifers
17633	The Dark Hole	1111	1B	Arroyo Pinoso	161-G			Late Cretaceous arenaceous foraminifers
17634	The Dark Hole	1111	3	Arroyo Pinoso	161-G			middle Eocene A-2 Zone
17635	The Dark Hole	1111	7	Arroyo Pinoso	161-G			late Miocene Delmontian? Stage
17636	The Dark Hole	1111	8B	Arroyo Pinoso	161-G			Pliocene
17637	The Dark Hole	1111	9A	Arroyo Pinoso	161-G			probably Pliocene
17638	The Dark Hole	1111	11A	Arroyo Pinoso	161-G			Pliocene
17639	The Dark Hole	1111	12B	Arroyo Pinoso	161-G			Pliocene
17640	Garza Peak	1112		Reef Ridge	G-13		not on map	middle Eocene A-2 Zone
17641	Garza Peak	1113	2	Garza Creek	no slide			middle Eocene A-2 Zone
17642	Garza Peak	1113	2	Garza/Canoas Cks	G-13			middle Eocene A-2 Zone
17643	Tar Springs Ridge?	1113		Dry Creek	no slide		not on map	early Miocene Saucesian Stage
17644	Tar Springs Ridge?	1114		Dry Creek	no slide		not on map	middle Miocene Luisian Stage
17645	Caldwell Mesa	1115		E of Porter Ranch	no slide			early or middle Miocene
17646	Guinda	1120	2	Wildcat Ck area	151-H	Guinda 15'	25/12N/2W	Late Cretaceous F-1 Zone
17647	Guinda	1120	3	Wildcat Ck area	151-H	Guinda 15'	Have strat	Late Cretaceous F-1 Zone
17648	Guinda	1120	4	Wildcat Ck area	151-H	Guinda 15'	column	Late Cretaceous F-1 Zone
17649	Guinda	1120	5	Wildcat Ck area	151-H	Guinda 15'		Late Cretaceous F-1 Zone
17650	Guinda	1120	6	Wildcat Ck area	151-H	Guinda 15'		Late Cretaceous F-1 Zone
17651	Guinda	1120	7	Wildcat Ck area	151-H	Guinda 15'		Late Cretaceous F-1 Zone
17652	Guinda	1120	8	Wildcat Ck area	151-H	Guinda 15'		Late Cretaceous F-1 Zone
17653	Guinda	1120	9	Wildcat Ck area	151-H	Guinda 15'		Late Cretaceous F-2 Zone
17654	Guinda	1120	10	Wildcat Ck area	151-H	Guinda 15'		Late Cretaceous F-2 Zone
17655	Bird Valley	1121	1	Tut Canyon	151-H	Guinda 15'	17/11N/2W	Late Cretaceous F-1 Zone
17656	Bird Valley	1121	3	Tut Canyon	151-H	Guinda 15'	strat column	Late Cretaceous F-1 Zone
17657	Guinda	1121	10	Tut Canyon	151-H	Guinda 15'	strat column	Late Cretaceous F-2 Zone
17658	Bird Valley	1122	1	Capay Hills	151-I	Guinda 15'	29/11N/2W	Late Cretaceous F-1 Zone
17659	Bird Valley	1122	3	Capay Hills	151-I	Guinda 15'	strat column	Late Cretaceous F-1 Zone
17660	Bird Valley	1122	5	Capay Hills	151-I	Guinda 15'		Late Cretaceous F-1 Zone
17661	Bird Valley	1122	19	Capay Hills	151-I	Guinda 15'		Late Cretaceous F-1 Zone
17662	Bird Valley	1123	4	Capay Hills	151-I	Guinda 15'	32/11N/2W	probably Late Cretaceous F-1
17663	Bird Valley	1123	6	Capay Hills	151-I	Guinda 15'		probably Late Cretaceous F-1
17664	Bird Valley	1123	7	Capay Hills	151-I	Guinda 15'	strat column	probably Late Cretaceous F-1
17665	Bird Valley	1123	8	Capay Hills	151-I	Guinda 15'		probably Late Cretaceous F-1
17666	Bird Valley	1123	9	Capay Hills	151-I	Guinda 15'		probably Late Cretaceous F-1
17667	Bird Valley	1123	10	Capay Hills	151-I	Guinda 15'		probably Late Cretaceous F-1
17668	Bird Valley	1124	6	Capay Hills	151-I	Guinda 15'		Late Cretaceous F-1 Zone
17669	Bird Valley	1124	9	Capay Hills	151-I	Guinda 15'		Late Cretaceous F-1 Zone
17670	Bird Valley	1124	14	Capay Hills	151-I	Guinda 15'	17/11N/2W	Late Cretaceous F-1 Zone
17671	Bird Valley	1124	15	Capay Hills	151-I	Guinda 15'		Late Cretaceous F-1 Zone
17672	Bird Valley	1124	16	Capay Hills	151-I	Guinda 15'		Late Cretaceous F-1 Zone
17673	Huasna Peak	1124		Alamo Creek	no slide	filed in loc # **14**	strat column	middle and late Miocene Mohnian Stage
17674	Bird Valley	1125	11	Sulphur Springs	151-I	Guinda 15'	7/11N/2W	Late Cretaceous F-1 Zone
17675	Bird Valley	1125	12	Sulphur Springs	151-I	Guinda 15'		Late Cretaceous F-1 Zone
17676	Tar Springs Ridge	1126		NE part of quad	no slide	sample barren but	strat position	middle and late Miocene Mohnian Stage
17677	Bird Valley	1127	15	Little Salt Canyon	151-I	Guinda 15'	1/11N/3W	Late Cretaceous G-1 Zone
17678	Bird Valley	1127	16	Little Salt Canyon	151-I	Guinda 15'		Late Cretaceous G-1 Zone
17679	Bird Valley	1127	17	Little Salt Canyon	151-I	Guinda 15'		Late Cretaceous G-1 Zone
17680	Guinda	1127	6	Little Salt Canyon	151-I	Guinda 15'		Late Cretaceous F-1? Zone
17681	Guinda	1127	7	Little Salt Canyon	151-I	Guinda 15'	strat column	Late Cretaceous F-1? Zone
17682	Guinda	1127	12	Little Salt Canyon	151-I	Guinda 15'	6/11N/1W	Late Cretaceous F-1? Zone
17683	Tar Springs Ridge	1127		NE part of quad	no slide	sample barren but	strat position	middle and late Miocene Mohnian Stage
17684	Guinda	1128	2	Gibbs Spring area	151-K	Guinda 15'	7/11N/3W	Late Cretaceous G-1 Zone; also has NP
17685	Guinda	1128	4	Gibbs Spring area	151-K	Guinda 15'	strat column	Late Cretaceous G-1 Zone
17686	Guinda	1128	5	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	Late Cretaceous G-1 Zone
17687	Guinda	1128	6	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	Late Cretaceous G-1 Zone
17688	Guinda	1128	7	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	Late Cretaceous G-1 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
17689	Guinda	1128	8	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	Late Cretaceous G-1 Zone
17690	Guinda	1128	9	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	Late Cretaceous G-1 Zone
17691	Guinda	1128	10	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	Late Cretaceous G-1 Zone
17692	Guinda	1128	11	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	Late Cretaceous G-1 Zone
17693	Tar Springs Ridge	1128		NE part of quad	no slide	sample barren but	strat position	middle and late Miocene Mohnian Stage
17694	Rumsey	1129	1	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17695	Rumsey	1129	2	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17696	Rumsey	1129	3	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17697	Rumsey	1129	4	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17698	Rumsey	1129	5	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17699	Rumsey	1129	6	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17700	Rumsey	1129	7	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17701	Rumsey	1129	8	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17702	Rumsey	1129	9	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17703	Rumsey	1129	10	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17704	Rumsey	1129	11	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17705	Rumsey	1129	12	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17706	Rumsey	1129	13	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17707	Rumsey	1129	14	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17708	Rumsey	1129	15	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17709	Rumsey	1129	16	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17710	Rumsey	1129	17	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17711	Rumsey	1129	18	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17712	Rumsey	1129	19	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17713	Rumsey	1129	20	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17714	Rumsey	1129	21	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17715	Rumsey	1129	22	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17716	Rumsey	1129	23	Sand Creek	152-J	Guinda 15'	7/13N/3W	Late Cretaceous G-1 Zone
17717	Tar Springs Ridge	1129		NE part of quad	no slide	sample barren but	strat position	middle and late Miocene Mohnian Stage
17718	Brooks	1130	1	Salt Arroyo	151-L	L Berryessa 15'	25/10N/3W	Late Cretaceous G-1 Zone
17719	Brooks	1130	2	Salt Arroyo	151-L	L Berryessa 15'	Have strat	Late Cretaceous G-1 Zone
17720	Brooks	1130	3	Salt Arroyo	151-L	L Berryessa 15'	column	Late Cretaceous G-1 Zone
17721	Brooks	1130	4	Salt Arroyo	151-L	L Berryessa 15'		Late Cretaceous G-1 Zone
17722	Brooks	1130	5	Salt Arroyo	151-L	L Berryessa 15'		Late Cretaceous G-1 Zone
17723	Brooks	1130	6	Salt Arroyo	151-L	L Berryessa 15'		Late Cretaceous G-1 Zone
17724	Brooks	1130	7	Salt Arroyo	151-L	L Berryessa 15'		Late Cretaceous G-1 Zone
17725	Brooks	1130	8	Salt Arroyo	151-L	L Berryessa 15'		Late Cretaceous G-1 Zone
17726	Brooks	1130	9	Salt Arroyo	151-L	L Berryessa 15'		Late Cretaceous G-1 Zone
17727	Brooks	1130	10	Salt Arroyo	151-L	L Berryessa 15'		Late Cretaceous G-1 Zone
17728	Brooks	1130	11	Salt Arroyo	151-L	L Berryessa 15'		Late Cretaceous G-1 Zone
17729	Brooks	1130	12	Salt Arroyo	151-L	L Berryessa 15'		Late Cretaceous G-1 Zone
17730	Brooks	1130	14	Salt Arroyo	151-L	L Berryessa 15'		Late Cretaceous F-1 or G-1 Zone
17731	Brooks	1130	15	Salt Arroyo	151-L	L Berryessa 15'		Late Cretaceous F-1 or G-1 Zone
17732	Brooks	1130	21	Salt Arroyo	151-L	L Berryessa 15'	19/10N/2W	Late Cretaceous F-1 or F-2 Zone
17733	Esparto	1130	23	Salt Arroyo	151-L	strat column	30/10N/2W	Late Cretaceous F-1 Zone
17734	Tar Springs Ridge	1130		NE part of quad	no slide	sample barren but	strat position	middle and late Miocene Mohnian Stage
17735	Esparto	1131	3	Cottonwood Canyon	151-L	strat column	17/9N/2W	Late Cretaceous G-1 Zone
17736	Esparto	1131	5	Cottonwood Canyon	151-L	L Berryessa 15'	Ctnwood Ck	Late Cretaceous F-1 or G-1 Zone
17737	Esparto	1131	6	Cottonwood Canyon	151-L	L Berryessa 15'	17/9N/2W	Late Cretaceous F-1 or G-1 Zone
17738	Esparto	1131	10	Cottonwood Canyon	151-L	L Berryessa 15'	16/9N/2W	Late Cretaceous arenaceous foraminifers
17739	Esparto	1131	17	Cottonwood Canyon	151-L	L Berryessa 15'		Late Cretaceous F-1 Zone
17740	Esparto	1131	18	Cottonwood Canyon	151-L	L Berryessa 15'		Late Cretaceous F-1 Zone
17741	Esparto	1131	20	Cottonwood Canyon	151-L	L Berryessa 15'		Late Cretaceous F-1 Zone
17742	Esparto	1131	21	Cottonwood Canyon	151-L	L Berryessa 15'		Late Cretaceous F-1 Zone
17743	Esparto	1131	23	Cottonwood Canyon	151-L	L Berryessa 15'		Late Cretaceous F-1 Zone
17744	Monticello Dam	1132	6	Putah Creek	151-L			middle Eocene
17745	Monticello Dam	1133	6	Enos Creek	151-M		strat column	Late Cretaceous F-1 Zone
17746	Monticello Dam	1133	6	Enos Creek	93-C		duplicates?	Late Cretaceous F-1 Zone
17747	Fairfield North	1134	8	Pena House vicinity	151-M	29-30/6N/1W		Late Cretaceous F-1 Zone
17748	Fairfield North	1134	9	Pena House vicinity	151-M	Along Hwy 80		Late Cretaceous F-1 Zone
17749	Fairfield North	1134	10	Pena House vicinity	151-M	Along Hwy 80		Late Cretaceous F-1 Zone
17750	Fairfield North	1134	11	Pena House vicinity	151-M	Along Hwy 80		Late Cretaceous F-1 Zone
17751	Fairfield North	1134	12	Pena House vicinity	151-M	Along Hwy 80		Late Cretaceous F-1 Zone
17752	Fairfield North	1134	13	Pena House vicinity	151-M	Along Hwy 80		Late Cretaceous F-1 Zone
17753	Fairfield North	1134	14	Pena House vicinity	151-M	Along Hwy 80		Late Cretaceous F-1 Zone
17754	Fairfield North	1134	15	Pena House vicinity	151-M	Along Hwy 80		Late Cretaceous F-2 Zone
17755	Fairfield North	1134	20	Pena House vicinity	151-M	Along Hwy 80		Late Cretaceous F-2 Zone
17756	Tejon Hills	1138		center of quad	no slide			middle? Miocene
17757	Wilson Valley	1140	15	Cache Creek	152-J	Morgan Valley 15'	19/13N/5W	probably Early Cretaceous L Zone
17758	Wilson Valley	1140	80	Cache Creek	152-J	Morgan Valley 15'		Jurassic?
17759	Wilson Valley	1140	107	Cache Creek	152-J	Morgan Valley 15'		Jurassic?
17760	Wilson Valley	1140	132	Cache Creek	152-J	Morgan Valley 15'		Jurassic?
17761	Wilson Valley	1140	156	Cache Creek	152-J	Morgan Valley 15'		Jurassic?
17762	Wilson Valley	1140	187	Cache Creek	152-J	Morgan Valley 15'		Jurassic?

	A	B	C	D	E	F	G	H
1	**USGS 7.5' QUAD**	**LOC #**	**SUB**	**GENERAL LOCATION**	**SLIDE #**	**MISCELLANEOUS**	**MISC**	**ZONE/STAGE/SERIES/AGE**
17763	Wilson Valley	1141	55	Cache Creek	151-E	Morgan Valley 15'	19/13N/5W	Jurassic?
17764	Wilson Valley	1141	111	Cache Creek	151-E	Morgan Valley 15'		Jurassic?
17765	Arroyo Grande NE	1143	N5	EC part of quad	69-A	Arroyo Grande 15'		Oligocene lower Zemorrian Stage
17766	Arroyo Grande NE	1144	N6	EC part of quad	69-A	Arroyo Grande 15'		Oligocene lower Zemorrian Stage
17767	Wilson Valley	1144	1	Cache Creek	150-F	Morgan Valley 15'	19/13N/5W	Jurassic?
17768	Arroyo Grande NE	1145	N7	EC part of quad	69-A	Arroyo Grande 15'		middle and late Miocene lower Mohnian Stage
17769	Tar Springs Ridge	1146	N8	NW part of quad	69-A	Nipomo 15'		early Miocene lower Relizian Stage
17770	Tar Springs Ridge	1147	N9	NW part of quad	69-A	Nipomo 15'		early or middle Miocene Relizian or Luisian Stage
17771	Tar Springs Ridge	1147	N11	NW part of quad	69-A	Nipomo 15'		early Miocene Relizian Stage
17772	Santa Margarita Lake	1149		SW corner of quad	no slide	Pozo 15'		middle Miocene Luisian Stage
17773	Twitchell Dam	1158		NW corner of quad	no slide			early Miocene Relizian Stage
17774	Maricopa	1167		Maricopa area	A-11	sa Oceano		middle and late Miocene lower Mohnian Stage
17775	Maricopa	1168		Maricopa area	A-11		4/11N/24E	middle and late Miocene lower Mohnian Stage
17776	Maricopa	1169		Maricopa area	A-11			middle and late Miocene lower Mohnian Stage
17777	Pismo Beach	1186		NE part of quad	69-A	Arroyo Grande 15'		middle and late Miocene Mohnian Stage
17778	Pismo Beach	1197		SE part of quad	no slide	Arroyo Grande 15'		early or middle Miocene
17779	Pismo Beach	1199		SE part of quad	no slide	Arroyo Grande 15'		early Miocene Relizian Stage
17780	Whitaker Peak	1209		EC part of quad	no slide			middle and late Miocene upper Mohnian Stage
17781	Point Dume	1289		EC part of quad	no slide			Eocene
17782	Napa	1299		Conn Creek	no slide	Sonoma 15'		Eocene
17783	Saint Helena	1299		SC part of quad	no slide			middle Eocene
17784	Canada Gobernadora	1315		San Juan Creek	no slide			middle and late Miocene Mohnian Stage
17785	Lockwood Valley	1333	3	Upper Piru Creek	89-N	see loc **355** for		middle Eocene A-2 Zone
17786	Lockwood Valley	1333	4	Upper Piru Creek	89-N	strat column but		middle Eocene A-2 Zone
17787	Lockwood Valley	1333	6	Upper Piru Creek	89-N	not on map		middle Eocene A-2 Zone
17788	Lockwood Valley	1333	8	Upper Piru Creek	89-N			middle Eocene A-2 Zone
17789	Lockwood Valley	1333	9	Upper Piru Creek	89-N			middle Eocene A-2 Zone
17790	Lockwood Valley	1333	12	Upper Piru Creek	89-N			middle Eocene A-2 Zone
17791	Lockwood Valley	1333	13	Upper Piru Creek	89-N			middle Eocene A-2 Zone
17792	Canada Gobernadora	1335		S Juan Capistrano	24-A			middle Miocene Luisian Stage
17793	San Juan Capistrano	1339		EC part of quad	24-A			middle and late Miocene Mohnian Stage
17794	San Juan Capistrano	1340		EC part of quad	24-A			middle and late Miocene lower Mohnian Stage
17795	San Juan Capistrano	1341		NE part of quad	24-A			late Miocene
17796	Salisbury Potrero	1342		SE part of quad	no slide	Salisbury Cyn 15'	age from map	middle Miocene Luisian Stage
17797	Salisbury Potrero	1343		center of quad	no slide	Salisbury Cyn 15'	age from map	early Miocene Relizian Stage
17798	El Toro	1344		SE part of quad	no slide			middle and late Miocene Mohnian Stage
17799	San Juan Capistrano	1344		S Juan Capistrano	24-A			middle and late Miocene Mohnian Stage
17800	El Toro	1347		SE part of quad	no slide			middle and late Miocene Mohnian Stage
17801	Santiago Peak	1355		SW corner of quad	no slide			middle and late Miocene lower Mohnian Stage
17802	Palo Alto	1357		Woodside area	115-F	6/6S/3W	abun planktics	Eocene
17803	San Juan Capistrano	1357		S Juan Capistrano	24-A			Pliocene
17804	Kettleman Plain	1358		SW corner of quad	no slide		age from map	Eocene
17805	El Toro	1359		EC part of quad	24-A			middle and late Miocene lower Mohnian Stage
17806	San Juan Capistrano	1360		WC part of quad	24-A			middle and late Miocene lower Mohnian Stage
17807	San Juan Capistrano	1362		NW part of quad	61-J			middle Miocene upper Luisian Stage
17808	San Juan Capistrano	1363		NW part of quad	61-J			middle Miocene upper Luisian Stage
17809	San Juan Capistrano	1363		NW part of quad	74-C			middle Miocene upper Luisian Stage
17810	San Juan Capistrano	1364		NW part of quad	74-C			early or middle Miocene Relizian or Luisian Stage
17811	Ciervo Mountain	1375		Monocline Ridge	91-B	New Idria 15'	age from map	Eocene?
17812	Ciervo Mountain	1376		Ciervo Mountain	91-B	New Idria 15'	age from map	Eocene?
17813	Lillis Ranch	1378		NW corner of quad	91-B	Joaquin Rocks 15'		late Eocene Refugian? Stage
17814	Canada Gobernadora	1379		San Juan Creek	no slide			Cretaceous
17815	Monocline Ridge	1382		Tumey Gulch	no slide	New Idria 15'		early Eocene C Zone
17816	Monocline Ridge	1383		Tumey Gulch	no slide	New Idria 15'		Late Cretaceous
17817	Monocline Ridge	1384		Tumey Gulch	no slide	New Idria 15'	strat column	early Eocene D? zone
17818	Monocline Ridge	1387		Tumey Gulch	no slide	New Idria 15'	strat column	early Eocene D? zone
17819	Tierra Redonda Mtn	1401		center of quad	82-D	Bradley 15'	strat column	middle Miocene Luisian Stage
17820	Stockdale Mountain	1403		34/23S/13E	no slide	Pecten/oyster reef		early Pliocene
17821	Atascadero	1441		E of Eagle Peak	82-D	S. Luis Obispo 15'		middle Miocene upper Luisian Stage
17822	Templeton	1442		SW part of quad	82-D	Paso Robles 15'		middle Miocene upper Luisian Stage
17823	Templeton	1443		SE part of quad	82-D	Paso Robles 15'		middle Miocene upper Luisian Stage
17824	Denverton	1450	2	Geophysics core hl	no slide		1/4N/1W	Eocene
17825	Denverton	1451	6	Geophysics core hl	no slide		6/4N/1E	Eocene
17826	Denverton	1453	17	Geophysics core hl	no slide		6/4N/1E	Eocene
17827	Denverton	1454	9	Geophysics core hl	no slide		1/4N/1W	Cretaceous
17828	Denverton	1455	4	Geophysics core hl	no slide		1/4N/1W	Cretaceous
17829	Denverton	1456	12	Geophysics core hl	no slide		12/4N/1W	Eocene
17830	Denverton	1457	12	Geophysics core hl	no slide		12/4N/1W	Cretaceous
17831	Denverton	1458	18	Geophysics core hl	no slide		12/4N/1W	mixture of Cretaceous and Eocene faunas
17832	Denverton	1459	15	Geophysics core hl	no slide		12/4N/1W	Eocene
17833	Denverton	1460	7	Geophysics core hl	no slide		13/4N/1W	Cretaceous
17834	Denverton	1461	7	Geophysics core hl	no slide		13/4N/1W	Eocene?
17835	Denverton	1463	10	Geophysics core hl	no slide		13/4N/1W	Eocene
17836	Byron Hot Springs	1475	30	Near Byron Hot Sp	71-G	Kellogg shale	15/1S/1E	middle Eocene Nortonville fauna

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
17837	Byron Hot Springs	1475	40	Near Byron Hot Sp	71-G	Kellogg shale	corehole	middle Eocene Nortonville fauna
17838	Byron Hot Springs	1475	50	Near Byron Hot Sp	71-G	Kellogg shale	corehole	middle Eocene Nortonville fauna
17839	Byron Hot Springs	1475	60	Near Byron Hot Sp	71-G	Kellogg shale	corehole	middle Eocene Nortonville fauna
17840	Byron Hot Springs	1475	70	Near Byron Hot Sp	71-G	Kellogg shale	corehole	middle Eocene Nortonville fauna
17841	Byron Hot Springs	1475	80	Near Byron Hot Sp	71-G	Kellogg shale	corehole	middle Eocene Nortonville fauna
17842	Byron Hot Springs	1475	90	Near Byron Hot Sp	71-G	Kellogg shale	corehole	middle Eocene Nortonville fauna
17843	Byron Hot Springs	1475	100	Near Byron Hot Sp	71-G	Kellogg shale	corehole	middle Eocene Nortonville fauna
17844	Denverton	1476	22	Geophysics core hl	no slide		7/4N/1E	Eocene
17845	Denverton	1477	22	Geophysics core hl	no slide		7/4N/1E	Eocene
17846	Denverton	1478	22	Geophysics core hl	no slide		7/4N/1E	Eocene
17847	Denverton	1479	22	Geophysics core hl	no slide		7/4N/1E	Eocene
17848	Woodside	1480	1	NW part of quad	76-N	25/4S/5W (SLP)		Eocene
17849	Woodside	1480	2	NW part of quad	76-N	25/4S/5W (SLP)		Eocene
17850	Woodside	1480	3	NW part of quad	76-N	25/4S/5W (SLP)		Eocene
17851	Woodside	1480	4	NW part of quad	76-N	25/4S/5W (SLP)		Eocene
17852	Antioch South	1494		N of Antioch Airpt	83-I	31/2N/2E	radiolaria age	Eocene
17853	Antioch South	1495		NE part of quad	83-I	33/2N/2E	radiolaria age	Eocene
17854	Antioch South	1496	A	NE part of quad	83-I	33/2N/2E	radiolaria age	Eocene
17855	Antioch South	1496	C	NE part of quad	83-I	33/2N/2E	radiolaria age	Eocene
17856	Antioch South	1496	D	NE part of quad	83-I	33/2N/2E	radiolaria age	Eocene
17857	Antioch South	1496	K	NE part of quad	83-I	33/2N/2E	radiolaria age	Eocene
17858	Antioch South	1497	2	NE part of quad	83-I	4/1N/2E	seis Ln A-304	middle Eocene A-2 Zone
17859	Antioch South	1497	3	NE part of quad	83-I	4/1N/2E	seis Ln A-304	middle Eocene A-2 Zone
17860	Antioch South	1497	4	NE part of quad	83-I	4/1N/2E	seis Ln A-304	middle Eocene A-1 Zone
17861	Brentwood	1497		NW part of quad	83-I		seis Ln A-304	Eocene?
17862	Arroyo Grande NE	1500		Edna area	no slide	Arroyo Grande 15'		middle and late Miocene Mohnian? Stage
17863	Arroyo Grande NE	1501		Edna area	no slide	Arroyo Grande 15'		middle and late Miocene Mohnian? Stage
17864	Taylor Canyon	1501		EC part of quad	22-G	Caliente Mtn 15'	age from map	middle Miocene Luisian Stage
17865	Pismo Beach	1508		SE corner of quad	no slide	Arroyo Grande 15'		early Miocene Relizian Stage
17866	Caliente Mountain	1511		Morales Canyon	22-G	Caliente Mtn 15'	age from map	middle Miocene
17867	Caliente Mountain	1514		Morales Canyon	22-G	Caliente Mtn 15'	age from map	middle Miocene Luisian? Stage
17868	Pismo Beach	1515		NC part of quad	69-A	Arroyo Grande 15'		early Miocene Relizian Stage
17869	Arroyo Grande NE	1519		Edna area	69-A	Arroyo Grande 15'		Miocene
17870	Arroyo Grande NE	1520		Edna area	69-A	Arroyo Grande 15'		Miocene
17871	Arroyo Grande NE	1521		Edna area	no slide	Arroyo Grande 15'		early or middle Miocene Relizian or Luisian Stage
17872	Arroyo Grande NE	1522		Edna area	no slide	Arroyo Grande 15'		middle Miocene Luisian Stage
17873	Caliente Mountain	1522		Morales Canyon	22-G	Caliente Mtn 15'	age from map	early Miocene lower Relizian Stage
17874	Arroyo Grande NE	1523		Edna area	no slide	Arroyo Grande 15'		early Miocene Relizian Stage
17875	Arroyo Grande NE	1524		Edna area	no slide	Arroyo Grande 15'		early Miocene lower Relizian Stage
17876	Caliente Mountain	1524		Morales Canyon	22-G	Caliente Mtn 15'	age from map	middle Miocene
17877	Arroyo Grande NE	1526		Edna area	no slide	Arroyo Grande 15'		early or middle Miocene Relizian or Luisian Stage
17878	La Panza Ranch	1526		San Juan Creek	68-I	La Panza 15'	Navajo Ridge	middle Miocene Luisian Stage
17879	Arroyo Grande NE	1528		Edna area	no slide	Arroyo Grande 15'		middle Miocene Luisian Stage
17880	La Panza Ranch	1528		San Juan Creek	68-I	La Panza 15'		middle Miocene Luisian Stage
17881	La Panza Ranch	1529		San Juan Creek	68-I	La Panza 15'		middle Miocene
17882	La Panza Ranch	1530		San Juan Creek	68-I	La Panza 15'		early or middle Miocene Relizian or Luisian Stage
17883	La Panza Ranch	1533		Navajo Creek	68-I	La Panza 15'		middle Miocene Luisian Stage
17884	La Panza Ranch	1534		Navajo Creek	68-I	La Panza 15'		middle Miocene Luisian Stage
17885	La Panza Ranch	1535		Navajo Creek	68-I	La Panza 15'		middle Miocene Luisian Stage
17886	La Panza Ranch	1536		Navajo Creek	68-I	La Panza 15'		middle Miocene Luisian Stage
17887	La Panza Ranch	1537		Navajo Creek	68-I	La Panza 15'		middle Miocene Luisian Stage
17888	La Panza Ranch	1538		Navajo Creek	68-I	La Panza 15'		middle Miocene
17889	Tar Springs Ridge	1538		NE part of quad	no slide	only mollusk but	strat position	middle and late Miocene upper Mohnian Stage
17890	Tar Springs Ridge	1539		NE part of quad	no slide	only mollusk but	strat position	middle and late Miocene upper Mohnian Stage
17891	Tar Springs Ridge	1540		NE part of quad	no slide	sample barren but	strat position	middle and late Miocene upper Mohnian Stage
17892	Tar Springs Ridge	1541		NE part of quad	no slide	fossils not diagnos.	strat position	middle and late Miocene upper Mohnian Stage
17893	Tar Springs Ridge	1542		NE part of quad	no slide	sample barren but	strat position	middle and late Miocene upper Mohnian Stage
17894	Tar Springs Ridge	1543		NE part of quad	no slide	only mollusk but	strat position	middle and late Miocene upper Mohnian Stage
17895	Tar Springs Ridge	1544		NE part of quad	no slide	only mollusk but	strat position	middle and late Miocene upper Mohnian Stage
17896	Tar Springs Ridge	1545		NE part of quad	no slide	fossils not diagnos.	strat position	middle and late Miocene upper Mohnian Stage
17897	Tar Springs Ridge	1546		NE part of quad	no slide	sample barren but	strat position	middle and late Miocene upper Mohnian Stage
17898	La Panza Ranch	1547		Navajo Creek	40-G	La Panza 15'		early Miocene Relizian? Stage
17899	Tar Springs Ridge	1547		NE part of quad	no slide	fossils not diagnos.	strat position	middle and late Miocene upper Mohnian Stage
17900	La Panza Ranch	1548		Navajo Creek	40-G	La Panza 15'		early Miocene Relizian? Stage
17901	Tar Springs Ridge	1548		NE part of quad	no slide	fossils not diagnos.	strat position	middle and late Miocene upper Mohnian Stage
17902	Tar Springs Ridge	1552		NE part of quad	no slide	sample barren but	strat position	middle and late Miocene upper Mohnian Stage
17903	Huasna Peak	1555		Alamo Creek	no slide	Nipomo 15'	strat column	late Miocene
17904	Huasna Peak	1560		Alamo Creek	no slide	Nipomo 15'		middle and late Miocene upper Mohnian Stage
17905	Huasna Peak	1561		Alamo Creek	no slide	Nipomo 15'		middle Miocene Luisian Stage
17906	Huasna Peak	1565		Alamo Creek	no slide	Nipomo 15'	strat column	middle Miocene Luisian Stage
17907	Huasna Peak	1566		Alamo Creek	no slide	Nipomo 15'	strat column	middle Miocene upper Luisian Stage
17908	Huasna Peak	1567		Alamo Creek	no slide	Nipomo 15'	strat column	middle Miocene upper Luisian Stage
17909	Huasna Peak	1568		Alamo Creek	no slide	Nipomo 15'	strat column	late Miocene or Pliocene
17910	Huasna Peak	1569		Alamo Creek	no slide	Nipomo 15'		late Miocene or Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
17911	Huasna Peak	1579		NE part of quad	69-A	Nipomo 15'		late Miocene
17912	Huasna Peak	1580		SE part of quad	69-A	Nipomo 15'	strat column	middle and late Miocene lower Mohnian Stage
17913	Huasna Peak	1583		SE part of quad	69-A	Nipomo 15'	strat column	middle Miocene Luisian Stage
17914	Caldwell Mesa	1584		Arroyo Seco	69-A	Nipomo 15'		middle Miocene Luisian Stage
17915	Caldwell Mesa	1585		Arroyo Seco	69-A	Nipomo 15'		middle Miocene Luisian Stage
17916	Caldwell Mesa	1586		Arroyo Seco	69-A	Nipomo 15'		middle Miocene lower Luisian Stage
17917	Caldwell Mesa	1587		Arroyo Seco	69-A	Nipomo 15'		early Miocene upper Relizian Stage
17918	Caldwell Mesa	1588		Arroyo Seco	69-A	Nipomo 15'		early Miocene upper Relizian Stage
17919	Caldwell Mesa	1589		Arroyo Seco	69-A	Nipomo 15'		early Miocene Relizian or middle Miocene Luisian Stage
17920	Caldwell Mesa	1590		Arroyo Seco	69-A	Nipomo 15'		early or middle Miocene
17921	Huasna Peak	1592		Railpen Canyon	69-A	Nipomo 15'		middle and late Miocene Mohnian Stage
17922	Huasna Peak	1593		Railpen Canyon	69-A	Nipomo 15'		late Miocene
17923	Caldwell Mesa	1594		Arroyo Seco	69-A	Nipomo 15'		middle and late Miocene lower Mohnian Stage
17924	Huasna Peak	1595		SE part of quad	69-A	Nipomo 15'	strat column	middle and late Miocene lower Mohnian Stage
17925	Salisbury Potrero	1602		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	early Miocene Relizian Stage
17926	Salisbury Potrero	1603		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	middle Miocene
17927	Salisbury Potrero	1604		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	early Miocene upper Relizian Stage
17928	Huasna Peak	1606		NW part of quad	69-A	Nipomo 15'		late Miocene
17929	Huasna Peak	1607		NW part of quad	69-A	Nipomo 15'		late Miocene
17930	Salisbury Potrero	1607		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	late Miocene
17931	Huasna Peak	1608		NW part of quad	69-A	Nipomo 15'		late Miocene
17932	Caldwell Mesa	1609		WC part of quad	no slide	Nipomo 15'		late Miocene Delmontian Stage
17933	Peak Mountain	1609		NW part of quad	40-L	McPherson Pk 15'	age from map	late Miocene
17934	Santa Margarita Lake	1615		SW part of quad	no slide	Pozo 15'	strat column	middle and late Miocene Mohnian Stage
17935	Salisbury Potrero	1619		Salisbury Canyon	40-L	Salisbury Cyn 15'	strat column	middle Miocene Luisian? Stage
17936	Santa Margarita Lake	1619		SW part of quad	69-A	Pozo 15'	strat column	middle Miocene Luisian Stage
17937	Huasna Peak	1621		SE part of quad	69-A	Nipomo 15'		middle and late Miocene upper Mohnian Stage
17938	Huasna Peak	1622		SE part of quad	69-A	Nipomo 15'		middle and late Miocene lower Mohnian Stage
17939	Huasna Peak	1623		SE part of quad	69-A	Nipomo 15'		middle and late Miocene lower Mohnian Stage
17940	Huasna Peak	1624		SE part of quad	69-A	Nipomo 15'	Not sure these	middle and late Miocene lower Mohnian Stage
17941	New Cuyama	1624		SW part of quad	no slide	Salisbury Cyn 15'	age from map	late? Miocene
17942	Salisbury Potrero	1625		NW part of quad	40-L	Salisbury Cyn 15'	age from map	middle Miocene Luisian? Stage
17943	Tar Springs Ridge	1625		NW part of quad	69-A	filed in loc # **1126**	strat column	middle Miocene Luisian? Stage
17944	Tar Springs Ridge	1626		NW part of quad	69-A	Nipomo 15'	strat column	Miocene
17945	Tar Springs Ridge	1628		Near Big Baldy	69-B	Nipomo 15'	strat column	middle Miocene
17946	Tar Springs Ridge	1629		Near Big Baldy	69-B	Nipomo 15'	strat column	middle Miocene
17947	Tar Springs Ridge	1630		Near Big Baldy	69-B	Nipomo 15'	strat column	early or middle Miocene
17948	Tar Springs Ridge	1631		Near Big Baldy	69-B	Nipomo 15'	strat column	middle Miocene Luisian Stage
17949	Caldwell Mesa	1632		Porter Rnch area	69-B	Nipomo 15'	strat column	middle Miocene Luisian Stage
17950	New Cuyama	1632		SW part of quad	no slide	Salisbury Cyn 15'	age from map	late Miocene megafossils
17951	Caldwell Mesa	1633		Porter Rnch area	no slide	Nipomo 15'	strat column	late Miocene or Pliocene (sc indicates Mohnian Stage)
17952	Caldwell Mesa	1634		Porter Rnch area	no slide	Nipomo 15'	strat column	late Miocene or Pliocene (sc indicates Mohnian Stage)
17953	Caldwell Mesa	1635		Porter Rnch area	69-B	Nipomo 15'	strat column	middle and late Miocene Mohnian Stage
17954	Caldwell Mesa	1637		Porter Ranch area	69-B	Nipomo 15'		late Miocene ?
17955	Huasna Peak	1642		Huasna River	69-B	Nipomo 15'		middle and late Miocene lower Mohnian Stage
17956	Huasna Peak	1643		Alamo Creek	69-B	Nipomo 15'		probably middle and late Miocene Mohnian Stage
17957	Tar Springs Ridge	1644		SC part of quad	69-B	Nipomo 15'		early Miocene lower Relizian Stage
17958	Canada Gobernadora	1654	G	EC part of quad	no slide			Cretaceous
17959	Prado Dam	1654		SW part of quad	no slide	old corona Quad	several loc	Eocene, etc - difficult to read paleo notes
17960	San Juan Capistrano	1654	many	WC part of quad	no slide	from old Corona 15'		see reference loc 1654
17961	New Cuyama	1659		SW part of quad	no slide	Salisbury Cyn 15'	age from map	late Miocene megafossils
17962	New Cuyama	1660		SW corner of quad	no slide	Salisburn Cyn 15'	age from map	Cretaceous
17963	Salisbury Potrero	1661		NW part of quad	40-L	Salisbury Cyn 15'	age from map	early or middle Miocene
17964	Salisbury Potrero	1666		NC part of quad	40-L	Salisbury Cyn 15'	age from map	Miocene or Pliocene
17965	Huasna Peak	1670		SE part of quad	69-B	Nipomo 15'		middle and late Miocene Mohnian Stage
17966	Huasna Peak	1673		SE part of quad	69-B	Nipomo 15'		early Miocene Relizian or Saucesian Stage
17967	Peak Mountain	1681		NW part of quad	40-L	McPherson Pk 15'		middle and late Miocene upper Mohnian Stage
17968	Tar Springs Ridge	1681		SC part of quad	69-B	Nipomo 15'		middle and late Miocene upper? Mohnian Stage
17969	Peak Mountain	1687		NW part of quad	40-L	McPherson Pk 15'		early Miocene Saucesian or Relizian Stage
17970	Tar Springs Ridge	1687		WC part of quad	69-B	Nipomo 15'		early Miocene Saucesian or Relizian Stage
17971	Tar Springs Ridge	1688		WC part of quad	69-B	Nipomo 15'		middle and late Miocene Mohnian Stage
17972	New Cuyama	1689		SW part of quad	no slide	Salisbury Cyn 15'	age from map	middle Miocene
17973	Peak Mountain	1689		SE part of quad	40-L	McPherson Pk 15'	age from map	middle Miocene
17974	Peak Mountain	1690		SE part of quad	40-L	McPherson Pk 15'	age from map	middle Miocene
17975	Peak Mountain	1691		SE part of quad	40-L	McPherson Pk 15'	age from map	early Miocene Saucesian? Stage
17976	Tar Springs Ridge	1694		WC part of quad	no slide	Nipomo 15'	Pecten age	late Miocene or Pliocene
17977	Tar Springs Ridge	1695		WC part of quad	69-B	Nipomo 15'		late Miocene
17978	Salisbury Potrero	1697		NE part of quad	40-L	Salisbury Cyn 15'	age from map	late? Miocene
17979	Fox Mountain	1698		NW part of quad	40-L	Salisbury Cyn 15'		late? Miocene megafossils
17980	Huasna Peak	1698		Huasna Peak	69-B	Nipomo 15'	Barbara quads	middle and late Miocene Mohnian Stage
17981	Fox Mountain	1699		NW corner of quad	40-L	Salisbury Cyn 15'	age from map	early Miocene Saucesian Stage
17982	Tar Springs Ridge	1700		center of quad	no slide		Astrodapsis	late Miocene
17983	Fox Mountain	1702		NW corner of quad	40-L	Salisbury Cyn 15'		early or middle Miocene
17984	Fox Mountain?	1704		not on map	40-L	Salisbury Cyn 15'		late Miocene Delmontian? Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
17985	Fox Mountain?	1705		not on map	40-L	Salisbury Cyn 15'		late Miocene Delmontian? Stage
17986	Salisbury Potrero	1705		SE part of quad	40-L	Salisbury Cyn 15'	age from map	early Miocene Relizian Stage
17987	Fox Mountain	1706		SW part of quad	40-L	Salisbury Cyn 15'		early Miocene Relizian? Stage
17988	Huasna Peak	1706		SE part of quad	69-B	Nipomo 15'		possibly lower Luisian Stage
17989	Huasna Peak	1707		SE part of quad	69-B	Nipomo 15'		early Miocene Relizian Stage
17990	Fox Mountain	1708		SW part of quad	40-L	Salisbury Cyn 15'		Eocene?
17991	Huasna Peak	1709		SE part of quad	69-B	Nipomo 15'		Miocene
17992	Huasna Peak	1712		SE part of quad	69-B	Nipomo 15'		Miocene
17993	Huasna Peak	1714		Huasna River	69-B	Nipomo 15'		middle and late Miocene lower Mohnian Stage
17994	Huasna Peak	1715		Huasna River	no slide	Nipomo 15'		middle and late Miocene Mohnian Stage
17995	Hurricane Deck	1715		NE part of quad	40-L	McPherson Pk 15'	age from map	early Miocene Relizian Stage
17996	Salisbury Potrero	1716		EC part of quad	40-L	Salisbury Cyn 15'	age from map	early Miocene Relizian? Stage
17997	Hurricane Deck	1717		NE part of quad	40-L	McPherson Pk 15'	age from map	early Miocene Saucesian Stage or Relizian Stage
17998	Hurricane Deck	1718		NE part of quad	40-L	McPherson Pk 15'	age from map	early Miocene?
17999	Hurricane Deck	1719		NE part of quad	40-L	McPherson Pk 15'	age from map	early Miocene?
18000	Salisbury Potrero	1724		NW part of quad	40-L	Salisbury Cyn 15'	age from map	probably early Miocene Saucesian Stage
18001	Casmalia	1727		Lions Head area	69-B			early Miocene Relizian Stage
18002	Salisbury Potrero	1728		NW part of quad	40-M	Salisbury Cyn 15'	age from map	early Miocene Saucesian Stage
18003	Casmalia	1729		Lions Head area	69-B			Miocene
18004	Casmalia	1733		Lions Head area	69-B			middle Miocene Luisian? Stage
18005	Hurricane Deck	1734		NE part of quad	40-M	McPherson Pk 15'	age from map	Oligocene Zemorrian or early Miocene Saucesian Stage
18006	New Cuyama	1735		SW part of quad	no slide	Salisbury Cyn 15'	age from map	late Miocene megafossils
18007	Salisbury Potrero	1738		NE part of quad	40-M	Salisbury Cyn 15'	age from map	early Miocene Relizian Stage
18008	Lopez Mountain	1750	A	Oil Well Canyon	69-B	S Luis Obispo 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
18009	Lopez Mountain	1750	B	Oil Well Canyon	69-B	S Luis Obispo 15'		early Miocene Relizian Stage
18010	Arroyo Grande NE	1751		Slide Hill	69-B	Arroyo Grande 15'	not on map	early Miocene Relizian Stage
18011	La Panza	1751		N of La Panza	69-B	field notebook age		early Miocene Relizian Stage
18012	Fox Mountain	1753	A	S Barbara Canyon	69-C	Salisbury Cyn 15'	Lompoc on slide	Late Cretaceous or Paleocene
18013	Arroyo Grande NE	1754		Slide Hill	no slide	Arroyo Grande 15'		Oligocene Zemorrian Stage
18014	Fox Mountain	1754		S Barbara Canyon	69-C	Salisbury Cyn 15'		Oligocene lower Zemorrian Stage
18015	Fox Mountain	1755		S Barbara Canyon	69-B	Salisbury Cyn 15'		early Miocene
18016	Huasna Peak	1755		Vaquero Flat	69-B	Nipomo 15'		early Miocene
18017	Huasna Peak	1756		Cuyama River	H-1	Nipomo 15'		middle Miocene Luisian Stage
18018	Huasna Peak	1757		Cuyama River	H-1	Nipomo 15'		middle Miocene Luisian Stage
18019	Huasna Peak	1758		Cuyama River	H-1	Nipomo 15'		middle Miocene Luisian Stage
18020	Chimineas Ranch	1759		NC part of quad	70-L	Caliente Mtn 15'	age from map	Oligocene Zemorrian Stage
18021	Chimineas Ranch	1762		SE part of quad	70-L	Caliente Mtn 15'	age from map	middle Miocene Luisian? Stage
18022	Chimineas Ranch	1763		center of quad	70-L	Caliente Mtn 15'	age from map	middle Miocene Luisian Stage
18023	Chimineas Ranch	1764		SE part of quad	70-L	Caliente Mtn 15'	age from map	middle Miocene Luisian? Stage
18024	Huasna Peak	1767		Boar Peak	69-C	Nipomo 15'	age from molds	middle and late Miocene upper Mohnian Stage
18025	Nipomo	1768		EC part of quad	69-C	Nipomo 15'		late? Miocene
18026	Huasna Peak	1776		Huasna River	69-C	Nipomo 15'	Pecten age	late Miocene
18027	Huasna Peak	1785		Alamo Creek	no slide	Nipomo 15'		middle and late Miocene lower Mohnian Stage
18028	Twitchell Dam	1792		NW part of quad	69-C			early or middle Miocene
18029	Twitchell Dam	1793		NW part of quad	69-C			early or middle Miocene
18030	Twitchell Dam	1794		NW part of quad	69-C			early or middle Miocene
18031	Nipomo	1795		Loma Pelona	69-C	Nipomo 15'		middle and late Miocene lower Mohnian Stage
18032	Caldwell Mesa	1796		Huasna river	69-C	Nipomo 15'	age from clam	Pliocene
18033	Nipomo	1799		Loma Pelona	69-C	Nipomo 15'		early Miocene Relizian Stage
18034	Nipomo	1800		Loma Pelona	69-C	Nipomo 15'		early Miocene Relizian Stage
18035	Nipomo	1804		Loma Pelona	69-C	Nipomo 15'		middle Miocene Luisian Stage
18036	Tar Springs Ridge	1804		NE corner of quad	69-C	Nipomo 15'		middle Miocene lower Luisian Stage
18037	Nipomo	1806		not found	69-C	Nipomo 15'		early Miocene
18038	Tepusquet Canyon	1807		NC part of quad	69-C	Tepsuquet Pk 15'		early Miocene upper Saucesian Stage
18039	Elkhorn Hills	1811		NC part of quad	73-J		age from map	middle and late Miocene lower Mohnian Stage
18040	Elkhorn Hills	1812		NC part of quad	73-J		age from map	middle and late Miocene lower Mohnian Stage
18041	Lompoc Hills	1812		NW part of quad	no slide		Pecten age	early? Miocene
18042	Tranquillon Mountain	1813		NE part of quad	69-C	Point Arguello 15'		Eocene
18043	Tranquillon Mountain	1813	RS	NE part of quad	69-C	Point Arguello 15'	not on map	Eocene
18044	Lompoc Hills	1815		Jalama Road	69-C	Lompoc 15'	planktics	Eocene
18045	Lompoc Hills	1816		Salsipuedes Ck	69-C	Lompoc 15'	planktics	Eocene
18046	Lompoc Hills	1817		N of Jalama School	69-D	Lompoc 15'	planktics	Eocene?
18047	Lompoc Hills	1819		Salsipuedes Ck	69-D	Lompoc 15'	planktics	Eocene
18048	Lompoc Hills	1820		El Jaro Creek	69-D	Lompoc 15'		early Miocene Relizian Stage
18049	Panorama Hills	1820		SE part of quad	73-J	Temblor Range	age from map	middle and late Miocene Mohnian Stage
18050	Lompoc Hills?	1827		not on map	69-D			early Miocene upper Relizian Stage
18051	Lompoc Hills	1832		La Hoya Creek	69-D			late Miocene
18052	Tranquillon Mountain	1838		NE part of quad	69-D	Point Arguello 15'	not on map	probably middle Miocene Luisian Stage
18053	Tranquillon Mountain	1843		NE part of quad	69-D	Point Arguello 15'	not on map	early Miocene Relizian? Stage
18054	Tranquillon Mountain	1852		NE part of quad	69-D	Point Arguello 15'	not on map	early Miocene Relizian Stage
18055	Lompoc Hills	1854		NW part of quad	69-D			middle Eocene A-2 Zone
18056	Lompoc Hills	1855		NW part of quad	69-D			early Miocene Saucesian Stage
18057	Lompoc Hills	1858		NW part of quad	69-D			possibly late Eocene Refugian Stage
18058	Santa Rosa Hills	1859		NC part of quad	69-D			early Miocene Relizian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
18059	Lompoc Hills	1860		center of quad	69-D			early Miocene Saucesian? Stage
18060	Fellows	1873		SW part of quad	73-J		age from map	middle and late Miocene lower Mohnian Stage
18061	Caldwell Mesa	1876		Huasna river	no slide	Nipomo 15'	age from clam	late Miocene
18062	Caldwell Mesa	1877		Huasna River	69-D	Nipomo 15'	age from clam	Pliocene
18063	Tar Springs Ridge	1881		SC part of quad	69-D	Nipomo 15'		middle and late Miocene upper Mohnian Stage
18064	Tar Springs Ridge	1883		SC part of quad	69-D	Nipomo 15'	has #1991 also	middle and late Miocene upper Mohnian Stage
18065	Caldwell Mesa	1894		Salt Creek	69-D	Nipomo 15'		middle Miocene Luisian Stage
18066	Fellows	1894		SW part of quad	73-J		age from map	middle and late Miocene lower Mohnian Stage
18067	Fellows	1895		SW part of quad	73-J		age from map	middle and late Miocene lower Mohnian Stage
18068	Caldwell Mesa	1900		Porter Ranch area	no slide	Nipomo 15'	age from clam	late Miocene
18069	Tar Springs Ridge	1901		Porter Ranch area	69-D	Nipomo 15'		late Miocene
18070	Caldwell Mesa	1903		Porter Ranch area	69-D	Nipomo 15'		early Miocene Relizian? Stage
18071	Caldwell Mesa	1904		Porter Ranch area	69-E	Nipomo 15'		early Miocene Relizian Stage
18072	Caldwell Mesa	1905		Arroyo Seco	69-E	Nipomo 15'		early Miocene lower Relizian Stage
18073	Caldwell Mesa	1906		Arroyo Seco	69-E	Nipomo 15'		early Miocene upper Relizian Stage
18074	Caldwell Mesa	1907		Arroyo Seco	69-E	Nipomo 15'		early Miocene upper Relizian Stage
18075	Caldwell Mesa	1909		Arroyo Seco	69-E	Nipomo 15'		early or middle Miocene
18076	Caldwell Mesa	1910		Arroyo Seco	69-E	Nipomo 15'		early or middle Miocene
18077	Caldwell Mesa	1911		Arroyo Seco	69-E	Nipomo 15'		early or middle Miocene
18078	Panorama Hills	1911		SE part of quad	73-K		age from map	middle and late Miocene Mohnian Stage
18079	Caldwell Mesa	1912		Arroyo Seco	69-E	Nipomo 15'		probably early Miocene Relizian Stage
18080	Nipomo	1913		EC part of quad	no slide	Nipomo 15'	age on molds	middle and late Miocene Mohnian Stage
18081	Nipomo	1914		Porter Ranch area	69-E	Nipomo 15'		middle and late Miocene Mohnian Stage
18082	Nipomo	1915		Porter Ranch area	69-E	Nipomo 15'		middle and late Miocene Mohnian Stage
18083	Panorama Hills	1915		SE part of quad	73-K		age from map	late Miocene
18084	Tar Springs Ridge	1917		WC part of quad	69-E	Nipomo 15'		late Miocene
18085	Tar Springs Ridge	1918		WC part of quad	69-E	Nipomo 15'		middle Miocene lower Luisian Stage
18086	Caldwell Mesa	1920		Huasna River	69-E	Nipomo 15'		middle Miocene Luisian Stage
18087	Caldwell Mesa	1921		Huasna River	69-E	Nipomo 15'		middle Miocene lower Luisian Stage
18088	Caldwell Mesa	1922		Huasna River	69-E	Nipomo 15'		middle Miocene Luisian Stage
18089	Caldwell Mesa	1923		Huasna River	69-E	Nipomo 15'		Miocene?
18090	Caldwell Mesa	1924		Huasna River	69-E	Nipomo 15'		middle Miocene upper Luisian Stage
18091	Caldwell Mesa	1925		Huasna River	69-E	Nipomo 15'		early or middle Miocene
18092	Tar Springs Ridge	1927		SE part of quad	69-E	Nipomo 15'		middle Miocene Luisian Stage
18093	Tar Springs Ridge	1930		SW part of quad	69-K	Nipomo 15'		Miocene?
18094	Tar Springs Ridge	1931		SW part of quad	69-K	Nipomo 15'		early or middle Miocene
18095	Tar Springs Ridge	1932		SW part of quad	69-K	Nipomo 15'		Oligocene Zemorrian Stage
18096	Nipomo	1933		Loma Pelona	69-E	Nipomo 15'		early Miocene Relizian Stage
18097	Huasna Peak	1934		SW part of quad	no slide	Nipomo 15'	pelecypod age	early Miocene
18098	Huasna Peak	1935		SW part of quad	no slide	Nipomo 15'	pelecypod age	early Miocene
18099	Arroyo Grande NE	1937		Slide Hill	69-E	Arroyo Grande 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
18100	Arroyo Grande NE	1937	A	Slide Hill	69-E	Arroyo Grande 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
18101	Arroyo Grande NE	1937	B	Slide Hill	69-E	Arroyo Grande 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
18102	Arroyo Grande NE	1937	C	Slide Hill	69-E	Arroyo Grande 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
18103	Arroyo Grande NE	1937	D	Slide Hill	69-E	Arroyo Grande 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
18104	Arroyo Grande NE	1937	E	Slide Hill	69-E	Arroyo Grande 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
18105	Panorama Hills	1938		center of quad	73-K		age from map	middle and late Miocene Mohnian Stage
18106	Tar Springs Ridge	1938		SC part of quad	69-E	Nipomo 15'		late Miocene
18107	Lopez Mountain	1940		center of quad	69-E	S Luis Obispo 15'		early Miocene upper Relizian Stage
18108	Lopez Mountain?	1942		not on map	69-E	S Luis Obispo 15'		Oligocene Zemorrian Stage
18109	Huasna Peak	1944		SE part of quad	62-C	Nipomo 15'		early Miocene lower Relizian Stage
18110	Huasna Peak	1946		SE part of quad	62-C	Nipomo 15'		early Miocene Relizian Stage
18111	Huasna Peak	1947		SE part of quad	62-C	Nipomo 15'		early or middle Miocene
18112	Huasna Peak	1948		SE part of quad	62-C	Nipomo 15'		early or middle Miocene
18113	Huasna Peak	1949		SE part of quad	62-C	Nipomo 15'		early Miocene Relizian Stage
18114	Huasna Peak	1950		SE part of quad	62-C	Nipomo 15'		early Miocene Relizian Stage
18115	Huasna Peak	1951		SE part of quad	62-C	Nipomo 15'		probably early Miocene Relizian Stage
18116	Huasna Peak	1952		SE part of quad	62-C	Nipomo 15'		early Miocene lower Relizian Stage
18117	Huasna Peak	1953		SE part of quad	62-C	Nipomo 15'		early Miocene lower Relizian Stage
18118	Huasna Peak	1954		SE part of quad	62-C	Nipomo 15'		early Miocene lower Relizian Stage
18119	Huasna Peak	1955		SE part of quad	62-C	Nipomo 15'		early Miocene lower Relizian Stage
18120	Huasna Peak	1956		SE part of quad	62-C	Nipomo 15'		probably early Miocene Relizian Stage
18121	Huasna Peak	1958		SE part of quad	62-C	Nipomo 15'		probably early Miocene Relizian Stage
18122	Tar Springs Ridge	1961		EC part of quad	69-D	Nipomo 15'		late Miocene Delmontian? Stage
18123	Panorama Hills	1968		Crocker Canyon	81-D		age from map	Oligocene Zemorrian Stage
18124	Panorama Hills	1969		Crocker Canyon	81-D			Oligocene Zemorrian Stage
18125	Tar Springs Ridge	1979		WC part of quad	69-E	Nipomo 15'		middle Miocene Luisian Stage
18126	Tar Springs Ridge	1980		WC part of quad	69-E	Nipomo 15'		middle Miocene Luisian Stage
18127	Tar Springs Ridge	1982		WC part of quad	no slide	Nipomo 15'		middle? Miocene
18128	Tar Springs Ridge	1984		WC part of quad	no slide	Nipomo 15'		middle Miocene Luisian? Stage
18129	Tar Springs Ridge	1985		WC part of quad	69-F	Nipomo 15'		early or middle Miocene
18130	Tar Springs Ridge	1989		SW part of quad	69-F	Nipomo 15'		middle and late Miocene Mohnian? Stage
18131	Tar Springs Ridge	1991		SE part of quad	69-F	Nipomo 15'		middle and late Miocene Mohnian? Stage
18132	Tar Springs Ridge	1994		SE part of quad	69-F	Nipomo 15'		middle and late Miocene Mohnian? Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
18133	Caldwell Mesa	1996		Arroyo Seco	69-F	Nipomo 15'		early or middle Miocene
18134	Huasna Peak	2001		Cuyama River	69-F	Nipomo 15'		early Miocene Relizian Stage
18135	Huasna Peak	2003		Cuyama River	69-F	Nipomo 15'	good fauna	middle Miocene lower Luisian Stage
18136	Huasna Peak	2004		Vaquero Flat	69-F	Nipomo 15'		middle Miocene Luisian Stage
18137	Huasna Peak	2005		Vaquero Flat	69-F	Nipomo 15'		middle and late Miocene lower Mohnian Stage
18138	Caliente Mountain	2007		NW part of quad	73-K	Caliente Mtn 15'	age from map	middle Miocene Luisian Stage
18139	Caliente Mountain	2008		NW part of quad	73-K	Caliente Mtn 15'	age from map	middle Miocene Luisian Stage
18140	Huasna Peak	2008		Cuyama River	69-F	Nipomo 15'		middle and late Miocene lower Mohnian Stage
18141	Caliente Mountain	2009		NW part of quad	73-K	Caliente Mtn 15'	age from map	middle Miocene Luisian Stage
18142	Taylor Canyon	2009		NW part of quad	73-K	Caliente Mtn 15'	age from map	middle Miocene Luisian Stage
18143	Taylor Canyon	2010		NW part of quad	73-K	Caliente Mtn 15'	age from map	middle Miocene
18144	Caliente Mountain	2011		NW part of quad	73-K	Caliente Mtn 15'	age from map	middle Miocene
18145	Caliente Mountain	2013		NW part of quad	73-K	Caliente Mtn 15'	age from map	middle Miocene
18146	Taylor Canyon	2014		NE corner of quad	73-K	Caliente Mtn 15'	age from map	middle Miocene
18147	York Mountain	2014		not on map	69-F	10/27S/11E (SLP)	quad on slide	middle Miocene Luisian Stage
18148	York Mountain	2015		not on map	69-F	10/27S/11E (SLP)	quad on slide	early Miocene Relizian Stage
18149	Caliente Mountain	2016		not on map	73-L	Caliente Mtn 15'	age from map	middle Miocene
18150	York Mountain	2016		not on map	69-F	10/27S/11E (SLP)	quad on slide	early Miocene Relizian Stage
18151	Cypress Mountain	2017		center of quad	69-F	Adelaida 15'		Oligocene Zemorrian Stage
18152	York Mountain?	2017		not on map	69-F	Adelaida 15'?	quad on slide	early Miocene
18153	Cypress Mountain	2018		center of quad	69-F	Adelaida 15'	quad on slide	middle Miocene Luisian Stage
18154	Cypress Mountain	2019		center of quad	69-F	Adelaida 15'	quad on slide	middle Miocene
18155	Cypress Mountain	2020		center of quad	69-F	Adelaida 15'	quad on slide	early Miocene
18156	Santa Paula Peak	2020		SE part of quad	no slide			Pliocene
18157	Cypress Mountain	2021		center of quad	69-F	Adelaida 15'		early Miocene
18158	Cypress Mountain	2022		WC part of quad	69-F	Adelaida 15'		early Miocene
18159	Santa Margarita Lake	2022		WC part of quad	69-F	Pozo 15'		early Miocene
18160	Morro Bay North	2023		NW corner of quad	69-F	Cayucos 15'		Oligocene Zemorrian Stage
18161	York Mountain	2024		not on map	69-F	13/27S/11E (SLP)		Oligocene Zemorrian Stage
18162	York Mountain	2025		SW part of quad	69-F	13/27S/11E (SLP)		Oligocene Zemorrian Stage
18163	Panorama Hills	2029		center of quad	73-L		age from map	early Miocene
18164	Santa Margarita	2030		NW corner of quad	69-F	San Luis Obispo 15'		middle Miocene
18165	Santa Margarita Lake?	2032		not found	69-F	Pozo 15'		Cretaceous?
18166	Cambria	2034		Green Valley Road	69-F			late Miocene?
18167	Templeton	2035		In Templeton	69-F	Paso Robles 15'		early Miocene Saucesian or Relizian Stage
18168	Templeton	2035	RS	In Templeton	69-F	Paso Robles 15'		early or middle Miocene Relizian or Luisian Stage
18169	Santa Margarita Lake	2036		NW part of quad	69-G	Pozo 15'		Cretaceous? arenaceous foraminifers
18170	Santa Margarita Lake	2038		NW part of quad	69-G	Pozo 15'		Cretaceous? arenaceous foraminifers
18171	Santa Margarita Lake	2039		NW part of quad	69-G	Pozo 15'		Late Cretaceous arenaceous foraminifers
18172	Santa Margarita Lake	2040		NW part of quad	69-G	Pozo 15'		Cretaceous arenaceous foraminifers
18173	Santa Margarita Lake	2041		NW part of quad	69-G	Pozo 15'		Late Cretaceous arenaceous foraminifers
18174	Santa Margarita Lake	2042		NW part of quad	69-G	Pozo 15'		Late Cretaceous arenaceous foraminifers
18175	Santa Margarita Lake	2043		NW part of quad	69-G	Pozo 15'		Late Cretaceous arenaceous foraminifers
18176	Atascadero	2044		NC part of quad	69-G	S Luis Obispo 15'		early Miocene upper Relizian Stage
18177	Templeton	2045		SW part of quad	69-G	Paso Robles 15'		early Miocene lower Relizian Stage
18178	Point Dume	2046		Zuma Beach	70-C	not on map	great forams	early Miocene Relizian Stage
18179	Templeton	2046		SW part of quad	69-G	Paso Robles 15'		early Miocene Relizian Stage
18180	Templeton	2047		SW part of quad	69-G	Paso Robles 15'		middle Miocene Luisian Stage
18181	Chimney Canyon	2048		Cuyama River Rd	69-G	Branch Mtn 15'		Oligocene Zemorrian Stage
18182	Chimney Canyon	2050		Cuyama River Rd	69-G	Branch Mtn 15'		Oligocene Zemorrian Stage
18183	Chimney Canyon	2052		Cuyama River Rd	69-G	Branch Mtn 15'		early Miocene
18184	Chimney Canyon	2053		Cuyama River Rd	69-G	Branch Mtn 15'		Cretaceous? arenaceous foraminifers
18185	Miranda Pine Mountain	2054		NW part of quad	69-G	Branch Mtn 15'		Late Cretaceous arenaceous foraminifers
18186	Miranda Pine Mountain	2055		NW part of quad	69-G	Branch Mtn 15'		Late Cretaceous arenaceous foraminifers
18187	Miranda Pine Mountain	2055	RW	NW part of quad	69-G	Branch Mtn 15'		Late Cretaceous arenaceous foraminifers
18188	San Marcos Pass	2057	A	EC part of quad	69-G			early Miocene upper Relizian Stage
18189	San Marcos Pass	2057	B	EC part of quad	69-G			early Miocene upper Relizian Stage
18190	Caldwell Mesa?	2058		not found	69-G	Nipomo 15'		middle Miocene Luisian Stage
18191	San Marcos Pass?	2058	A	not on map	69-G	Arroyo Grande on		middle Miocene Luisian Stage
18192	San Marcos Pass?	2058	B	not on map	69-G	slide and SLP.		middle Miocene Luisian Stage
18193	Caldwell Mesa	2060		Arroyo Seco	69-G	Nipomo 15'		middle Miocene Luisian Stage
18194	Caldwell Mesa	2061		Arroyo Seco	69-G	Nipomo 15'		middle Miocene Luisian Stage
18195	Hildreth Peak	2150		Mono Creek	no slide	Gibralter Dam 15'		middle and late Miocene lower Mohnian? Stage
18196	Hildreth Peak	2152		Mono Creek	no slide	Gibralter Dam 15'		Eocene
18197	Carpenteria	2157		vic Romero Saddle	no slide			Eocene
18198	Matilija	2158		Poplin Creek	no slide		Discocyclina	Eocene
18199	Matilija	2159		Matilija Creek	no slide		Discocyclina	Eocene
18200	Carpenteria	2160		Blue Canyon	no slide			middle Miocene
18201	Carpenteria	2161		Blue Canyon	no slide			Eocene
18202	Old Man Mountain	2162		SE corner of quad	no slide			Eocene
18203	Old Man Mountain	2163		SE corner of quad	no slide			Eocene
18204	White Ledge Peak	2170		NE corner of quad	no slide			middle Eocene A-2 Zone
18205	White Ledge Peak	2171		vic Murrietta Divd	no slide			Eocene
18206	White Ledge Peak	2172		vic Murrietta Divd	no slide			Eocene

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
18207	Huasna Peak	2173		Cuyama River	69-H	Nipomo 15'		middle Miocene lower Luisian Stage
18208	Huasna Peak	2173	A	Cuyama River	69-H	Nipomo 15'		early Miocene
18209	Huasna Peak	2173	B	Cuyama River	69-H	Nipomo 15'		middle and late Miocene lower Mohnian Stage
18210	Old Man Mountain	2173		SE of Old Man Mtn	no slide			middle Eocene A-2 Zone
18211	Twitchell Dam	2176		NW corner of quad	69-H			early Miocene Relizian Stage
18212	Twitchell Dam	2177		NW corner of quad	69-H			early Miocene lower Relizian Stage
18213	Eagle Rest Peak	2178		SE corner of quad	no slide	basal Tejon	age from map	Eocene
18214	Twitchell Dam	2178		NW corner of quad	69-H			early Miocene Saucesian or Relizian Stage
18215	Eagle Rest Peak	2179		SE corner of quad	no slide	basal Tejon	age from map	Eocene
18216	Pismo Beach	2180		NE of Avila	69-H	Arroyo Grande 15'		middle or late Miocene
18217	Pismo Beach	2181		NE of Avila	69-H	Arroyo Grande 15'		early Miocene lower Relizian Stage
18218	Pismo Beach	2182		NE of Avila	69-H	Arroyo Grande 15'		early Miocene lower Relizian Stage
18219	Pismo Beach	2183		NE of Avila	69-H	Arroyo Grande 15'		early Miocene lower Relizian Stage
18220	Pismo Beach	2184		E of Avila	69-H	Arroyo Grande 15'		late Miocene
18221	Pismo Beach	2186		W of Avila	no slide	Arroyo Grande 15'		late Miocene
18222	Pleito Hills	2186		SE part of quad	no slide		age from map	Eocene
18223	Pleito Hills	2187		SE part of quad	no slide		age from map	Eocene
18224	Pleito Hills	2188		SE part of quad	no slide		age from map	Eocene
18225	Grapevine	2189		Grapevine Canyon	no slide			Oligocene Zemorrian Stage
18226	Pismo Beach?	2189		NC part of quad	69-H	Arroyo Grande 15'		Oligocene Zemorrian Stage
18227	Pismo Beach?	2189		NC part of quad	10-A	Arroyo Grande 15'		Oligocene Zemorrian Stage
18228	Pleito Hills	2190		SE part of quad	no slide		age from map	Eocene
18229	Pleito Hills	2191		SE part of quad	no slide		age from map	Eocene
18230	Pleito Hills	2192		SE part of quad	no slide		age from map	Eocene
18231	Pismo Beach	2200		See Canyon	69-H	Arroyo Grande 15'		early Miocene Saucesian Stage
18232	Port San Luis	2200		end of See Cyn Rd	69-H			early Miocene Saucesian Stage
18233	Nipomo	2224		Hwy 101 N Nipomo	73-D	Nipomo 15'		early Miocene Saucesian or Relizian Stage
18234	Salisbury Potrero	2229	A	NE part of quad	89-L	Salisbury Cyn 15'	definite ID	Miocene?
18235	Salisbury Potrero	2229	C	NE part of quad	89-L	Salisbury Cyn 15'		Miocene?
18236	Salisbury Potrero	2229	D	NE part of quad	89-L	Salisbury Cyn 15'		Miocene?
18237	Caldwell Mesa	2230		Arroyo Seco	69-G	Nipomo 15'		middle Miocene lower Luisian Stage
18238	Salisbury Potrero	2230	A	NE part of quad	89-L	Salisbury Cyn 15'		Late Cretaceous or Paleocene
18239	Caldwell Mesa	2231		Arroyo Seco	69-G	Nipomo 15'		middle Miocene lower Luisian Stage
18240	Caldwell Mesa	2232		Arroyo Seco	69-G	Nipomo 15'		middle Miocene lower Luisian Stage
18241	Caldwell Mesa	2233		Arroyo Seco	69-G	Nipomo 15'		middle Miocene lower Luisian Stage
18242	Caldwell Mesa	2234		Arroyo Seco	69-G	Nipomo 15'		middle Miocene lower Luisian Stage
18243	Salisbury Potrero	2236		NE part of quad	89-L	Salisbury Cyn 15'	age from map	middle Miocene Luisian Stage
18244	Salisbury Potrero	2236	A	NE part of quad	89-L	Salisbury Cyn 15'	age from map	middle Miocene Luisian Stage
18245	Newhall	2238		Pico Canyon	18-E	sa Oat Mtn	not on map	middle? Miocene
18246	Salisbury Potrero	2238		NC part of quad	89-L	Salisbury Cyn 15'		middle? Miocene
18247	Newhall	2241		Pico Canyon	18-E			middle Miocene Luisian Stage
18248	Salisbury Potrero	2241		NC part of quad	89-L	Salisbury Cyn 15'	age from map	middle Miocene Luisian? Stage
18249	New Cuyama	2245	A	SW part of quad	89-L	Salisbury Cyn 15'	age from map	early Miocene Saucesian Stage
18250	New Cuyama	2245	B	SW part of quad	89-L	Salisbury Cyn 15'	age from map	early Miocene Saucesian Stage
18251	New Cuyama	2246		SW part of quad	89-L	Salisbury Cyn 15'	age from map	Miocene?
18252	New Cuyama	2247		SW part of quad	89-L	Salisbury Cyn 15'	age from map	Miocene?
18253	Stockdale Mountain	2259		Vineyard Cyn Rd	76-B	San Miguel 15'		middle and late Miocene Mohnian? Stage
18254	Lime Mountain	2261		road to Lime Mtn	71-A	age from map	11/16S/9E	early Miocene lower Relizian Stage
18255	Wilson Corner	2262		Highland School	82-D	Pozo 15'	29/28S/15E	middle Miocene Luisian Stage
18256	Wilson Corner	2263		Highland School	82-D	Pozo 15'	29/28S/15E	middle Miocene Luisian Stage
18257	Wilson Corner	2264		Highland School	82-D	Pozo 15'	29/28S/15E	middle Miocene Luisian Stage
18258	Newhall	2265		Pico (site)	18-E		shallow water	ostracods etc
18259	Wilson Corner	2265		Highland School	82-D	Pozo 15'	29/28S/15E	middle Miocene Luisian Stage
18260	Simi Valley East	2266		EC part of quad	31-L	old S Susanna Q		Eocene
18261	Wilson Corner	2266		Highland School	82-D	Pozo 15'	29/28S/15E	middle Miocene Luisian Stage
18262	Simi Valley East	2267		EC part of quad	18-E	old S Susanna Q		Eocene
18263	Wilson Corner	2267		Highland School	82-D	Pozo 15'	29/28S/15E	middle Miocene Luisian Stage
18264	Simi Valley East	2268		EC part of quad	18-E	old S Susanna Q		Eocene
18265	Wilson Corner	2268		Highland School	82-D	Pozo 15'	29/28S/15E	middle Miocene Luisian Stage
18266	Wilson Corner	2269		Highland School	82-D	Pozo 15'	20/28S/15E	middle Miocene Luisian Stage
18267	Santa Paula	2271		center of quad	no slide		mollusk age	Miocene
18268	Santa Paula	2272		center of quad	no slide			middle Miocene Luisian Stage
18269	Santa Paula	2273		center of quad	no slide			middle Miocene Luisian Stage
18270	Wilson Corner	2275		Highland School	82-D	Pozo 15'		middle Miocene Luisian Stage
18271	Wilson Corner	2276		Highland School	82-D	Pozo 15'		middle Miocene Luisian Stage
18272	Moorpark	2279		Grimes Canyon	no slide	see map loc #99'	age from map	middle Miocene Luisian Stage
18273	Moorpark	2280		Grimes Canyon	no slide	see map loc #99'	age from map	middle Miocene Luisian Stage
18274	Moorpark	2281		Grimes Canyon	no slide	see map loc #99'	age from map	middle Miocene Luisian Stage
18275	Moorpark	2282		Grimes Canyon	no slide	see map loc #99'	age from map	middle Miocene Luisian Stage
18276	Wilson Corner	2287		center of quad	82-D		12/29S/14E	middle Miocene Luisian? Stage
18277	Simi Valley East	2300		EC part of quad	18-E	old S Susanna Q		middle and late Miocene lower Mohnian Stage
18278	Simi Valley East	2301		EC part of quad	18-E	old S Susanna Q		possibly middle and late Miocene Mohnian Stage
18279	Simi Valley East	2302		EC part of quad	18-E	old S Susanna Q	Llagas Fm.	Eocene
18280	Oat Mountain	2304		WC part of quad	no slide	old S Susanna Q		middle and late Miocene lower Mohnian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
18281	Oat Mountain	2305		WC part of quad	no slide	old S Susanna Q		middle and late Miocene Mohnian Stage
18282	Oat Mountain	2306		WC part of quad	no slide	old S Susanna Q		middle and late Miocene lower Mohnian Stage
18283	Simi Valley East	2307		EC part of quad	no slide	old S Susanna Q		middle and late Miocene Mohnian Stage
18284	Simi Valley East	2308		EC part of quad	no slide	old S Susanna Q		middle and late Miocene Mohnian Stage
18285	Los Alamos	2324		Drum Canyon	23-K	Lompoc 15'		late Miocene or Pliocene
18286	Los Alamos	2326		Drum Canyon	23-K	Lompoc 15'		late Miocene or Pliocene
18287	Simi Valley East	2338		EC part of quad	no slide	old S Susanna Q		middle and late Miocene lower Mohnian Stage
18288	Simi Valley East	2339		Llajas Cyn area	18-F	old S Susanna Q		middle Miocene Luisian Stage
18289	Simi Valley East	2340		Llajas Cyn area	18-F	old S Susanna Q		middle Miocene Luisian Stage
18290	Simi Valley East	2341		Llajas Cyn area	18-G	old S Susanna Q		middle and late Miocene lower Mohnian Stage
18291	Simi Valley East	2342		Llajas Cyn area	18-G	old S Susanna Q		middle and late Miocene Mohnian Stage
18292	Simi Valley East	2343		Llajas Cyn area	18-G	old S Susanna Q		middle and late Miocene Mohnian? Stage
18293	Sawtooth Ridge	2345		NE part of quad	no slide	see file 7511	NP age	middle Eocene A-2 Zone
18294	Simi Valley East	2349		Llajas Cyn area	18-F	old S Susanna Q	Weaver age	early Eocene
18295	Simi Valley East	2350		Llajas Cyn area	18-F	old S Susanna Q		middle Miocene Luisian Stage
18296	Simi Valley East	2353		Llajas Cyn area	no slide	old S Susanna Q		Miocene
18297	Simi Valley East	2354		Llajas Cyn area	18-F	old S Susanna Q		middle Miocene Luisian Stage
18298	Templeton	2354		SE of Templeton	96-F	Paso Robles 15'		middle Miocene Luisian Stage
18299	Simi Valley East	2355		Llajas Cyn area	18-F	old S Susanna Q		Miocene
18300	Maricopa	2356		Bitterwater	115-E			middle Miocene Luisian Stage
18301	Simi Valley East	2356		Llajas Cyn area	18-H	old S Susanna Q		middle Miocene Luisian Stage
18302	Simi Valley East	2357		Llajas Cyn area	18-F	old S Susanna Q	Weaver age	early Eocene
18303	Simi Valley East	2358		Llajas Cyn area	18-F	old S Susanna Q		Eocene
18304	Simi Valley East	2359		Llajas Cyn area	18-F	old S Susanna Q		middle and late Miocene lower Mohnian Stage
18305	Simi Valley East	2362		Llajas Cyn area	18-F	old S Susanna Q		middle and late Miocene lower Mohnian Stage
18306	Simi Valley East	2363		Llajas Cyn area	18-F	old S Susanna Q		middle and late Miocene lower Mohnian Stage
18307	Simi Valley East	2365		Llajas Cyn area	18-F	old S Susanna Q		Pliocene
18308	Simi Valley East	2367		Llajas Cyn area	18-F	old S Susanna Q		Miocene
18309	Simi Valley East	2368		Llajas Cyn area	18-F	old S Susanna Q		middle and late Miocene lower Mohnian Stage
18310	Simi Valley East	2369		Llajas Cyn area	18-F	old S Susanna Q		early Eocene
18311	Simi Valley East	2370		Llajas Cyn area	18-F	old S Susanna Q		early Eocene
18312	Simi Valley East	2371		Llajas Cyn area	no slide	old S Susanna Q		Pliocene
18313	Simi Valley East	2372		Llajas Cyn area	no slide	old S Susanna Q	lithology age	early Eocene or Cretaceous
18314	Simi Valley East	2373		Llajas Cyn area	no slide	old S Susanna Q		Pliocene
18315	Simi Valley East	2374		Llajas Cyn area	no slide	old S Susanna Q		early Eocene
18316	Simi Valley East	2377		Llajas Cyn area	18-F	old S Susanna Q		Pliocene
18317	Simi Valley East	2378		Llajas Cyn area	18-F	old S Susanna Q	Weaver age	early Eocene
18318	Simi Valley East	2379		Las Llajas Canyon	no slide	old S Susanna Q		early Eocene
18319	Simi Valley East	2380		Llajas Cyn area	18-F	old S Susanna Q		Miocene
18320	Simi Valley East	2381		Llajas Cyn area	no slide	old S Susanna Q		Miocene
18321	Simi Valley East	2382		Llajas Cyn area	no slide	old S Susanna Q		middle Miocene Luisian Stage
18322	Simi Valley East	2383		Llajas Cyn area	18-F	old S Susanna Q		Eocene
18323	Simi Valley East	2384		Llajas Cyn area	18-F	old S Susanna Q		Eocene
18324	Simi Valley East	2385		Llajas Cyn area	18-F	old S Susanna Q		Eocene
18325	Simi Valley East	2386		Llajas Cyn area	18-F	old S Susanna Q		Eocene
18326	Simi Valley East	2387		Llajas Cyn area	18-F	old S Susanna Q		Miocene
18327	Simi Valley East	2388		Llajas Cyn area	18-F	old S Susanna Q		middle and late Miocene Mohnian Stage
18328	Simi Valley East	2389		Llajas Cyn area	no slide	old S Susanna Q		middle Miocene Luisian Stage
18329	Simi Valley East	2390		Llajas Cyn area	18-G	old S Susanna Q		middle and late Miocene lower Mohnian Stage
18330	Simi Valley East	2391		Llajas Cyn area	18-G	old S Susanna Q		middle and late Miocene Mohnian? Stage
18331	Point Arena	2392		Arena Cove	120-H			Oligocene or early Miocene
18332	Simi Valley East	2392		Llajas Cyn area	18-G	old S Susanna Q		Pliocene
18333	Point Arena	2393		Arena Cove	120-H			Oligocene or early Miocene
18334	Simi Valley East	2393		Llajas Cyn area	18-G	old S Susanna Q		middle Miocene Luisian Stage
18335	Point Arena	2394		Arena Cove	120-H			Oligocene or early Miocene
18336	Simi Valley East	2394		Llajas Cyn area	18-G	old S Susanna Q		Pliocene
18337	Simi Valley East	2395		Llajas Cyn area	18-G	old S Susanna Q		Pliocene
18338	Point Arena	2396		SE corner of quad	120-H			Oligocene lower Zemorrian Stage
18339	Saunders Reef	2396		NE corner of quad	120-H	Point Arena 15'		
18340	Simi Valley East	2396		Llajas Cyn area	18-G	old S Susanna Q		Miocene
18341	Simi Valley East	2397		not on map but	18-G	quad name on slide		Pliocene
18342	Simi Valley East	2400		not on map but	18-G	quad name on slide		Pliocene
18343	Simi Valley East	2401		not on map but	18-G	quad name on slide		Pliocene
18344	Carneros Rocks	2408		Santos Creek	82-D			Eocene
18345	Oat Mountain?	2408	bag 1	not on map but	18-G	quad name on slide		early Eocene
18346	Oat Mountain?	2408	bag 2	not on map but	18-G	quad name on slide		early Eocene
18347	Oat Mountain?	2409		not on map but	18-G	quad name on slide		middle and late Miocene lower Mohnian Stage
18348	Simi Valley East	2409		not on map but	18-G	quad name on slide		middle and late Miocene lower Mohnian Stage
18349	Oat Mountain?	2410		not on map but	18-G	quad name on slide		early Eocene
18350	Oat Mountain?	2411		not on map but	18-G	quad name on slide		middle Miocene Luisian Stage
18351	Oat Mountain?	2412		not on map but	18-G	quad name on slide		middle Miocene Luisian? Stage
18352	Oat Mountain?	2413		not on map but	18-G	quad name on slide		Paleocene
18353	Oat Mountain?	2413	bag 1	not on map but	18-G	quad name on slide		Paleocene
18354	Oat Mountain?	2413	bag 2	not on map but	18-G	quad name on slide		Paleocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
18355	Oat Mountain?	2413		not on map but	18-G	quad name on slide		Paleocene
18356	Oat Mountain?	2415	rsampl	not on map but	18-G	quad name on slide		early Eocene
18357	Oat Mountain?	2415		not on map but	18-G	quad name on slide		early Eocene
18358	Oat Mountain?	2417		not on map but	18-G	quad name on slide		Paleocene
18359	Oat Mountain?	2418	bag 2	not on map but	18-G	quad name on slide		early Eocene
18360	Oat Mountain?	2418	bag 1	not on map but	18-G	quad name on slide		early Eocene
18361	Oat Mountain?	2418	bag 3	not on map but	18-G	quad name on slide		early Eocene
18362	Oat Mountain?	2419	bag 1	not on map but	18-G	quad name on slide		early Eocene
18363	Oat Mountain?	2419	bag 2	not on map but	18-G	quad name on slide		early Eocene
18364	Oat Mountain?	2420		not on map but	18-G	quad name on slide		early Eocene
18365	Oat Mountain?	2420		not on map but	18-G	quad name on slide		early Eocene
18366	Oat Mountain?	2422		not on map but	18-G	quad name on slide		early Eocene
18367	Oat Mountain?	2422		not on map but	18-G	quad name on slide		early Eocene
18368	Oat Mountain?	2423		not on map but	18-G	quad name on slide		early Eocene
18369	Oat Mountain?	2423		not on map but	18-G	quad name on slide		early Eocene
18370	Oat Mountain?	2424		not on map but	18-G	quad name on slide		early Eocene
18371	Oat Mountain?	2443		not on map but	18-G	quad name on slide		Paleocene
18372	Cupertino	2467		SW corner of quad	115-E	7/8S/2W (SLP)		Miocene
18373	Woodside	2468		W of Skeggs Point	115-E	17/6S/4W (SLP)		Eocene
18374	Palo Alto	2471		near woodside Rd	115-F	abun planktics	see #1357	Eocene
18375	Fillmore	2472		SW part of quad	no slide			Pliocene
18376	Palo Alto	2472		E of Woodside	115-F	8/6S/3W (SLP)	see #1357	middle Eocene A-2 Zone
18377	Fillmore	2473		SW part of quad	no slide			late Miocene
18378	Palo Alto	2473		E of Woodside	115-F	8/6S/3W (SLP)		middle Eocene A-2 Zone
18379	Fillmore	2474		SW part of quad	no slide			Pliocene
18380	Palo Alto	2474		E of Woodside	115-F	8/6S/3W (SLP)		middle Eocene A-2 Zone
18381	Palo Alto	2476		E of Woodside	115-F	8/6S/3W (SLP)		middle Eocene A-2 Zone
18382	Van Nuys	2476		in Encino	14-N			middle and late Miocene upper Mohnian Stage
18383	Palo Alto	2477		E of Woodside	115-F	8/6S/3W (SLP)		middle Eocene A-2 Zone
18384	Palo Alto	2478		E of Woodside	115-F	8/6S/3W (SLP)		middle Eocene A-2 Zone
18385	La Honda	2481		San Gregorio Creek	115-E	S Cruz 1:125K	13/7S/5W	Pliocene
18386	San Gregorio	2482		SE part of quad	115-E	34/7S/5W (SLP)		Miocene or Pliocene
18387	La Honda	2483		Shaw Gulch	no slide	36/7S/5W	diatom age	late Miocene or Pliocene
18388	Solvang	2488		SW part of quad	29-H	measured section		middle Eocene A Zone
18389	Solvang	2489		SW part of quad	29-H	measured section		middle Eocene A Zone
18390	Solvang	2490		SW part of quad	29-H	measured section		middle Eocene A Zone
18391	Solvang	2491		SW part of quad	29-H	measured section		middle Eocene A Zone
18392	Solvang	2492		SW part of quad	29-H	measured section		middle Eocene A Zone
18393	Denverton	2493	B	Bradmoor Island	24-F	13/4N/1W	rare rads	Eocene?
18394	Solvang	2493		SW part of quad	29-H	measured section		middle Eocene A Zone
18395	Solvang	2494		SW part of quad	29-H	measured section		middle Eocene A Zone
18396	Solvang	2495		SW part of quad	29-H	measured section		middle Eocene A Zone
18397	Solvang	2496		SW part of quad	29-H	measured section		middle Eocene A Zone
18398	Solvang	2497		SW part of quad	29-H	measured section		middle Eocene A Zone
18399	Solvang	2498		SW part of quad	29-H	measured section		middle Eocene A Zone
18400	Solvang	2499		SW part of quad	29-H	measured section		middle Eocene A Zone
18401	Solvang	2500		Nojoqui Grade	29-H			middle Eocene A Zone
18402	Solvang	2502		Nojoqui Grade	69-I			late Paleocene E Zone
18403	Gaviota	2503		S of Gaviota Pass	69-I			middle or early Eocene
18404	Solvang	2505		Live Oak Ranch	69-I	has Discocyclina		early Eocene
18405	Solvang	2506		Live Oak Ranch	69-I			middle Eocene A Zone
18406	Gaviota	2510		Hwy 101 area	22-A			Miocene
18407	Gaviota	2512		Hwy 101 area	22-A			Miocene
18408	Gaviota	2513		Hwy 101 area	22-A			Miocene
18409	Gaviota	2514		Hwy 101 area	22-A			Miocene
18410	Gaviota	2515		Hwy 101 area	22-A			Miocene
18411	Gaviota	2516		Hwy 101 area	22-A			Miocene
18412	Gaviota	2517		Hwy 101 area	22-A			Miocene
18413	Gaviota	2518		Hwy 101 area	22-A			Miocene
18414	Gaviota	2519		Hwy 101 area	22-A			early Miocene Saucesian Stage
18415	Lompoc Hills	2523		Jalama Road	69-I	see also SB	Lompoc Hills	middle Eocene A-2 Zone
18416	Lompoc Hills	2524		Jalama Road	69-I	see also SB	Lompoc Hills	middle Eocene A-2 Zone
18417	Lompoc Hills	2526		Jalama Road	69-I	see also SB	Lompoc Hills	Cretaceous? arenaceous foraminifers
18418	Lompoc Hills	2527		Jalama Road	69-I			Late Cretaceous arenaceous foraminifers
18419	Lompoc Hills	2527		Jalama Road	33-G			Late Cretaceous arenaceous foraminifers
18420	Lompoc Hills	2528		Jalama Road	69-I			Eocene
18421	Lompoc Hills	2529		Jalama Road	no slide	Pecten magnolia		early Miocene
18422	Lompoc Hills	2530		Jalama Road	69-I			early Miocene lower Relizian Stage
18423	Lompoc Hills	2531		Jalama Road	69-I			early Miocene lower Relizian Stage
18424	Lompoc Hills	2535		Jalama Road	69-I			Late Cretaceous arenaceous foraminifers
18425	Solvang	2536		S of Solvang	no slide	Pecten magnolia		early Miocene
18426	Santa Ynez	2541		center of quad	69-I	Los Olivos 15'		early Miocene lower Relizian Stage
18427	Santa Ynez	2542		center of quad	69-I	Los Olivos 15'		middle Miocene Luisian Stage
18428	Santa Ynez	2543		center of quad	69-I	Los Olivos 15'		early or middle Eocene

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
18429	Santa Ynez	2544		center of quad	69-I	Los Olivos 15'		early or middle Eocene
18430	Santa Ynez	2545		center of quad	69-I	Los Olivos 15'		middle Eocene A Zone
18431	Simi Valley East	2573		Las Llajas Canyon	33-F			early Eocene D Zone
18432	Simi Valley East	2574		Las Llajas Canyon	33-F			early Eocene D Zone
18433	Simi Valley East	2575		Las Llajas Canyon	33-F			early Eocene D Zone
18434	Simi Valley East	2576		Las Llajas Canyon	33-F			early Eocene D Zone
18435	Simi Valley East	2577		Las Llajas Canyon	33-F		Age from	early Eocene D Zone
18436	Simi Valley East	2578		Las Llajas Canyon	33-F		Weaver 1944.	early Eocene D Zone
18437	Simi Valley East	2579		Las Llajas Canyon	33-F		Have strat	early Eocene D Zone
18438	Simi Valley East	2580		Las Llajas Canyon	33-F		column - see	early Eocene D Zone
18439	Simi Valley East	2581		Las Llajas Canyon	33-F		lot 126	early Eocene D Zone
18440	Simi Valley East	2582		Las Llajas Canyon	33-F			early Eocene D Zone
18441	Simi Valley East	2583		Las Llajas Canyon	33-F			early Eocene D Zone
18442	Simi Valley East	2584		Las Llajas Canyon	33-F		Age from	early Eocene D Zone
18443	Simi Valley East	2585		Las Llajas Canyon	33-F		Weaver 1944	early Eocene D Zone
18444	Simi Valley East	2586		Las Llajas Canyon	33-F			early Eocene D Zone
18445	Simi Valley East	2587		Las Llajas Canyon	33-F			early Eocene D Zone
18446	Simi Valley East	2588		Las Llajas Canyon	33-F			Eocene
18447	Simi Valley East	2589		Las Llajas Canyon	33-F			Pliocene
18448	Simi Valley East	2590		Las Llajas Canyon	33-F			Pliocene
18449	Simi Valley East	2591		Las Llajas Canyon	33-F			Pliocene
18450	Simi Valley East	2592		Las Llajas Canyon	33-F			Pliocene
18451	Simi Valley East	2593		Las Llajas Canyon	33-F			Pliocene
18452	Salisbury Potrero	2601		NW part of quad	89-L	Salisbury Cyn 15'		Oligocene upper Zemorrian Stage
18453	Salisbury Potrero	2603		NW part of quad	89-L	Salisbury Cyn 15'		Oligocene Zemorrian Stage
18454	Salisbury Potrero	2604		NW part of quad	89-L	Salisbury Cyn 15'		Oligocene Zemorrian? Stage
18455	Salisbury Potrero	2606		NW part of quad	89-L	Salisbury Cyn 15'		early Miocene Saucesian Stage
18456	Salisbury Potrero	2608		NW part of quad	89-L	Salisbury Cyn 15'		early Miocene Saucesian? Stage
18457	Lebec	2670		SE part of quad	no slide		small clams	no age provided
18458	Lebec	2671		SE part of quad	no slide	Pecten estrellanus?		no age provided
18459	Lebec	2672		SE part of quad	no slide	Pectens		late Miocene
18460	Lebec	2673		SE part of quad	no slide	Pecten estrellanus?		no age provided
18461	Lebec	2675		SE part of quad	no slide	bivalves		late Miocene
18462	Taylor Canyon	2675		NC part of quad	no slide	Caliente Mtn 15'	age from map	early? Miocene
18463	Pitas Point	2679		not found	no slide			early Miocene lower Relizian Stage
18464	Pitas Point	2680		not found	no slide			early Miocene upper? Relizian Stage
18465	White Ledge Peak	2681		SC part of quad	89-M			early Miocene Relizian Stage
18466	White Ledge Peak	2682		SC part of quad	89-M			early Miocene Relizian? Stage
18467	White Ledge Peak	2683		SC part of quad	89-M			early Miocene lower Relizian Stage
18468	Chimineas Ranch	2684		Saltos Canyon	94-I	Caliente Mtn 15'	confirm ID	early Miocene Saucesian? Stage
18469	Pitas Point	2684		Javon Canyon	94-I		not on map	late? Miocene
18470	Chimineas Ranch	2685		Saltos Canyon	94-I	Caliente Mtn 15'	age from map	early Miocene Saucesian? Stage
18471	Pitas Point	2685		Javon Canyon	94-I		not on map	late? Miocene
18472	Chimineas Ranch	2686		Saltos Canyon	94-I	Caliente Mtn 15'	age from map	early Miocene Saucesian? Stage
18473	Pitas Point	2686		Javon Canyon	94-I		not on map	Pliocene
18474	Chimineas Ranch	2687		Saltos Canyon	94-I	Caliente Mtn 15'	age from map	early Miocene?
18475	Chimineas Ranch	2688		Saltos Canyon	94-I	Caliente Mtn 15'	age from map	early Miocene?
18476	Pitas Point	2688		Punta area	94-I			early Miocene Saucesian? Stage
18477	Pitas Point	2689		Punta area	94-I			Pliocene
18478	Pitas Point	2690		Punta area	94-I			Pliocene
18479	Chimineas Ranch	2691		Saltos Canyon	94-I	Caliente Mtn 15'	age from map	middle Miocene
18480	Pitas Point	2691		Punta area	94-I			Pliocene
18481	Pitas Point	2692		Punta area	94-I			Pliocene
18482	Chimineas Ranch	2693		Saltos Canyon	94-I	Caliente Mtn 15'	age from map	early Miocene Saucesian Stage
18483	Pitas Point	2693		Punta area	94-I			Pliocene
18484	Chimineas Ranch	2694		Saltos Canyon	94-I	Caliente Mtn 15'	age from map	middle Miocene
18485	Pitas Point	2694		Punta area	94-I			late Miocene or Pliocene
18486	Chimineas Ranch	2695		Chimeneas Ranch	94-I	Caliente Mtn 15'	age from map	early Miocene Saucesian Stage
18487	Pitas Point	2695		Punta area	94-I			middle or late Miocene
18488	Chimineas Ranch	2696		Chimeneas Ranch	94-I	Caliente Mtn 15'	age from map	middle Miocene Luisian Stage
18489	Pitas Point	2696		Punta area	94-I			early or middle Miocene
18490	Chimineas Ranch	2697		Chimeneas Ranch	94-I	Caliente Mtn 15'	age from map	middle Miocene
18491	Pitas Point	2697		Punta area	94-I			early Miocene
18492	Pitas Point	2698		Punta area	no slide			early or middle Miocene
18493	White Ledge Peak	2699		SW corner of quad	no slide			early or middle Miocene Relizian or Luisian Stage
18494	White Ledge Peak	2700		SW corner of quad	89-M			early or middle Miocene Relizian or Luisian Stage
18495	Santiago Creek	2701		SC part of quad	89-M		age from map	early Miocene Saucesian Stage
18496	White Ledge Peak	2701		SW corner of quad	89-M			probably early Miocene Relizian Stage
18497	Pitas Point	2703		Punta area	no slide			early Miocene Relizian Stage
18498	White Ledge Peak	2704		SW corner of quad	no slide			early Miocene Relizian Stage
18499	White Ledge Peak	2705		SW corner of quad	no slide			early Miocene Relizian Stage
18500	White Ledge Peak	2706		SW corner of quad	no slide			early Miocene Relizian Stage
18501	Pitas Point	2709		Punta area	no slide			Pliocene
18502	Pitas Point	2711		Punta area	no slide			early Miocene upper Saucesian Stage

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18503	Matilija	2713		S of Oakview	no slide			early Miocene Saucesian or Relizian Stage
18504	Matilija	2714		S of Oakview	no slide			early Miocene Saucesian Stage
18505	Carpenteria	2717		Picay Creek	no slide			early Miocene Saucesian Stage
18506	Carpenteria	2718		Picay Creek	no slide			early Miocene Saucesian Stage
18507	Carpenteria	2719		Picay Creek	no slide			Oligocene Zemorrian or early Miocene Saucesian Stage
18508	Carpenteria	2720		Picay Creek	no slide		strat column	Oligocene Zemorrian or early Miocene Saucesian Stage
18509	Santa Barbara	2723		NE S Barbara area	no slide		strat column	middle and late Miocene Mohnian Stage
18510	Santa Barbara	2729		NE S Barbara area	no slide		strat column	early Miocene Saucesian Stage
18511	Santa Barbara	2732		NE S Barbara area	no slide		strat column	middle and late Miocene Mohnian Stage
18512	Santa Barbara	2734		NE S Barbara area	no slide		strat column	early Miocene Saucesian Stage
18513	Santa Barbara	2737		NE S Barbara area	no slide		strat column	early Miocene Saucesian Stage
18514	Santa Barbara	2738		NE S Barbara area	no slide		strat column	middle and late Miocene Mohnian Stage
18515	Santa Barbara	2743		WC part of quad	no slide		strat column	early or middle Miocene Relizian or Luisian Stage
18516	Santa Barbara	2744		WC part of quad	no slide		strat column	middle and late Miocene lower Mohnian Stage
18517	Santa Barbara	2748		WC part of quad	no slide		strat column	early Miocene lower Relizian Stage
18518	Santa Barbara	2749		WC part of quad	no slide		strat column	early Miocene lower Relizian Stage
18519	Santa Barbara	2750		WC part of quad	no slide		strat column	middle and late Miocene Mohnian Stage
18520	Santa Barbara	2751		WC part of quad	no slide		strat column	middle and late Miocene lower Mohnian Stage
18521	Santa Barbara	2752		WC part of quad	no slide		strat column	middle Miocene upper Luisian Stage
18522	Santa Barbara	2753		WC part of quad	no slide		strat column	early Miocene Saucesian or Relizian Stage
18523	Goleta	2755		NE part of quad	no slide		strat column	Oligocene Zemorrian Stage
18524	Goleta	2758		NE part of quad	no slide			Oligocene Zemorrian or early Miocene Saucesian Stage
18525	Goleta	2759		NE part of quad	no slide			Oligocene Zemorrian Stage
18526	Goleta	2761		NE part of quad	no slide			Oligocene Zemorrian or early Miocene Saucesian Stage
18527	Cabazon	2770		Lion Canyon	26-K	San Jacinto 15'	Imperial Fm	Pliocene
18528	Santa Paula	2774		EC part of quad	no slide			Pliocene
18529	Santa Paula	2775		EC part of quad	no slide			Pliocene
18530	Santa Paula	2776		EC part of quad	no slide			Pliocene
18531	Santa Paula	2777		EC part of quad	no slide			Pliocene
18532	Santa Paula	2778		EC part of quad	no slide			Pliocene
18533	Santa Paula	2779		EC part of quad	no slide			Pliocene
18534	Chimineas Ranch	2785		NW part of quad	94-I		age from map	middle Miocene
18535	Chimineas Ranch	2789		Chimeneas Ranch	94-I	Caliente Mtn 15'	age from map	middle Miocene
18536	Chimineas Ranch	2792		SE part of quad	94-I	Caliente Mtn 15'	age from map	middle Miocene
18537	Santa Rosa Hills	2802		Amoles Creek	69-I		confirm ID	middle Eocene A Zone
18538	Santa Rosa Hills	2807		Amoles Creek	69-I			Paleocene
18539	Santa Rosa Hills	2808		Amoles Creek	69-I			Late Cretaceous D-2 Zone
18540	Santa Rosa Hills	2809		Amoles Creek	69-I	sa Lompoc Hills		Late Cretaceous F-1 Zone
18541	Santa Paula Peak	2816		SE part of quad	no slide			Pliocene
18542	Santa Paula Peak	2817		SE part of quad	no slide			Pliocene
18543	Santa Paula Peak	2818		SE part of quad	no slide			Pliocene
18544	Santa Paula Peak	2819		SE part of quad	no slide			Pliocene
18545	Santa Paula Peak	2821		SE part of quad	no slide			Pliocene
18546	Santa Paula Peak	2822		SE part of quad	no slide			Pliocene
18547	Santa Paula Peak	2823		SE part of quad	no slide			Pliocene
18548	Santa Paula Peak	2824		SE part of quad	no slide			Pliocene
18549	Santa Paula Peak	2826		SE part of quad	no slide			Pliocene
18550	Santa Paula Peak	2829		SE part of quad	no slide			Pliocene
18551	Santa Paula Peak	2830		SE part of quad	no slide			Pliocene
18552	Santa Paula Peak	2831		SE part of quad	no slide			Pliocene
18553	Santa Paula Peak	2832		SE part of quad	no slide			Pliocene
18554	Santa Paula Peak	2833		SE part of quad	no slide			Pliocene
18555	Santa Paula Peak	2834		SE part of quad	no slide			Pliocene
18556	Santa Paula Peak	2835		SE part of quad	no slide			Pliocene
18557	Santa Paula Peak	2836		SE part of quad	no slide			Pliocene
18558	Caliente Mountain	2850		NW part of quad	94-J	see # 2797	age from map	early Miocene Saucesian Stage
18559	Caliente Mountain	2855		NW part of quad	94-J	Caliente Mtn 15'	Turritella age	Paleocene
18560	Caliente Mountain	2870		NW corner of quad	94-J	Caliente Mtn15'	age from map	early Miocene Saucesian Stage
18561	Caliente Mountain	2873		center of quad	94-J	Caliente Mtn 15'	age from map	early Miocene Saucesian? Stage
18562	Tent Hills	2898		Stoker Canyon	111-B		age from map	early Eocene
18563	Las Yeguas Ranch	2937		Carneros Creek	31-I		age from slide	early Eocene C Zone
18564	Moorpark	3044		Grimes Canyon	no slide			middle and late Miocene Mohnian Stage
18565	Moorpark	3045		Grimes Canyon	no slide	see map loc #99	age from map	Pliocene
18566	Moorpark	3046		Grimes Canyon	no slide	see map loc #99	age from map	Pliocene
18567	Moorpark	3047		Grimes Canyon	no slide	see map loc #99	age from map	Pliocene
18568	Moorpark	3048		Grimes Canyon	no slide	see map loc #99	age from map	Pliocene
18569	Moorpark	3049		Grimes Canyon	no slide	see map loc #99	age from map	Pliocene
18570	Moorpark	3050		Grimes Canyon	23-N	see map loc #99	age from map	Pliocene
18571	Moorpark	3051		Grimes Canyon	no slide	see map loc #99	age from map	Pliocene
18572	Moorpark	3052		Grimes Canyon	no slide	see map loc #99	age from map	Pliocene
18573	Moorpark	3053		Grimes Canyon	no slide	see map loc #99'	age from map	Pliocene
18574	Moorpark	3054		Grimes Canyon	no slide	see map loc #99'	age from map	Pliocene
18575	Moorpark	3055		Grimes Canyon	no slide	see map loc #99'	age from map	Pliocene
18576	Moorpark	3056		Grimes Canyon	no slide	see map loc #99'	age from map	Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
18577	Moorpark	3057		Grimes Canyon	no slide	see map loc #99'	age from map	Pliocene
18578	Moorpark	3058		Grimes Canyon	no slide	see map loc #99'	age from map	Pliocene
18579	Moorpark	3059		Grimes Canyon	no slide	see map loc #99'	age from map	Pliocene
18580	Moorpark	3060		Grimes Canyon	no slide	see map loc #99'	age from map	Pliocene
18581	Moorpark	3062		Grimes Canyon	no slide	see map loc #99'	age from map	Pliocene
18582	Moorpark	3063		Grimes Canyon	no slide	see map loc #99'	age from map	Pliocene
18583	Moorpark	3064		Grimes Canyon	no slide	see map loc #99'	age from map	Pliocene
18584	Moorpark	3065		Grimes Canyon	no slide	see map loc #99'	age from map	Pliocene
18585	Moorpark	3066		Grimes Canyon	no slide	see map loc #99'	age from map	Pliocene
18586	Moorpark	3067		Grimes Canyon	no slide	see map loc #99'	age from map	Pliocene
18587	Moorpark	3068		Grimes Canyon	176-M	see map loc #99'	age from map	Pliocene
18588	Moorpark	3069		Grimes Canyon	176-M	see map loc #99'	age from map	Pliocene
18589	Moorpark	3070		Grimes Canyon	176-M	see map loc #99'	age from map	Pliocene
18590	Moorpark	3071		Grimes Canyon	176-M	see map loc #99'	age from map	Pliocene
18591	Moorpark	3072		Grimes Canyon	176-M	see map loc #99'	age from map	Pliocene
18592	Moorpark	3073		Grimes Canyon	176-M	see map loc #99'	age from map	Pliocene
18593	Charleston School	3102		Laguna Seca Creek	29-J	Ortigalita Pk 15'		middle Eocene A-2 Zone
18594	Goleta	3104		N of Goleta	no slide			middle Miocene Luisian Stage
18595	Goleta	3105		N of Goleta	no slide			middle and late Miocene lower Mohnian Stage
18596	Goleta	3106		N of Goleta	no slide			early Miocene upper Saucesian Stage
18597	Goleta	3107		N of Goleta	no slide			early Miocene upper Saucesian Stage
18598	Charleston School	3110		Laguna Seca Creek	29-J	loc name on slide	not on map	Late Cretaceous arenaceous foraminifers
18599	Goleta	3110		WC part of quad	no slide			Oligocene Zemorrian or early Miocene Saucesian Stage
18600	Goleta	3112		not found	no slide			early Miocene lower Relizian Stage
18601	Goleta	3113		not found	no slide			early Miocene lower Relizian Stage
18602	Goleta	3114		not found	no slide			early Miocene lower Relizian Stage
18603	Goleta	3116		vic Goleta Point	no slide		no forams	late Miocene
18604	Goleta	3117		vic Goleta Point	no slide		no forams	late Miocene
18605	Goleta	3118		vic Goleta Point	no slide		no forams	late Miocene
18606	Goleta	3119		UCSB	no slide		no forams	late Miocene
18607	Goleta	3120		UCSB	no slide		no forams	late Miocene
18608	Goleta	3121		center of quad	no slide		no forams	late Miocene
18609	Dos Pueblos Canyon	3126		Bell Canyon	no slide			middle Miocene Luisian Stage
18610	Dos Pueblos Canyon	3128		Las Varas Canyon	no slide			Oligocene Zemorrian Stage
18611	Dos Pueblos Canyon	3129		NW part of quad	no slide			early Miocene Saucesian Stage
18612	Dos Pueblos Canyon	3130		NW part of quad	no slide			early Miocene Saucesian Stage
18613	Dos Pueblos Canyon	3131		NW part of quad	no slide			early Miocene Relizian Stage
18614	Charleston School	3132		Laguna Seca Creek	123-J	loc name on slide	not on map	Cretaceous? arenaceous foraminifers
18615	Dos Pueblos Canyon	3133		Eagle Canyon	no slide			early Miocene Relizian Stage
18616	Dos Pueblos Canyon	3135		Eagle Canyon	no slide			early Miocene lower Relizian Stage
18617	Tumey Hills	3136		center of quad	no slide			Cretaceous? arenaceous foraminifers
18618	Dos Pueblos Canyon	3137		center of quad	no slide			middle and late Miocene lower Mohnian Stage
18619	Tumey Hills	3137		Griswold Hills	29-J	slide says Coalinga	age from map	Cretaceous arenaceous foraminifers
18620	Dos Pueblos Canyon	3138		center of quad	no slide			middle and late Miocene Mohnian Stage
18621	Tumey Hills	3138		Griswold Hills	29-J	slide says Coalinga		Cretaceous arenaceous foraminifers
18622	Dos Pueblos Canyon	3139		center of quad	no slide			middle and late Miocene upper Mohnian Stage
18623	Dos Pueblos Canyon	3140		center of quad	no slide			middle and late Miocene Mohnian Stage
18624	Dos Pueblos Canyon	3141		center of quad	no slide			early Miocene Relizian Stage
18625	Tumey Hills	3142		SE part of quad	29-J	slide says Coalinga		Cretaceous arenaceous foraminifers
18626	Dos Pueblos Canyon	3145		WC part of quad	no slide			early Miocene Saucesian Stage
18627	Tumey Hills	3147		center of quad	29-J	slide says Coalinga		Late Cretaceous arenaceous foraminifers
18628	Tumey Hills	3148		Griswold Hills	29-J	slide says Coalinga		Cretaceous arenaceous foraminifers
18629	Dos Pueblos Canyon	3149		WC part of quad	no slide			early Miocene upper Relizian Stage
18630	Tumey Hills	3149		center of quad	29-K	slide says Coalinga		Cretaceous arenaceous foraminifers
18631	Dos Pueblos Canyon	3150		WC part of quad	no slide			early Miocene lower Relizian Stage
18632	Dos Pueblos Canyon	3152		WC part of quad	no slide			early Miocene upper Saucesian Stage
18633	Dos Pueblos Canyon	3153		WC part of quad	no slide			early Miocene upper Saucesian Stage
18634	Dos Pueblos Canyon	3154		WC part of quad	no slide			early Miocene lower Relizian Stage
18635	Dos Pueblos Canyon	3155		Naples area	no slide			early Miocene lower Relizian Stage
18636	Dos Pueblos Canyon	3156		Naples area	no slide			early Miocene lower Relizian Stage
18637	Dos Pueblos Canyon	3157		Naples area	no slide			early Miocene lower Relizian Stage
18638	Dos Pueblos Canyon	3159		center of quad	no slide			early Miocene lower Relizian Stage
18639	Dos Pueblos Canyon	3160		center of quad	no slide			early Miocene lower Relizian Stage
18640	Dos Pueblos Canyon	3161		center of quad	no slide			early Miocene lower Relizian Stage
18641	Dos Pueblos Canyon	3164		center of quad	no slide			early Miocene lower Relizian Stage
18642	Dos Pueblos Canyon	3165		center of quad	no slide			early Miocene lower Relizian Stage
18643	Dos Pueblos Canyon	3167		center of quad	no slide			early Miocene Relizian Stage
18644	Dos Pueblos Canyon	3168		center of quad	no slide			early Miocene lower Saucesian Stage
18645	Dos Pueblos Canyon	3169		center of quad	no slide			early Miocene upper Relizian Stage
18646	Dos Pueblos Canyon	3170		center of quad	no slide			early Miocene lower Relizian Stage
18647	Dos Pueblos Canyon	3171		center of quad	no slide			middle Miocene Luisian Stage
18648	Dos Pueblos Canyon	3172		vic Bell Canyon	no slide			early Miocene lower Relizian Stage
18649	Dos Pueblos Canyon	3173		Naples area	no slide			early Miocene upper Relizian Stage
18650	Dos Pueblos Canyon	3174		Naples area	no slide			early Miocene upper Relizian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
18651	Dos Pueblos Canyon	3175		Naples area	no slide			early Miocene Relizian Stage
18652	Dos Pueblos Canyon	3176		Naples area	no slide			middle Miocene Luisian Stage
18653	Dos Pueblos Canyon	3177		Naples area	no slide			middle Miocene Luisian Stage
18654	Dos Pueblos Canyon	3178		Naples area	no slide			middle Miocene Luisian Stage
18655	Dos Pueblos Canyon	3179		Naples area	no slide			middle Miocene Luisian Stage
18656	Dos Pueblos Canyon	3180		Naples area	no slide			middle Miocene Luisian Stage
18657	Dos Pueblos Canyon	3181		Naples area	no slide			middle and late Miocene Mohnian Stage
18658	Dos Pueblos Canyon	3182		Naples area	no slide			middle and late Miocene upper Mohnian Stage
18659	Santiago Creek	3182		NC part of quad	no slide		age from map	middle? Miocene
18660	Dos Pueblos Canyon	3183		Naples area	no slide			middle and late Miocene lower Mohnian Stage
18661	Dos Pueblos Canyon	3184		Naples area	no slide			middle and late Miocene Mohnian Stage
18662	Dos Pueblos Canyon	3185		Naples area	no slide			middle and late Miocene Mohnian Stage
18663	Santiago Creek	3185		NW part of quad	no slide		age from map	early Miocene
18664	Santiago Creek	3186		NW part of quad	no slide		age from map	Oligocene upper? Zemorrian Stage
18665	Dos Pueblos Canyon	3197		Naples area	no slide			early Miocene lower Relizian Stage
18666	Dos Pueblos Canyon	3198		Naples area	no slide			early Miocene lower Relizian Stage
18667	Dos Pueblos Canyon	3199		Naples area	no slide			early Miocene lower Relizian Stage
18668	Tumey Hills	3202		EC part of quad	29-K	slide says Coalinga		Late Cretaceous C? Zone
18669	Tumey Hills	3204		EC part of quad	29-K	slide says Coalinga		Cretaceous? arenaceous foraminifers
18670	Tumey Hills	3205		EC part of quad	29-K	slide says Coalinga		Cretaceous? arenaceous foraminifers
18671	Tumey Hills	3207		Silver Creek	29-K	slide says Coalinga		Cretaceous? arenaceous foraminifers
18672	Tumey Hills	3208		Silver Creek	29-K	slide says Coalinga		Cretaceous? arenaceous foraminifers
18673	Tumey Hills	3209		NC part of quad	29-K	slide says Coalinga		Cretaceous? arenaceous foraminifers
18674	Chounet Ranch	3210		Escarpado Canyon	29-K	not on map	8/15S/12E	Late Cretaceous arenaceous foraminifers
18675	Tumey Hills	3210		not on map	29-K	slide says Coalinga		Late Cretaceous arenaceous foraminifers
18676	Tumey Hills	3213		not on map	29-K	slide says Coalinga	rad age	Late Cretaceous
18677	Tumey Hills	3216		not on map	29-K	slide says Coalinga		Late Cretaceous arenaceous foraminifers
18678	Chounet Ranch	3217		Escarpado Canyon	29-K	not on map	7/15S/12E	Late Cretaceous arenaceous foraminifers
18679	Tumey Hills	3217		not on map	29-K	slide says Coalinga		Late Cretaceous arenaceous foraminifers
18680	Chounet Ranch	3218		Escarpado Canyon	29-K	not on map	7/15S/12E	Late Cretaceous arenaceous foraminifers
18681	Tumey Hills	3218		not on map	29-K	slide says Coalinga		Late Cretaceous
18682	Chounet Ranch	3220		Escarpado Canyon	29-K	not on map	8/15S/12E	Late Cretaceous arenaceous foraminifers
18683	Tumey Hills	3220		not on map	29-K	slide says Coalinga		Late Cretaceous arenaceous foraminifers
18684	Monocline Ridge	3222		Tumey Gulch	29-K	Coalinga area		Paleocene
18685	Monocline Ridge	3228		Tumey Gulch	29-K	Coalinga area		Paleocene
18686	Tumey Hills	3230		Silver Creek	29-K	slide says Coalinga		early Eocene C Zone
18687	Tumey Hills	3231		Silver Creek	29-K	slide says Coalinga		Cretaceous arenaceous foraminifers
18688	Tumey Hills	3232		SE part of quad	29-K	slide says Coalinga		early Eocene C Zone
18689	Tumey Hills	3233		SE part of quad	29-K	slide says Coalinga		early Eocene C Zone
18690	Monocline Ridge	3235		Tumey Gulch	29-K	Coalinga area		early Eocene C Zone
18691	Tumey Hills	3237		Griswold Hills	29-K	slide says Coalinga		early Eocene C Zone
18692	Tumey Hills	3242		Silver Creek	29-K	slide says Coalinga		Cretaceous? arenaceous foraminifers
18693	Tumey Hills	3243		SE part of quad	29-K	slide says Coalinga		Late Cretaceous arenaceous foraminifers
18694	Tumey Hills	3245		Griswold Hills	29-K	slide says Coalinga		Late Cretaceous arenaceous foraminifers
18695	Chounet Ranch	3254		Dosados Canyon	29-K	not on map	1/15S/11E	Late Cretaceous D-1 Zone
18696	Chounet Ranch	3256		Dosados Canyon	29-K	not on map	1/15S/11E	Late Cretaceous D-2 Zone
18697	Idria	3260		WC part of quad	29-K	New Idria 15' Q		middle Eocene A-2 Zone
18698	Idria	3261		WC part of quad	29-K	New Idria 15' Q		middle Eocene A-2 Zone
18699	Idria	3262		Larious Creek	29-K	New Idria 15' Q	also 10-N	early Eocene C? Zone
18700	Idria	3263		Larious Creek	29-K	New Idria 15' Q		early Eocene C? Zone
18701	Idria	3264		Larious Creek	29-K	New Idria 15' Q		Eocene ?C Zone
18702	Idria	3266		San Carlos Creek	29-L	New Idria 15' Q		early Eocene
18703	Idria	3268		San Carlos Creek	29-L	New Idria 15' Q		early Eocene
18704	Idria	3269		San Carlos Creek	29-L	New Idria 15' Q		early Eocene
18705	Idria	3271		San Carlos Creek	29-L	New Idria 15' Q		Late Cretaceous arenaceous foraminifers
18706	Idria	3273		San Carlos Creek	29-L	New Idria 15' Q		Late Cretaceous arenaceous foraminifers
18707	Idria	3274		San Carlos Creek	29-L	New Idria 15' Q		Late Cretaceous arenaceous foraminifers
18708	Idria	3275		San Carlos Creek	29-L	New Idria 15' Q		Paleocene
18709	Idria	3276		San Carlos Creek	29-L	New Idria 15' Q		Paleocene
18710	Idria	3277		San Carlos Creek	29-L	New Idria 15' Q		Paleocene
18711	Idria	3278		San Carlos Creek	29-L	New Idria 15' Q		early Eocene
18712	Idria	3279		San Carlos Creek	29-L	New Idria 15' Q		early Eocene
18713	Idria	3280		San Carlos Creek	29-L	New Idria 15' Q		early Eocene
18714	Idria	3281		San Carlos Creek	29-L	New Idria 15' Q		Late Cretaceous arenaceous foraminifers
18715	Las Yeguas Ranch	3325		Media Agua Creek	73-D	see # 2948	Discocyclina	Eocene
18716	Las Yeguas Ranch	3326	1	Media Agua Creek	73-D	Temblor Range	Discocyclina	Eocene
18717	Moorpark	3401		Grimes Canyon	no slide	see map loc #99'		middle and late Miocene lower Mohnian Stage
18718	Moorpark	3402		Grimes Canyon	33-F	see map loc #99'		middle and late Miocene lower Mohnian Stage
18719	Moorpark	3403		Grimes Canyon	33-F	see map loc #99'		middle and late Miocene lower Mohnian Stage
18720	Moorpark	3404		Grimes Canyon	33-F	see map loc #99'		middle and late Miocene lower Mohnian Stage
18721	Moorpark	3405	A	Grimes Canyon	33-F	see map loc #99'		middle and late Miocene lower Mohnian Stage
18722	Moorpark	3405	B	Grimes Canyon	33-F	see map loc #99'		middle and late Miocene lower Mohnian Stage
18723	Moorpark	3406		Grimes Canyon	33-F	see map loc #99'		middle and late Miocene Mohnian Stage
18724	Moorpark	3407		Grimes Canyon	33-F	see map loc #99'		middle and late Miocene Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
18725	Moorpark	3408		Grimes Canyon	no slide	see map loc #99'		middle and late Miocene upper Mohnian Stage
18726	Moorpark	3409		Grimes Canyon	no slide	see map loc #99'		middle and late Miocene upper Mohnian Stage
18727	Moorpark	3410		Grimes Canyon	no slide	see map loc #99'		middle and late Miocene upper Mohnian Stage
18728	Stone Valley	3438		WC part of quad	152-D	Fruto 15'		Early Cretaceous J-2 Zone
18729	Stone Valley	3439		WC part of quad	152-D	Fruto 15'		Early Cretaceous J-2 Zone
18730	Stone Valley	3440		WC part of quad	152-D	Fruto 15'		Early Cretaceous J-2 Zone
18731	Stone Valley	3441		WC part of quad	152-D	Fruto 15'		Early Cretaceous J-2 Zone
18732	Stone Valley	3442		WC part of quad	152-D	Fruto 15'		Early Cretaceous J-2 Zone
18733	Stone Valley	3443		WC part of quad	152-D	Fruto 15'		Early Cretaceous J-2 Zone
18734	Elmira	3456		Potrero Hills	12-I	4/5N/1W	rads	Late Cretaceous E Zone
18735	Elmira	3457		Potrero Hills	12-I	corehole	15/5N/1W	late Eocene
18736	Fairfield South	3458		1/4N/2W	no slide			late Paleocene or early Eocene
18737	Idria?	3459	A	not found	140-F	Vallecitos syncline	age from lab	late Eocene Refugian Stage
18738	Idria	3465		center of quad	140-F	New Idria 15'	age from map	middle Eocene
18739	Idria	3466		WC part of quad	no slide	New Idria 15'	age from map	early Eocene B-4 or C zone
18740	Idria	3470		WC part of quad	140-F	New Idria 15'	age from lab	Paleocene
18741	Idria?	3473		not found	140-G	Vallecitos syncline		Late Cretaceous
18742	Idria	3476		San Carlos Creek	140-G	New Idria 15'	age from lab	Eocene
18743	Idria?	3478		not found	140-G	Vallecitos syncline	age from lab	early Eocene C Zone
18744	Idria	3480		WC part of quad	140-G	New Idria 15'	age from lab	middle Eocene A-2 Zone
18745	Idria	3481		WC part of quad	140-G	New Idria 15'	age from map	Eocene
18746	Idria	3483		WC part of quad	140-G	New Idria 15'	age from lab	early Eocene C Zone
18747	Idria	3484		WC part of quad	140-G	New Idria 15'	age from map	Cretaceous arenaceous foraminifers
18748	Santa Paula Peak	3490		Orcutt Canyon	no slide			Pliocene
18749	Santa Paula Peak	3491		Orcutt Canyon	no slide			Pliocene
18750	Ortigalita Peak NW	3552	A	Los Banos Ck CH	125-A	Ortigalita Pk 15'	Have strat	Late Cretaceous arenaceous foraminifers
18751	Ortigalita Peak NW	3552	B	Los Banos Ck CH	125-A	Ortigalita Pk 15'	column	Late Cretaceous arenaceous foraminifers
18752	Ortigalita Peak NW	3555		Los Banos Ck CH	125-A	Ortigalita Pk 15'	column	Late Cretaceous E Zone
18753	Ortigalita Peak NW	3559		Los Banos Ck CH	125-A	Ortigalita Pk 15'	column	Late Cretaceous arenaceous foraminifers
18754	Ortigalita Peak NW	3561		Los Banos Ck CH	125-A	Ortigalita Pk 15'	column	Late Cretaceous arenaceous foraminifers
18755	Ortigalita Peak NW	3562		EC part of quad	125-A	Ortigalita Pk 15'	column	Late Cretaceous arenaceous foraminifers
18756	Ortigalita Peak NW	3563		EC part of quad	125-A	Ortigalita Pk 15'	column	Late Cretaceous arenaceous foraminifers
18757	Ortigalita Peak NW	3564		EC part of quad	125-A	Ortigalita Pk 15'	column	Late Cretaceous arenaceous foraminifers
18758	Ortigalita Peak NW	3565		EC part of quad	125-A	Ortigalita Pk 15'	column	Late Cretaceous arenaceous foraminifers
18759	Ortigalita Peak NW	3566		EC part of quad	125-A	Ortigalita Pk 15'	column	Late Cretaceous arenaceous foraminifers
18760	Charleston School	3574		WC part of quad	no slide	age from Dos Palos		Late Cretaceous C or D-1 Zone
18761	Charleston School	3575		WC part of quad	no slide	seismic map		Late Cretaceous C or D-1 Zone
18762	Charleston School	3576		WC part of quad	no slide	seismic map		Late Cretaceous C or D-1 Zone
18763	Charleston School	3577		WC part of quad	no slide	seismic map		Late Cretaceous C or D-1 Zone
18764	Charleston School	3578		WC part of quad	no slide	seismic map		Late Cretaceous C or D-1 Zone
18765	Ortigalita Peak NW	3590		Salt Creek	125-A	Ortigalita Pk 15'	column	Late Cretaceous arenaceous foraminifers
18766	Ortigalita Peak NW	3591		Salt Creek	125-A	Ortigalita Pk 15'	column	Late Cretaceous arenaceous foraminifers
18767	Ortigalita Peak NW	3592		Salt Creek	125-A	Ortigalita Pk 15'	column	Late Cretaceous arenaceous foraminifers
18768	Ortigalita Peak NW	3593		Salt Creek	125-A	Ortigalita Pk 15'	column	Late Cretaceous arenaceous foraminifers
18769	Caldwell Mesa	3643		Arroyo Seco	69-J	Nipomo 15'		middle Miocene
18770	Caldwell Mesa	3644		Arroyo Seco	69-J	Nipomo 15'		probably early Miocene Relizian Stage
18771	Caldwell Mesa	3645		Arroyo Seco	69-J	Nipomo 15'		middle Miocene Luisian Stage
18772	Caldwell Mesa	3646		Arroyo Seco	62-C	Nipomo 15'		early Miocene Relizian Stage
18773	Caldwell Mesa	3647		Arroyo Seco	62-C	Nipomo 15'		early Miocene Relizian Stage
18774	Chimney Canyon	3649	A	Cuyama River Rd	62-C	Branch Mtn 15'		early Miocene Relizian Stage
18775	Chimney Canyon	3649	D	Cuyama River Rd	62-C	Branch Mtn 15'		possibly middle and late Miocene Mohnian Stage
18776	Chimney Canyon	3649	E	Cuyama River Rd	62-C	Branch Mtn 15'		possibly Oligocene Zemorrian Stage
18777	Chimney Canyon	3649	F	Cuyama River Rd	62-C	Branch Mtn 15'		possibly Oligocene Zemorrian Stage
18778	Chimney Canyon	3649	G	Cuyama River Rd	62-C	Branch Mtn 15'		Oligocene lower Zemorrian Stage
18779	Chimney Canyon	3649	H	Cuyama River Rd	62-C	Branch Mtn 15'		Oligocene lower Zemorrian Stage
18780	Chimney Canyon	3649	I	Cuyama River Rd	62-C	Branch Mtn 15'		Oligocene lower Zemorrian Stage
18781	Huasna Peak	3651		Cuyama River Rd	62-C	Nipomo 15'		early Miocene Relizian Stage
18782	Huasna Peak	3652		Cuyama River Rd	62-C	Nipomo 15'		early Miocene Relizian Stage
18783	Huasna Peak?	3653		not on map	62-C	Nipomo 15'		early Miocene Relizian Stage
18784	San Marcos Pass	3658		Oso Canyon	69-J			late Eocene
18785	Little Pine Mountain	3660		Santa Ynez River	69-J	Gibralter Dam 15'		middle Miocene Luisian Stage
18786	Santa Rosa Hills	3661		Santos Road	69-J			middle? Miocene
18787	Santa Rosa Hills	3662		Santos Road	69-J			middle? Miocene
18788	Solvang	3663		SW part of quad	69-J			middle Eocene A Zone
18789	Santa Rosa Hills	3664		SC part of quad	69-J			Oligocene lower Zemorrian Stage
18790	Lompoc Hills	3665		WC part of quad	69-J	Cabrillo Hwy		middle Eocene A-2 Zone
18791	Lompoc Hills	3665	RS	WC part of quad	69-J	Cabrillo Hwy		middle Eocene A-2 Zone
18792	Tranquillon Mountain	3667	RS	center of quad	69-J	Point Arguello 15'		Miocene
18793	Bald Mountain	3668		Sisquoc River	69-J	McPherson Pk 15'	age from map	early Miocene Relizian Stage
18794	Zaca Lake	3670		Alkali Canyon	69-J	Tepusquet Pk 15'		early Miocene
18795	Manzanita Mountain	3675		Goodchild Ranch	69-J	Tepusquet Pk 15'		middle Miocene
18796	San Marcos Pass	3680		Buro Road	69-J			probably Eocene
18797	San Marcos Pass	3681		Los Prieto Boys C	69-J			early Miocene Relizian Stage
18798	Lake Cachuma	3682	A	center of quad	69-J			early Miocene Relizian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
18799	Lake Cachuma	3682	B	S Marcos Pass Rd	69-J			early Miocene Relizian Stage
18800	Santa Rosa Hills	3683		EC part of quad	69-J			early Miocene Relizian Stage
18801	Parker SW	3694		Riverside Mtns	no slide	fresh or brackish		bivalves, ostracods
18802	Hayfield	3700		SW corner of quad	no slide	fresh or brackish		Turritella and a coral
18803	Mortmar	3701		NW corner of quad	no slide	fresh or brackish		bivalves
18804	Red Canyon	3702		Salt Creek	no slide	fresh or brackish		ostracods
18805	Point Arena	3703		Riverside Road	46-C			Oligocene Zemorrian Stage
18806	Point Arena	3704		Riverside Road	46-C			Oligocene Zemorrian or early Miocene Saucesian Stage
18807	Red Canyon	3704		NE part of quad	no slide	mollusk age		late Eocene
18808	Point Arena	3705		Riverside Road	161-G			Eocene
18809	Red Canyon	3705		NE part of quad	no slide			non diagnostic gastropods
18810	Parker NW	3706		NE part of quad	no slide			fresh water mollusks
18811	Point Arena	3706		Ross Creek	46-C			Oligocene Zemorrian? Stage
18812	Havasu Lake	3707		site six	no slide			fresh water ostracods and mollusks
18813	Point Arena	3708		Ross Creek	46-C			Miocene
18814	Saunders Reef	3709		Near Iverson Pt	46-C	Point Arena 15'		middle Eocene A-2 Zone
18815	Point Arena	3711		Hillcrest Dairy	46-C			Miocene
18816	Point Arena	3712		center of quad	46-C			Oligocene Zemorrian? Stage
18817	Point Arena	3713		Arena Cove	46-C			Oligocene Zemorrian Stage
18818	Point Arena	3718		Ross Creek	no slide			Miocene
18819	Saunders Reef	3719		Nr Galloway Schl	120-H	Point Arena 15'		Oligocene Zemorrian Stage
18820	Point Arena	3720		Ross Creek	120-H			Oligocene Zemorrian Stage
18821	Red Canyon	3721		NC part of quad	no slide			worms and mollusks
18822	Red Canyon	3722		NC part of quad	no slide			worms and mollusks
18823	Red Canyon	3723		NC part of quad	no slide			miliolids
18824	Red Canyon	3724		NC part of quad	no slide			mollusk fragments
18825	Myoma	3725		SE part of quad	no slide			bivalves
18826	Saunders Reef	3725		Near Walker Gulch	167-N	Point Arena 15'		Eocene
18827	Saunders Reef	3725	RS	Near Walker Gulch	167-N	Point Arena 15'		Eocene
18828	Gualala	3726	1	vic Steens Landing	167-N	Pt Arena 15'	NP age	early or middle Eocene
18829	Gualala	3726	2	vic Steens Landing	167-N	Pt Arena 15'	NP age	early or middle Eocene
18830	Red Canyon	3726		NC part of quad	no slide			worm tubes
18831	Red Canyon	3727		NC part of quad	no slide			plant impressions
18832	Saunders Reef	3728		Near Craig	142-H	Point Arena 15'	also has algae	Oligocene Zemorrian Stage
18833	Saunders Reef	3728		Near Craig	118-M	Point Arena 15'		Oligocene Zemorrian Stage
18834	Point Arena	3729		SC part of quad	120-H			Oligocene lower Zemorrian Stage
18835	Point Arena	3732		S of Arena Cove	122-G			early Miocene Saucesian Stage
18836	Thermal Canyon	3733		Thermal Canyon	41-M	Coachella 15'		freshwater bivalves and ostracods
18837	Mortmar	3734		Box Canyon	41-M	Cottonwood S 15'		ostracods
18838	Thermal Canyon	3735		Thermal Canyon	no slide	Coachella 15'		charaphyte tubes
18839	Thermal Canyon	3736		Thermal Canyon	no slide	Coachella 15'		bivalves and other fossils
18840	Spreckles	3749		Corral de Tierra	123-F	also has 4649 and	4950	late Miocene
18841	Wilcox Ridge?	3751		not found	108-L	Mt Boardman 15'?		Late Cretaceous arenaceous foraminifers
18842	Wilcox Ridge	3754		SE part of quad	108-L	Mt Boardman 15'		Late Cretaceous arenaceous foraminifers
18843	Wilcox Ridge	3757		SE part of quad	108-L	Mt Boardman 15'		Late Cretaceous arenaceous foraminifers
18844	Orestimba Peak	3759		Orestimba Ck area	108-L	Orestimba 15'		Late Cretaceous arenaceous foraminifers
18845	Kane Spring NW?	3760		not on map	12-K	Kane Springs 15'	ostracods	brackish water
18846	Orestimba Peak	3760		Orestimba Ck area	108-L	Orestimba 15'	not on map	Late Cretaceous D or E Zone
18847	Orestimba Peak	3761		Orestimba Ck area	108-L	Orestimba 15'		Late Cretaceous arenaceous foraminifers
18848	Orestimba Peak	3762		Orestimba Ck area	108-L	Orestimba 15'		Late Cretaceous D Zone
18849	Piru	3762		Arundell Peak vic	9-N	also has #3822		Miocene?
18850	Orestimba Peak	3763		Orestimba Ck area	108-L	Orestimba 15'		Late Cretaceous D-1 Zone
18851	Orestimba Peak	3764		Orestimba Ck area	108-L	Orestimba 15'		Late Cretaceous D-1 Zone
18852	Antioch South	3778		not on map	129-B	age from strat col		Late Cretaceous E Zone
18853	Antioch South	3779		not on map	129-B	age from strat col		Late Cretaceous arenaceous foraminifers
18854	Byron Hot Springs	3780		see strat col 519	129-B	age from strat col		Cretaceous arenaceous foraminifers
18855	Byron Hot Springs	3781		see strat col 519	129-B	age from strat col		Cretaceous arenaceous foraminifers
18856	Byron Hot Springs	3786		see strat col 519	129-C	rad & diatom abun		Cretaceous arenaceous foraminifers
18857	Warm Springs Mtn	3786		Charlie Canyon	84-J	old Red Mtn Q		Miocene
18858	Byron Hot Springs	3787		not on map	129-C			Cretaceous? arenaceous foraminifers
18859	Warm Springs Mtn	3787		Charlie Canyon	84-J	old Red Mtn Q		Miocene
18860	Byron Hot Springs	3788		not on map	129-C			early Eocene D Zone
18861	Byron Hot Springs	3789		not on map	129-C			early Eocene B Zone
18862	Oat Mountain	3792		Devil Canyon	49-G	from Kleinpell		middle Miocene Luisian Stage
18863	Oat Mountain	3797		Limekiln Canyon	49-J			middle and late Miocene Mohnian? Stage
18864	Santa Rita Peak	3800		Pine Canyon	no slide		age from map	Late Cretaceous?
18865	Santa Rita Peak	3801		Pine Canyon	no slide		age from map	Late Cretaceous
18866	Valyermo	3802		center of quad	no slide			late Paleocene E Zone
18867	Valyermo	3803		SC part of quad	46-F			late Paleocene E Zone
18868	Valyermo	3804		SC part of quad	46-F			late Paleocene E Zone
18869	Los Banos Valley	3806		NE corner of quad	126-A	Quien Sabe 15'		Late Cretaceous arenaceous foraminifers
18870	Tent Hills	3807		NC part of quad	no slide		Baculites	Cretaceous
18871	Tent Hills	3808		NC part of quad	no slide		Baculites	Cretaceous
18872	Sherman Peak	3809		Gravelly Flat	slide		Buchia	Early Cretaceous

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18873	Antioch South	3815		Deer Vly Rd area	120-G	32/1N/2E		Late Cretaceous E Zone
18874	Piru	3821		Lime Canyon	no slide			Pliocene
18875	Piru	3823		Lime Canyon	9-M		32/5N/18W	middle and late Miocene Mohnian? Stage
18876	Ono East	3832		Cottonwood Creek	no slide	strat column	ammonite	age not provided
18877	Ono East	3833		Cottonwood Creek	no slide	strat column	Buchia	Late Jurassic or Early Cretaceous
18878	Santa Margarita Lake	3836		near Pippin Corner	30-I	Pozo 15'		Late Cretaceous arenaceous foraminifers
18879	Ono East	3837		Cottonwood Creek	152-A	13/29N/9W	strat column	Late Jurassic or Early Cretaceous M or L Zone
18880	Ono East	3838	2	Cottonwood Creek	152-A	Ono 15'	strat column	Early Cretaceous K Zone
18881	Pozo Summit	3838		Soto Canyon	30-I	Pozo 15'		Late Cretaceous arenaceous foraminifers
18882	Pozo Summit	3839		Soto Canyon	30-I	Pozo 15'		Late Cretaceous arenaceous foraminifers
18883	Pozo Summit	3840		Soto Canyon	30-I	Pozo 15'		Late Cretaceous arenaceous foraminifers
18884	Santa Rosa Hills	3841		Santa Rosa Hills	69K			middle Miocene
18885	Lake Cachuma	3842		Tequepis Canyon	69K			late Miocene
18886	Lake Cachuma	3843		Tequepis Canyon	69K			Miocene
18887	Lake Cachuma	3844		Tequepis Canyon	69K			possibly late Miocene
18888	Ono East	3845		Cottonwood Creek	no slide	strat column	Buchia	Late Jurassic or Early Cretaceous
18889	Ono East	3846		Cottonwood Creek	no slide	fossil leaves,	ammonite	age not provided
18890	Ono East	3847		Cottonwood Creek	no slide	strat column	Buchia	Late Jurassic or Early Cretaceous
18891	Solvang	3850		center of quad	69-K			Oligocene Zemorrian Stage
18892	Santa Ynez	3851		Quiota Creek	69-K	Los Olivos 15'		middle Miocene
18893	Santa Ynez	3853		Quiota Creek	69-K	Los Olivos 15'		Oligocene upper Zemorrian Stage
18894	Santa Ynez	3855		Quiota Creek	69-K	Los Olivos 15'		early Miocene Relizian Stage
18895	Santa Ynez	3856		Quiota Creek	69-K	Los Olivos 15'		Miocene
18896	Santa Ynez	3857		Quiota Creek	69-K	Los Olivos 15'		Miocene
18897	Santa Ynez	3859		San Lucas Creek	69-K	Los Olivos 15'		Miocene
18898	Santa Ynez	3860		San Lucas Creek	69-K	Los Olivos 15'		middle and late Miocene lower Mohnian Stage
18899	Santa Rosa Hills	3861		Santa Ynez River	69-K			middle Eocene A Zone
18900	Tepusquet Canyon	3869		WC part of quad	164-J	Tepsuquet Pk 15'		early Miocene Saucesian Stage
18901	Byron Hot Springs	3872		not on map	129-B	strat column		Cretaceous arenaceous foraminifers
18902	Tepusquet Canyon	3874		WC part of quad	164-J	Tepsuquet Pk 15'		early or middle Miocene
18903	Tepusquet Canyon	3875		Tepusquet Creek	164-J	Tepsuquet Pk 15'		early Miocene Saucesian Stage
18904	Caldwell Mesa	3877		Salt Creek	69-K	Nipomo 15'		middle Miocene Luisian Stage
18905	Caldwell Mesa	3878		Salt Creek	69-K	Nipomo 15'		early Miocene Relizian Stage
18906	Caldwell Mesa	3879		E of Porter Ranch	69-K	Nipomo 15'		early Miocene Relizian Stage
18907	Caldwell Mesa	3880		E of Porter Ranch	69-K	Nipomo 15'		probably early Miocene Relizian Stage
18908	Caldwell Mesa	3881		E of Porter Ranch	69-K	Nipomo 15'		middle Miocene
18909	Antioch South	3885		Nr Stewartsville	121-E	11/1N/1E (SLP)		early Eocene B-4 Zone
18910	Antioch South	3886		Nr Stewartsville	121-E	11/1N/1E (SLP)		early Eocene B-4 Zone
18911	Antioch South	3887		Nr Stewartsville	121-E	11/1N/1E (SLP)		Eocene
18912	Caldwell Mesa	3887		Arroyo Seco	69-K	Nipomo 15'		early Miocene Relizian Stage
18913	Caldwell Mesa	3888		Joaquin Canyon	69-K	Nipomo 15'		middle Miocene Luisian Stage
18914	Antioch South	3889		Nr Stewartsville	121-E	11/1N/1E (SLP)		Eocene
18915	Caldwell Mesa	3889		Joaquin Canyon	69-K	Nipomo 15'		middle Miocene Luisian Stage
18916	Antioch South	3890		Nr Stewartsville	121-E	14/1N/1E (SLP)		early Eocene D Zone
18917	Caldwell Mesa	3890		Joaquin Canyon	69-K	Nipomo 15'		middle Miocene
18918	Antioch South	3891		Nr Stewartsville	121-E	14/1N/1E (SLP)		early Eocene D Zone
18919	Caldwell Mesa	3891		Joaquin Canyon	69-K	Nipomo 15'		late Miocene
18920	Caldwell Mesa	3893		Huasna River	69-K	Nipomo 15'		Miocene or Pliocene
18921	Caldwell Mesa	3895		Huasna River	69-K	Nipomo 15'		middle Miocene Luisian Stage
18922	Caldwell Mesa	3896		Huasna River	69-K	Nipomo 15'		middle Miocene Luisian Stage
18923	Caldwell Mesa	3897		Huasna River	69-K	Nipomo 15'		late Miocene
18924	Tepusquet Canyon?	3903		not on map	164-J	Tepusquet Pk 15'	molds only	Cretaceous arenaceous foraminifers
18925	Tepusquet Canyon	3907		NC part of quad	164-J	Tepusquet Pk 15'		early or middle Miocene Relizian or Luisian Stage
18926	San Marcos Pass	3908		EC S Ynez River	164-J			early Miocene Relizian Stage
18927	Little Pine Mountain	3909		Santa Ynez River	164-J	Gibralter Dam 15'		early Miocene
18928	Point Sal	3913		SE corner quad	69-J			early Miocene Relizian Stage
18929	Los Alamos	3916		SW part of quad	69-J	Lompoc 15'		possibly late Miocene
18930	Tepusquet Canyon	3917		NW corner quad	69-J	Tepusquet Pk 15'		Oligocene Zemorrian Stage
18931	Tepusquet Canyon	3918		NW corner quad	69-J	Tepusquet Pk 15'		Oligocene Zemorrian Stage
18932	Tepusquet Canyon	3919		NW corner quad	69-J	Tepusquet Pk 15'		Oligocene Zemorrian Stage
18933	Tepusquet Canyon	3920		NW corner quad	69-J	Tepusquet Pk 15'		Oligocene Zemorrian Stage
18934	Morro Bay South	3921		SE corner quad	164-J	Cayucos 15'		early Miocene Relizian Stage
18935	Morro Bay South?	3922		not on map	164-J	Cayucos 15'	Foxen Fm	Pliocene
18936	Caldwell Mesa	3924		Trout Creek area	69-J	Nipomo 15'	rubber casts	middle Miocene
18937	Caldwell Mesa	3925		Trout Creek area	69-J	Nipomo 15'	rubber casts	early Miocene Saucesian? Stage
18938	Tar Springs Ridge	3929		NE corner of quad	163-I	Nipomo 15'		early Miocene Saucesian Stage
18939	Tar Springs Ridge	3930		NE corner of quad	163-I	Nipomo 15'		early Miocene Saucesian Stage
18940	Tar Springs Ridge	3931		NE corner of quad	163-I	Nipomo 15'		early Miocene upper Saucesian Stage
18941	Tar Springs Ridge	3932		NE corner of quad	163-I	Nipomo 15'		middle Miocene
18942	Twitchell Dam	3933		center of quad	no slide			Oligocene Zemorrian Stage
18943	Twitchell Dam	3934		WC part of quad	no slide			early Miocene Relizian Stage
18944	Twitchell Dam	3936		WC part of quad	163-I			early Miocene Relizian Stage
18945	Twitchell Dam	3942		Nr Twitchell Dam	69-J			Oligocene Zemorrian Stage
18946	Twitchell Dam	3943		Nr Twitchell Dam	69-J			Oligocene Zemorrian Stage

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18947	Twitchell Dam	3944		Nr Twitchell Dam	69-J			Oligocene Zemorrian Stage
18948	Twitchell Dam	3945		center of quad	69-J			possibly late Miocene
18949	Twitchell Dam	3946		center of quad	69-J			early Miocene
18950	Fairfield South?	3958		Potrero Hills	12-I	1/4N/2W	not on map	probably late Paleocene E zone
18951	Fairfield South?	3958	RW	Potrero Hills	12-I	1/4N/2W	not on map	probably late Paleocene E zone
18952	El Toro	4036		Near Lambert Res	31-N			middle and late Miocene lower Mohnian Stage
18953	El Toro	4037		Near Lambert Res	no slide			late Miocene
18954	El Toro	4038		Canada Road	no slide			late Miocene
18955	El Toro	4039		Canada Road	no slide			late Miocene
18956	El Toro	4040		Canada Road	no slide			late Miocene
18957	El Toro	4041		Canada Road	no slide			late Miocene
18958	El Toro	4042		Canada Road	no slide			late Miocene
18959	El Toro	4043		Canada Road	no slide			late Miocene
18960	El Toro	4044		Canada Road	no slide			late Miocene
18961	Simi Valley East	4202		center of quad	140-G	Llajas Fm	large forams	Eocene
18962	El Toro	4430		Alisos Avenue	31-N			middle and late Miocene lower Mohnian Stage
18963	El Toro	4432	1	NW part of quad	31-N	rubber mold?		Miocene
18964	El Toro	4432	2	NW part of quad	31-N	rubber mold?		Miocene
18965	El Toro	4437		Limestone Canyon	31-N			Mohnian Stage
18966	El Toro	4438		SE part of quad	no slide			late Miocene
18967	El Toro	4439		SE part of quad	no slide			late Miocene
18968	El Toro	4440		SE part of quad	no slide			late Miocene
18969	El Toro	4441		SE part of quad	no slide			late Miocene
18970	El Toro	4442		SE part of quad	no slide			late Miocene
18971	El Toro	4443		SE part of quad	no slide			late Miocene
18972	El Toro	4444		SE part of quad	no slide			late Miocene
18973	El Toro	4445		SE part of quad	no slide			late Miocene
18974	El Toro	4446		SE part of quad	no slide			late Miocene
18975	El Toro	4447		SE part of quad	no slide			late Miocene
18976	Ono East	4451		Cottonwood Creek	no slide	Ono 15'	not on map	Early Cretaceous K Zone
18977	Ono West	4451		Nr Cottonwood Ck	148-G	not on map		Early Cretaceous K Zone
18978	Glendora	4522		Spring Canyon	31-N	SC part of quad	age from map	middle and late Miocene lower Mohnian Stage
18979	Dos Pueblos Canyon	4534		Naples area	no slide			middle and late Miocene upper Mohnian Stage
18980	Dos Pueblos Canyon	4535		Naples area	no slide			middle and late Miocene upper Mohnian Stage
18981	Dos Pueblos Canyon	4536		Naples area	no slide			middle and late Miocene lower Mohnian Stage
18982	Dos Pueblos Canyon	4537		Naples area	no slide			middle and late Miocene lower Mohnian Stage
18983	Dos Pueblos Canyon	4538		Naples area	no slide			early Miocene Saucesian? Stage
18984	Dos Pueblos Canyon	4539		Naples area	no slide			early Miocene Saucesian? Stage
18985	Dos Pueblos Canyon	4541		Naples area	no slide			early Miocene Saucesian? Stage
18986	Dos Pueblos Canyon	4547		Naples area	no slide			early Miocene lower Relizian Stage
18987	Dos Pueblos Canyon	4548		Naples area	no slide			early Miocene lower Relizian Stage
18988	Dos Pueblos Canyon	4549		Naples area	no slide			early Miocene lower Relizian Stage
18989	Dos Pueblos Canyon	4550		Naples area	no slide			early Miocene upper Relizian Stage
18990	Point Arena	4550		Mountain View Rd	115-E			Miocene?
18991	Dos Pueblos Canyon	4551		Naples area	no slide			early Miocene upper Relizian Stage
18992	Dos Pueblos Canyon	4552		Eagle Canyon	no slide			early Miocene Saucesian Stage
18993	Tajiguas	4562		West of Capitan	no slide			early Miocene upper Saucesian Stage
18994	Tajiguas	4563		West of Capitan	no slide			early Miocene upper Saucesian Stage
18995	Tajiguas	4564		East of Capitan	no slide			Miocene
18996	Tajiguas	4565		East of Capitan	no slide			early Miocene Relizian Stage
18997	Tajiguas	4566		West of Capitan	no slide			early Miocene upper Saucesian Stage
18998	Tajiguas	4567		West of Capitan	no slide			early Miocene lower Saucesian Stage
18999	Tajiguas	4568		EC part of quad	no slide			early Miocene lower Saucesian Stage
19000	Tajiguas	4570		SE of Tajiguas	no slide			early Miocene lower Relizian Stage
19001	Tajiguas	4571		Canada Refugio	no slide			early Miocene lower Relizian Stage
19002	Tajiguas	4572		Canada Refugio	no slide			early Miocene lower Relizian Stage
19003	Gaviota	4573		near Gaviota	no slide			middle and late Miocene upper Mohnian Stage
19004	Gaviota	4574		near Gaviota	no slide			early Miocene Saucesian Stage
19005	Gaviota	4575		near Gaviota	no slide			early Miocene Relizian? Stage
19006	Gaviota	4576		near Gaviota	no slide			early Miocene Saucesian Stage
19007	Gaviota	4577		near Gaviota	no slide			early Miocene Saucesian Stage
19008	Gaviota	4578		near Gaviota	118-G			early Miocene Saucesian Stage
19009	Gaviota	4579		near Gaviota	118-G			early Miocene Saucesian Stage
19010	Gaviota	4581		near Gaviota	118-G			early Miocene Saucesian Stage
19011	Tajiguas	4582		West of Capitan	no slide			early Miocene lower Relizian Stage
19012	Tajiguas	4583		West of Capitan	no slide			early Miocene upper Relizian Stage
19013	Tajiguas	4584		West of Capitan	no slide			early Miocene upper Relizian Stage
19014	Tajiguas	4585		Canada Refugio	no slide			early Miocene upper Relizian Stage
19015	Tajiguas	4586		Canada Refugio	no slide			early Miocene lower Relizian Stage
19016	Tajiguas	4587		Canada Refugio	no slide			early Miocene lower Relizian Stage
19017	Half Moon Bay	4588		in Half Moon Bay	123-E			middle Miocene Luisian Stage
19018	Tajiguas	4588		Canada Refugio	no slide			early Miocene Relizian Stage
19019	Half Moon Bay	4589		in Half Moon Bay	123-E			middle Miocene Luisian Stage
19020	Half Moon Bay	4591		in Half Moon Bay	no slide	Anadara trilineata	mollusk age	Pliocene

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19021	Tajiguas	4592		Canada Refugio	no slide			early Miocene Relizian Stage
19022	Tajiguas	4593		Canada Refugio	no slide			early Miocene Saucesian Stage
19023	Woodside	4593		Purisima Ck Road	123-F			early Miocene Saucesian Stage
19024	San Gregorio	4595		in San Gregorio	no slide			late Miocene Delmontian Stage
19025	Lompoc Hills	4598	3	SW part of quad	no slide			early Miocene Saucesian Stage
19026	Tranquillon Mountain	4602		Canada Rodeo	68-G	Point Arguello 15'	flood planktics	middle Eocene A Zone
19027	Lompoc Hills	4608		Jalama Road	no slide			Late Cretaceous
19028	Lompoc Hills	4610		Escondito Creek	19-F			middle and late Miocene Mohnian Stage
19029	Double Point	4611		Wildcat Lakes area	no slide			Miocene
19030	Lompoc Hills	4611		Escondito Creek	19-F			early Miocene Saucesian Stage
19031	Lompoc Hills	4613		center of quad	19-F			middle and late Miocene Mohnian Stage
19032	Lompoc Hills	4614	1	Escondito Creek	19-F			early Miocene Relizian Stage
19033	Lompoc Hills	4614	2	Escondito Creek	19-F			early Miocene Relizian Stage
19034	Lompoc Hills	4616		Escondito Creek	19-F			middle and late Miocene Mohnian Stage
19035	Half Moon Bay	4621		Pillar Point	16-K	not on map	Purisima?	Pliocene or Pleistocene
19036	Tranquillon Mountain	4621		center of quad	no slide	Point Arguello 15'		late Eocene or Oligocene
19037	Half Moon Bay	4622		in Half Moon Bay	16-K	age not correct for	area. Boulder?	middle Miocene Luisian Stage
19038	Pitas Point	4624		Punta Gorda	19-L		good fauna	Pliocene
19039	Pitas Point	4625		Punta area	no slide		1/25W/3N	Miocene?
19040	Pitas Point	4626		Punta area	no slide			Miocene
19041	Pitas Point	4627		Los Sauces Creek	no slide			Pliocene
19042	Pitas Point	4628		Los Sauces Creek	no slide			Pliocene
19043	Pitas Point	4629		vic Punta Gorda	no slide			Pliocene
19044	Reyes Peak	4632		SW part of quad	no slide			early Miocene Saucesian Stage
19045	Madulce Peak	4636		S Barbara Canyon	no slide		Turritella age	late Eocene
19046	Madulce Peak	4637		S Barbara Canyon	no slide		pelecypod age	late Eocene
19047	Tomales	4644		SE part of quad	no slide	washed is barren	dry exam	middle and late Miocene Mohnian Stage
19048	Spreckles	4649		Corral de Tierra	123-F	24/16S/2E (SLP)	see #3749	late Miocene
19049	Howard Ranch	4764		S Pacheco Hwy	no slide	strat column		Late Cretaceous C or D-1 Zone
19050	Howard Ranch?	4768		S Pacheco Hwy	no slide	strat column		Late Cretaceous
19051	Howard Ranch	4782		near Howard Rnch	125-A	Pacheco Pass 15'	strat column	Late Cretaceous C or D Zone
19052	Howard Ranch	4783		near Howard Rnch	125-A	Pacheco Pass 15'	strat column	Late Cretaceous C or D Zone
19053	Howard Ranch	4784		near Howard Rnch	125-A	Pacheco Pass 15'	strat column	Late Cretaceous C or D Zone
19054	Howard Ranch	4786		near Howard Rnch	125-A	Pacheco Pass 15'	strat column	Late Cretaceous C or D Zone
19055	Solvang	4795	1	NW corner quad	19-D	Slide says Santa	Rosa Hills	Miocene?
19056	Solvang	4795	3	NW corner quad	19-D			Miocene?
19057	Solvang	4795	2A	NW corner quad	19-D			Miocene?
19058	Solvang	4795	R20	NW corner quad	9-I			Miocene?
19059	Solvang	4795	2	NW corner quad	37-M			Miocene?
19060	Solvang	4795	2	NW corner quad	37-M			Miocene?
19061	Solvang	4795	3	NW corner quad	37-M			Miocene?
19062	Howard Ranch	4803		W of Romero	125-A	some data also	strat column	Late Cretaceous E Zone
19063	Howard Ranch	4805		W of Romero	125-A	from seismic line	strat column	Late Cretaceous D-2 Zone
19064	Howard Ranch	4806		W of Romero	125-A	map	age from map	Late Cretaceous D-2 Zone
19065	Howard Ranch	4807		W of Romero	125-A		age from map	Late Cretaceous D-2 Zone
19066	Howard Ranch	4810		W of Marshall Rd	125-A	Pacheco Pass 15'	age from map	Late Cretaceous D-2 Zone
19067	Howard Ranch	4811		W of Marshall Rd	125-A	Pacheco Pass 15'	age from map	Late Cretaceous D-2 Zone
19068	Howard Ranch	4812		near Howard Rnch	125-A	Pacheco Pass 15'	age from map	Late Cretaceous D-2 Zone
19069	Howard Ranch	4813		near Howard Rnch	125-A	Pacheco Pass 15'	age from map	possibly Late Cretaceous D-1 Zone
19070	Gaviota	4814	20	NW corner quad	37-M			Oligocene lower Zemorrian Stage
19071	Gaviota	4814	1	NW corner quad	37-M			Oligocene lower Zemorrian Stage
19072	Gaviota	4814	2	NW corner quad	37-M			Oligocene lower Zemorrian Stage
19073	Gaviota	4814	3	NW corner quad	37-M			Oligocene lower Zemorrian Stage
19074	Gaviota	4814	4	NW corner quad	37-M			Oligocene lower Zemorrian Stage
19075	Gaviota	4814	5	NW corner quad	37-M			Oligocene lower Zemorrian Stage
19076	Gaviota	4814	6	NW corner quad	37-M			Oligocene lower Zemorrian Stage
19077	Gaviota	4821	2	Gaviota Pass	37-L	also has # 4848	strat column	late Eocene Refugian Stage
19078	Gaviota	4821	3	Gaviota Pass	37-K	also 4830, 4840	strat column	late Eocene Refugian Stage
19079	Gaviota	4821	4	Gaviota Pass	37-K	also has # 4848	strat column	late Eocene Refugian Stage
19080	Gaviota	4821	5	Gaviota Pass	37-K	also has # 4848	strat column	late Eocene Refugian Stage
19081	Gaviota	4822		Gaviota Pass	no slide		oyster age	late Eocene or Oligocene
19082	Gaviota	4823		Gaviota Pass	no slide		oyster age	late Eocene or Oligocene
19083	San Luis Dam	4823		SE part of quad	125-A	Pacheco Pass 15'	strat column	Cretaceous arenaceous foraminifers
19084	Gaviota	4825		Gaviota Pass	no slide		strat column	Oligocene
19085	Volta	4825		SW of Volta	125-A	dupe loc Crevison	strat column	Late Cretaceous F or G Zone
19086	Gaviota	4826		Gaviota Pass	no slide	Turritella age	strat column	Oligocene
19087	Volta	4826		SW of Volta	125-A	dupe loc Crevison	strat column	Cretaceous arenaceous foraminifers
19088	Sacate	4827		Can Santa Anita	no slide		oyster age	late Eocene or Oligocene
19089	Sacate	4828		Can Santa Anita	no slide		oyster age	late Eocene or Oligocene
19090	Sacate	4829		Can Santa Anita	no slide		oyster age	late Eocene or Oligocene
19091	Volta	4829		SW of Volta	125-A	dupe loc Crevison	strat column	Late Cretaceous C Zone
19092	Sacate	4830	12	Can Santa Anita	37-L		strat column	late Eocene Refugian Stage
19093	Volta	4830		SW of Volta	125-A	dupe loc Crevison	strat column	Late Cretaceous C or D-1 Zone
19094	Sacate	4831		Can Santa Anita	no slide		Turitella age	late Eocene or Oligocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
19095	Santa Rosa Hills	4832	7	El Callejon Creek	37-K		mollusk age	Oligocene Zemorrian Stage
19096	Santa Rosa Hills	4832	8	El Callejon Creek	37-K		mollusk age	Oligocene Zemorrian Stage
19097	Santa Rosa Hills	4832	9	El Callejon Creek	37-K		mollusk age	Oligocene Zemorrian Stage
19098	Sacate	4833	1	NW corner quad	37-L	also 4838	strat column	Oligocene lower Zemorrian Stage
19099	Sacate	4833	6	NW corner quad	37-L		strat column	Oligocene lower Zemorrian Stage
19100	Sacate	4833	7	NW corner quad	37-K	also 4837, 4838	strat column	Oligocene lower Zemorrian Stage
19101	Sacate	4833	8	NW corner quad	37-K		strat column	Oligocene lower Zemorrian Stage
19102	Sacate	4833	11	NW corner quad	37-K	also 4837	strat column	Oligocene lower Zemorrian Stage
19103	Sacate	4833	12	NW corner quad	37-K		strat column	Oligocene lower Zemorrian Stage
19104	Sacate	4833	13	NW corner quad	37-K		strat column	Oligocene lower Zemorrian Stage
19105	Sacate	4835	2	NW corner quad	37-K		mollusk age	late Eocene or Oligocene
19106	Sacate	4835	4	NW corner quad	37-K		mollusk age	late Eocene or Oligocene
19107	Sacate	4837		Ar San Augustin	37-K		mollusk age	late Eocene Refugian Stage
19108	Point Conception	4838	3	Can Cementario	37-K		mollusk age	late Eocene or Oligocene
19109	Point Conception	4838	10	Can Cementario	37-K		mollusk age	late Eocene or Oligocene
19110	Point Conception	4838	11	Can Cementario	37-K		mollusk age	late Eocene or Oligocene
19111	Howard Ranch	4843		Mustang Creek	125-A	Pacheco Pass 15'	strat column	Cretaceous arenaceous foraminifers
19112	Howard Ranch	4844		Garzas Creek	125-A	Pacheco Pass 15'	strat column	Cretaceous arenaceous foraminifers
19113	Howard Ranch	4845		Mustang Creek	125-A	Pacheco Pass 15'	strat column	Cretaceous arenaceous foraminifers
19114	Howard Ranch	4846		Mustang Creek	125-A	Pacheco Pass 15'	strat column	Late Cretaceous C or D Zone
19115	Howard Ranch	4847		Mustang Creek	125-A	Pacheco Pass 15'	strat column	Late Cretaceous C or D Zone
19116	Howard Ranch	4848		Mustang Creek	125-A	Pacheco Pass 15'	strat column	Late Cretaceous C or D Zone
19117	Point Conception	4848	1	Nr Las Animas Spr	37-L		Pecten age	Oligocene
19118	Point Conception	4848	4	Nr Las Animas Spr	37-L		Pecten age	Oligocene
19119	Point Conception	4848	5	Nr Las Animas Spr	37-L		Pecten age	Oligocene
19120	Point Conception	4848	11	Nr Las Animas Spr	37-L		Pecten age	Oligocene
19121	Howard Ranch	4850		Mustang Creek	125-A	Pacheco Pass 15'	strat column	Cretaceous arenaceous foraminifers
19122	Santa Rosa Island S	4850		San Augustine Ck	no slide			early Miocene upper Saucesian Stage
19123	Santa Rosa Island N	4851	A	not on map	42-J	"Pecho Peak"		Miocene
19124	Santa Rosa Island N	4851	B	not on map	42-J	SE corner of quad	flood planktics	early Miocene Saucesian Stage
19125	Gaviota	4854	1	Arroyo Hondo	19-F	not on map	strat column	Oligocene lower Zemorrian Stage
19126	Gaviota	4854	2	Arroyo Hondo	19-F	not on map	strat column	Oligocene lower Zemorrian Stage
19127	Gaviota	4854	3	Arroyo Hondo	19-F	not on map	strat column	nonmarine
19128	Gaviota	4854	4	Arroyo Hondo	19-F	not on map	strat column	nonmarine
19129	Gaviota	4854	5	Arroyo Hondo	19-F	not on map	strat column	nonmarine
19130	Gaviota	4854	6	Arroyo Hondo	19-F	not on map	strat column	late Eocene Refugian Stage
19131	Gaviota	4854	7	Arroyo Hondo	19-F	not on map	strat column	late Eocene Refugian Stage
19132	Gaviota	4854	8	Arroyo Hondo	19-F	not on map	strat column	late Eocene Refugian Stage
19133	Gaviota	4854	9	Arroyo Hondo	19-F	not on map	strat column	late Eocene Refugian Stage
19134	Gaviota	4854	10	Arroyo Hondo	19-F	not on map	strat column	late Eocene Refugian Stage
19135	Gaviota	4854	11	Arroyo Hondo	19-F	not on map	strat column	late Eocene Refugian Stage
19136	Gaviota	4854	12	Arroyo Hondo	19-F	not on map	strat column	late Eocene Refugian Stage
19137	Tajiguas?	4855	1	not on map	19-F			late Eocene A-1 Zone
19138	Tajiguas?	4855	2	not on map	19-F			late Eocene A-1 Zone
19139	Tajiguas?	4855	3	not on map	19-F			late Eocene A-1 Zone
19140	Tajiguas	4856	1	Tajiguas Creek	19-F	not on map	strat column	Oligocene Zemorrian Stage
19141	Tajiguas	4856	2	Tajiguas Creek	19-F	not on map	strat column	Oligocene Zemorrian Stage
19142	Tajiguas	4856	3	Tajiguas Creek	19-F	not on map	strat column	Oligocene Zemorrian Stage
19143	Tajiguas	4856	4	Tajiguas Creek	19-F	not on map	strat column	Oligocene Zemorrian Stage
19144	Tajiguas	4856	5	Tajiguas Creek	19-F	not on map	strat column	Oligocene Zemorrian Stage
19145	Tajiguas	4856	6	Tajiguas Creek	19-F	not on map	strat column	nonmarine
19146	Tajiguas	4856	7	Tajiguas Creek	19-F	not on map	strat column	nonmarine
19147	Tajiguas	4856	8	Tajiguas Creek	19-F	not on map	strat column	nonmarine
19148	Tajiguas	4856	9	Tajiguas Creek	19-F	not on map	strat column	late Eocene Refugian Stage
19149	Tajiguas	4856	10	Tajiguas Creek	19-F	not on map	strat column	late Eocene Refugian Stage
19150	Tajiguas	4856	11	Tajiguas Creek	19-F	not on map	strat column	late Eocene Refugian Stage
19151	Tajiguas	4856	12	Tajiguas Creek	19-F	not on map	strat column	late Eocene Refugian Stage
19152	Tajiguas	4856	13	Tajiguas Creek	19-F	not on map	strat column	late Eocene Refugian Stage
19153	Tajiguas	4856	14	Tajiguas Creek	19-F	not on map	strat column	late Eocene Refugian Stage
19154	Tajiguas	4856	15	Tajiguas Creek	19-F	not on map	strat column	late Eocene Refugian Stage
19155	Tajiguas	4856	16	Tajiguas Creek	19-F	not on map	strat column	late Eocene Refugian Stage
19156	Tajiguas	4856	17	Tajiguas Creek	19-F	not on map	strat column	late Eocene Refugian Stage
19157	Tajiguas	4856	18	Tajiguas Creek	19-F	not on map	strat column	late Eocene Refugian Stage
19158	Laguna Seca Ranch	4857		NW corner quad	125-A	Ortigalita Pk 15'	from seismic	Late Cretaceous E Zone
19159	Tajiguas	4857	1	Canada del Capitan	19-F	not on map	strat column	Oligocene Zemorrian Stage
19160	Tajiguas	4857	2	Canada del Capitan	19-F	not on map	strat column	Oligocene Zemorrian Stage
19161	Tajiguas	4857	3	Canada del Capitan	19-F	not on map	strat column	Oligocene Zemorrian Stage
19162	Tajiguas	4857	5	Canada del Capitan	19-F	not on map	strat column	late Eocene Refugian Stage
19163	Tajiguas	4857	6	Canada del Capitan	19-F	not on map	strat column	late Eocene Refugian Stage
19164	Tajiguas	4857	7	Canada del Capitan	19-F	not on map	strat column	late Eocene Refugian Stage
19165	Tajiguas	4857	8	Canada del Capitan	19-F	not on map	strat column	late Eocene Refugian Stage
19166	Santa Rosa Island N	4858		SE part of quad	no slide			early Miocene
19167	Crevison Peak	4860		Garzas Creek	125-A	Pacheco Pass 15'	strat column	Late Cretaceous arenaceous foraminifers
19168	Dos Pueblos Canyon	4860	1	Las Llagas Canyon	no slide	age inferred from	strat column	Oligocene Zemorrian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
19169	Dos Pueblos Canyon	4860	2	Las Llagas Canyon	no slide	age inferred from	strat column	Oligocene Zemorrian Stage
19170	Dos Pueblos Canyon	4860	3	Las Llagas Canyon	no slide	age inferred from	strat column	late Eocene Refugian Stage
19171	Dos Pueblos Canyon	4860	4	Las Llagas Canyon	no slide	age inferred from	strat column	late Eocene Refugian Stage
19172	Dos Pueblos Canyon	4860	5	Las Llagas Canyon	no slide	age inferred from	strat column	late Eocene Refugian Stage
19173	Dos Pueblos Canyon	4860	6	Las Llagas Canyon	no slide	age inferred from	strat column	late Eocene Refugian Stage
19174	Dos Pueblos Canyon	4860	7	Las Llagas Canyon	no slide	age inferred from	strat column	late Eocene Refugian Stage
19175	Crevison Peak	4862		Garzas Creek	125-B	Pacheco Pass 15'	strat column	Cretaceous arenaceous foraminifers
19176	Santa Cruz Island A	4862		Morse Point	42-J	see #246 for	paleo report	early Miocene Relizian? Stage
19177	Santa Cruz Island A	4863		Morse Point	42-J			early Miocene Saucesian? Stage
19178	Crevison Peak	4864		Garzas Creek	125-B	Pacheco Pass 15'	strat column	Late Cretaceous arenaceous foraminifers
19179	Santa Cruz Island A	4864		Morse Point	42-J			early Miocene Saucesian Stage
19180	Volta	4864		Billie Wright Road	no slide	dupe loc Crevison	strat column	Late Cretaceous
19181	Crevison Peak	4865	U	Oat Gulch	125-B	Pacheco Pass 15'	strat column	Late Cretaceous
19182	Crevison Peak	4865	L	Oat Gulch	125-B	Pacheco Pass 15'	strat column	Late Cretaceous
19183	Santa Cruz Island A	4865		Canada de Posa	42-J			Eocene
19184	Volta	4865		Billie Wright Road	no slide	dupe loc Crevison	strat column	Late Cretaceous
19185	Crevison Peak	4866		Garzas Creek	125-B	Pacheco Pass 15'	strat column	Late Cretaceous D-2 Zone
19186	Volta	4866		Billie Wright Road	no slide	dupe loc Crevison	strat column	Late Cretaceous D-2 Zone
19187	Santa Cruz Island A	4867	1	Canada de Posa	42-J			Eocene?
19188	Santa Cruz Island A	4867	2	Canada de Posa	42-J			Eocene?
19189	Crevison Peak	4869		Garzas Creek	125-B	Pacheco Pass 15'	strat column	Late Cretaceous
19190	Volta	4869		Billie Wright Road	no slide	dupe loc Crevison	strat column	Cretaceous arenaceous foraminifers
19191	Crevison Peak	4870		Garzas Creek	125-B	Pacheco Pass 15'	strat column	Cretaceous arenaceous foraminifers
19192	Volta	4870		Billie Wright Road	no slide	dupe loc Crevison	strat column	Cretaceous arenaceous foraminifers
19193	Crevison Peak	4871		Garzas Creek	125-B	Pacheco Pass 15'	strat column	Cretaceous arenaceous foraminifers
19194	Volta	4871		Billie Wright Road	no slide	dupe loc Crevison	strat column	Cretaceous arenaceous foraminifers
19195	Crevison Peak	4872		Garzas Creek	125-B	Pacheco Pass 15'	strat column	Late Cretaceous
19196	Volta	4872		Billie Wright Road	no slide	dupe loc Crevison	strat column	Cretaceous arenaceous foraminifers
19197	Crevison Peak	4873		Garzas Creek	125-B	Pacheco Pass 15'	strat column	Late Cretaceous
19198	Volta	4873		Billie Wright Road	no slide	dupe loc Crevison	strat column	Cretaceous arenaceous foraminifers
19199	Crevison Peak	4874		Garzas Creek	125-B	Pacheco Pass 15'	strat column	Late Cretaceous
19200	Volta	4874		Billie Wright Road	no slide	dupe loc Crevison	strat column	Cretaceous arenaceous foraminifers
19201	Crevison Peak	4876		Garzas Creek	125-B	Pacheco Pass 15'	strat column	Cretaceous arenaceous foraminifers
19202	Dos Pueblos Canyon	4876	1	Eagle Canyon	no slide	age inferred from	strat column	Oligocene Zemorrian Stage
19203	Dos Pueblos Canyon	4876	2	Eagle Canyon	no slide	age inferred from	strat column	Oligocene Zemorrian Stage
19204	Dos Pueblos Canyon	4876	3	Eagle Canyon	no slide	age inferred from	strat column	Oligocene Zemorrian Stage
19205	Dos Pueblos Canyon	4876	4	Eagle Canyon	no slide	age inferred from	strat column	Oligocene Zemorrian Stage
19206	Dos Pueblos Canyon	4876	5	Eagle Canyon	no slide	age inferred from	strat column	Oligocene Zemorrian Stage
19207	Howard Ranch	4880		Garzas Creek	125-B	Pacheco Pass 15'	age from map	Late Cretaceous D Zone
19208	Howard Ranch	4881		Garzas Creek	125-B	Pacheco Pass 15'	strat column	Cretaceous arenaceous foraminifers
19209	Santa Barbara	4882		Sycamore Canyon	no slide	strat column	not on map	Oligocene Zemorrian Stage
19210	San Marcos Pass	4883	1	"old" San Marcos	no slide	ages inferred from	strat column	Oligocene Zemorrian Stage
19211	San Marcos Pass	4883	2	"old" San Marcos	no slide	ages inferred from	strat column	Oligocene Zemorrian Stage
19212	San Marcos Pass	4883	3	"old" San Marcos	no slide	ages inferred from	strat column	Oligocene Zemorrian Stage
19213	San Marcos Pass	4883	4	"old" San Marcos	no slide	ages inferred from	strat column	Oligocene Zemorrian Stage
19214	Goleta	4884	7	27/5N/28W (SLP)	26-I	not on map	strat column	late Eocene Refugian Stage
19215	Goleta	4884	13	27/5N/28W (SLP)	26-I	not on map	strat column	late Eocene Refugian Stage
19216	Goleta	4884	18	27/5N/28W (SLP)	26-I	not on map		late Eocene Refugian Stage
19217	Orestimba Peak	4884	U	Orestimba Creek	125-B	Orestimba 15'	strat column	Cretaceous arenaceous foraminifers
19218	Orestimba Peak	4884	L	Orestimba Creek	125-B	Orestimba 15'	strat column	Cretaceous arenaceous foraminifers
19219	San Marcos Pass	4884	1	"old" San Marcos	26-I			late Eocene Refugian Stage
19220	San Marcos Pass	4884	2	"old" San Marcos	26-I			late Eocene Refugian Stage
19221	San Marcos Pass	4884	3	"old" San Marcos	26-I			late Eocene Refugian Stage
19222	San Marcos Pass	4884	4	"old" San Marcos	26-I			late Eocene Refugian Stage
19223	San Marcos Pass	4884	5	"old" San Marcos	26-I			late Eocene Refugian Stage
19224	San Marcos Pass	4884	6	"old" San Marcos	26-I			late Eocene Refugian Stage
19225	San Marcos Pass	4884	7	"old" San Marcos	26-I			late Eocene Refugian Stage
19226	San Marcos Pass	4884	8	"old" San Marcos	26-I			late Eocene Refugian Stage
19227	San Marcos Pass	4884	9	"old" San Marcos	26-I			late Eocene Refugian Stage
19228	San Marcos Pass	4884	10	"old" San Marcos	26-I			late Eocene Refugian Stage
19229	San Marcos Pass	4884	11	"old" San Marcos	26-I			late Eocene Refugian Stage
19230	San Marcos Pass	4884	12	"old" San Marcos	26-I			late Eocene Refugian Stage
19231	San Marcos Pass	4884	13	"old" San Marcos	26-I			late Eocene Refugian Stage
19232	Orestimba Peak	4885		Orestimba Creek	125-B	Orestimba 15'	strat column	Late Cretaceous E Zone
19233	Orestimba Peak	4886		Orestimba Creek	125-B	Orestimba 15'	strat column	Late Cretaceous D or E Zone
19234	Dos Pueblos Canyon	4887	7	Tecolote Canyon	26-I	age inferred from	strat column	Eocene
19235	Dos Pueblos Canyon	4887	5	Tecolote Canyon	26-I	age inferred from	strat column	Eocene
19236	Dos Pueblos Canyon	4887	6	Tecolote Canyon	26-I	age inferred from	strat column	Eocene
19237	Dos Pueblos Canyon	4887	8	Tecolote Canyon	26-I	age inferred from	strat column	Eocene
19238	Orestimba Peak	4887		Orestimba Creek	125-B	Orestimba 15'	strat column	Late Cretaceous D or E Zone
19239	Dos Pueblos Canyon	4888	4	Gato Trail	19-F	age inferred from	strat column	middle Eocene A zone
19240	Dos Pueblos Canyon	4888	6	Gato Trail	19-F	age inferred from	strat column	middle Eocene A zone
19241	Dos Pueblos Canyon	4888	7	Gato Trail	19-F	age inferred from	strat column	middle Eocene A zone
19242	Dos Pueblos Canyon	4888	8	Gato Trail	19-F	age inferred from	strat column	middle Eocene A zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
19243	Dos Pueblos Canyon	4888	9	Gato Trail	19-F	age inferred from	strat column	middle Eocene A zone
19244	Dos Pueblos Canyon	4888	10	Gato Trail	19-F	age inferred from	strat column	middle Eocene A zone
19245	Dos Pueblos Canyon	4888	11	Gato Trail	19-F	age inferred from	strat column	middle Eocene A zone
19246	Dos Pueblos Canyon	4888	12	Gato Trail	19-F	age inferred from	strat column	middle Eocene A zone
19247	Dos Pueblos Canyon	4888	14	Gato Trail	19-F	age inferred from	strat column	middle Eocene A zone
19248	Dos Pueblos Canyon	4888	15	Gato Trail	19-F	age inferred from	strat column	middle Eocene A zone
19249	Dos Pueblos Canyon	4888	20	Gato Trail	19-F	age inferred from	strat column	middle Eocene A zone
19250	Dos Pueblos Canyon	4888	22	Gato Trail	19-F	age inferred from	strat column	middle Eocene A zone
19251	Dos Pueblos Canyon	4888	23	Gato Trail	19-F	age inferred from	strat column	middle Eocene A zone
19252	Orestimba Peak	4888		Orestimba Creek	125-B	Orestimba 15'	strat column	Cretaceous arenaceous foraminifers
19253	Orestimba Peak	4891		Orestimba Creek	125-B	not on map	strat column	Cretaceous arenaceous foraminifers
19254	Gaviota	4894		Canada del Molino	no slide	not on map	strat column	Oligocene lower Zemorrian Stage
19255	Orestimba Peak	4896		Orestimba Creek	125-B	Orestimba 15'	strat column	Late Cretaceous
19256	Dos Pueblos Canyon	4899	0	Eagle Canyon	19-E	age inferred from	strat column	nonmarine Sespe
19257	Dos Pueblos Canyon	4899	4	Eagle Canyon	19-E	age inferred from	strat column	nonmarine Sespe
19258	Dos Pueblos Canyon	4899	5	Eagle Canyon	19-E	age inferred from	strat column	nonmarine Sespe
19259	Dos Pueblos Canyon	4899	7	Eagle Canyon	9-I	age inferred from	strat column	late Eocene Refugian Stage
19260	Dos Pueblos Canyon	4899	11	Eagle Canyon	9-I	age inferred from	strat column	late Eocene A-1 Zone
19261	Dos Pueblos Canyon	4899	12	Eagle Canyon	9-I	age inferred from	strat column	middle Eocene A-2 Zone
19262	Dos Pueblos Canyon	4899	13	Eagle Canyon	19-E	age inferred from	strat column	middle Eocene A-2 Zone
19263	Dos Pueblos Canyon	4899	14	Eagle Canyon	19-E	age inferred from	strat column	middle Eocene A-2 Zone
19264	Dos Pueblos Canyon	4899	15	Eagle Canyon	19-E	age inferred from	strat column	middle Eocene A-2 Zone
19265	Dos Pueblos Canyon	4899	16	Eagle Canyon	19-E	age inferred from	strat column	middle Eocene A-2 Zone
19266	Dos Pueblos Canyon	4899	17	Eagle Canyon	19-E	age inferred from	strat column	middle Eocene A-2 Zone
19267	Dos Pueblos Canyon	4899	18	Eagle Canyon	19-E	age inferred from	strat column	middle Eocene A-2 Zone
19268	Dos Pueblos Canyon	4899	20	Eagle Canyon	19-E	age inferred from	strat column	middle Eocene A-2 Zone
19269	Dos Pueblos Canyon	4899	19	Eagle Canyon	19-E	age inferred from	strat column	middle Eocene A-2 Zone
19270	Dos Pueblos Canyon	4899	20	Eagle Canyon	19-E	age inferred from	strat column	middle Eocene A-2 Zone
19271	Dos Pueblos Canyon	4899	23	Eagle Canyon	19-E	age inferred from	strat column	middle Eocene A-2 Zone
19272	Dos Pueblos Canyon	4899	24	Eagle Canyon	19-E	age inferred from	strat column	middle Eocene A-2 Zone
19273	Dos Pueblos Canyon	4899	25	Eagle Canyon	19-E	age inferred from	strat column	middle Eocene A-2 Zone
19274	Dos Pueblos Canyon	4899	4	Eagle Canyon	19-F	age inferred from	strat column	middle Eocene A-2 Zone
19275	Dos Pueblos Canyon	4901	1	Glen Annie Canyon	9-I	age inferred from	strat column	Oligocene Zemorrian Stage
19276	Dos Pueblos Canyon	4901	2	Glen Annie Canyon	9-I	age inferred from	strat column	Oligocene Zemorrian Stage
19277	Dos Pueblos Canyon	4901	3	Glen Annie Canyon	9-I	age inferred from	strat column	nonmarine Sespe
19278	Dos Pueblos Canyon	4901	6	Glen Annie Canyon	9-I	age inferred from	strat column	late Eocene Refugian? Stage
19279	Tumey Hills	4903		Griswold Hills	29-K			early Eocene C Zone
19280	Tumey Hills	4907		Griswold Hills	29-K			early Eocene C Zone
19281	Goleta	4909	1	Las Vegas Creek	no slide	not on map	age inferred	Oligocene Zemorrian Stage
19282	Goleta	4909	2	Las Vegas Creek	no slide	not on map	age inferred	Oligocene Zemorrian Stage
19283	Goleta	4909	3	Las Vegas Creek	no slide	not on map	age inferred	nonmarine Sespe
19284	Goleta	4909	4	Las Vegas Creek	no slide	not on map	age inferred	late Eocene
19285	Goleta	4909	5	Las Vegas Creek	no slide	not on map	age inferred	late Eocene
19286	Goleta	4909	6	Las Vegas Creek	no slide	not on map	age inferred	late Eocene
19287	Goleta	4909	7	Las Vegas Creek	no slide	not on map	age inferred	late Eocene
19288	Santa Rosa Island W	4909		EC part of quad	no slide			Recent mollusks
19289	Santa Barbara	4910	1	La Cumbre Peak	no slide	strat column	not on map	middle or late Eocene
19290	Santa Barbara	4910	3	La Cumbre Peak	no slide	strat column	not on map	middle or late Eocene
19291	Santa Barbara	4910	4	La Cumbre Peak	no slide	strat column	not on map	middle or late Eocene
19292	Santa Barbara	4910	6	La Cumbre Peak	no slide	strat column	not on map	middle Eocene A-2 Zone
19293	Santa Rosa Island N	4910		Beechers Bay	no slide			early Miocene Saucesian or Relizian Stage
19294	Santa Rosa Island S	4914		South Point	42-J			middle Eocene A-2 Zone
19295	Santa Rosa Island S	4915		South Point	42-J			middle Eocene A-2 Zone
19296	Santa Rosa Island N	4916		NW anchorage	42-J			early Miocene Saucesian or Relizian Stage
19297	Santa Rosa Island East	4918		S of Beechers Bay	42-J			early Miocene Saucesian Stage
19298	Tumey Hills	4918		Griswold Hills	29-L			early Eocene B-3 Zone
19299	Santa Rosa Island East	4919		S of Beechers Bay	42-J			early Miocene upper Saucesian Stage
19300	Santa Rosa Island N	4920		SE part of quad	42-J			early or middle Miocene
19301	Tumey Hills	4920		Griswold Hills	29-L			early Eocene B-3 Zone
19302	Santa Rosa Island East	4921		S of Beechers Bay	42-J	see also SBe	Tumey H	Miocene
19303	Santa Rosa Island East	4922		S of Beechers Bay	42-J	see also SBe	Tumey H	early or middle Miocene
19304	Santa Rosa Island East	4923		S of Beechers Bay	42-J			early Miocene Saucesian or Relizian Stage
19305	Santa Rosa Island East	4924		S of Beechers Bay	42-J			early Miocene upper Saucesian Stage
19306	Santa Rosa Island S	4925		near hill 1028	42-J			middle Eocene A-2 Zone
19307	Santa Rosa Island N	4926		E of Arlington Cyn	42-J			early Miocene Saucesian Stage
19308	Santa Rosa Island N	4927		E of Arlington Cyn	42-J			early Miocene Saucesian or Relizian Stage
19309	Santa Rosa Island S	4931		W of Ford Point	42-J			probably Eocene
19310	Santa Rosa Island S	4932		Johnsons Lee	42-J			Eocene
19311	Santa Cruz Island C	4933		S of Chinese Harbr	42-J			middle and late Miocene Mohnian Stage
19312	Santa Cruz Island C?	4935		not on map	42-J			early Miocene Relizian Stage
19313	San Miguel Island East	4938		NE of Crook Point	26-I			early Miocene Saucesian? Stage
19314	San Miguel Island East	4939		NE of Crook Point	no slide		mollusks	Oligocene Zemorrian or early Miocene Saucesian Stage
19315	San Miguel Island East	4940		NE of Crook Point	no slide		mollusks	Oligocene Zemorrian or early Miocene Saucesian Stage
19316	San Miguel Island East	4943	1	S of Bay Point	26-I			early Miocene Relizian Stage

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19317	San Miguel Island East	4943	2	S of Bay Point	26-I			early Miocene Relizian Stage
19318	Spreckles	4950		Corral Tierra Vly	123-F	24/16S/2E (SLP)	see # 3749	late Miocene
19319	Spreckles	4951		Corral Tierra Vly	123-F			late Miocene
19320	Spreckles	4952		Washington School	123-F	14/16S/2E (SLP)		late Miocene
19321	Spreckles	4953		Calera Canyon	123-F	15/16S/2E (SLP)		upper? Miocene
19322	Carmel Valley	4955		Rana Creek	123-F			late Miocene
19323	Carmel Valley	4956		Rana Creek	123-F			late Miocene
19324	Carmel Valley	4957		Rana Creek	123-F	Fortuna 15'		late? Miocene
19325	Carmel Valley	4958		Rana Creek	123-F			late Miocene
19326	Spreckles	4961		Rana Creek	123-F			upper? Miocene
19327	Los Gatos	4976		Patcher Pass	123-F			Oligocene lower Zemorrian Stage
19328	San Gregorio	4987		in San Gregorio	no slide			late Miocene Delmontian Stage
19329	San Gregorio	4988		S of San Gregorio	no slide			late Miocene Delmontian Stage
19330	San Gregorio	4989		nr town San Greg	123-F	16/7S/4W (SLP)	fault zone	early Miocene Saucesian Stage
19331	Davenport	4991		in Davenport	123-F	Ben Lomond 15'		Miocene
19332	McWhinney Creek?	4993		not on map	10-L	Fortuna 15'	Elk River	Pliocene
19333	Arcata South	4995		Kneeland Road	10-L			Pliocene
19334	Fields Landing	4997		SE part of quad	10-L	Fortuna 15'		Pliocene
19335	Fields Landing	4999		Salmon Ck mouth	10-L	Fortuna 15'	not on map	Pliocene
19336	Redcrest	5000		Chadd Creek	10-L	Weott 15'	not on map	Miocene or Pliocene
19337	Cape Mendocino	5001		Bear River mouth	10-L	C. Mendocino 15'		Pliocene
19338	Cape Mendocino	5002		Bear River mouth	10-L	C. Mendocino 15'		late Miocene
19339	Cape Mendocino	5003		Bear River mouth	10-L	C. Mendocino 15'		middle Miocene upper? Luisian Stage
19340	Cape Mendocino	5004		Bear River mouth	10-L	C. Mendocino 15'	not on map	Pliocene
19341	Cape Mendocino	5005		Bear River mouth	10-L	C. Mendocino 15'		Miocene or Pliocene
19342	Scotia	5006		Eel River bank	10-L	Scotia 15'		Cretaceous? arenaceous foraminifers
19343	Scotia?	5008		Scotia area	10-L	Scotia 15'	not on map	late Miocene
19344	Redcrest	5009		S of Pepperwood	10-L	Weott 15'	not on map	late Miocene
19345	La Honda	5010		San Gregorio Creek	16-K	15/7S/4W (SLP)		early Miocene Saucesian Stage
19346	La Honda	5011		San Gregorio Creek	16-K			early Miocene Saucesian Stage
19347	Franklin Point	5012		Gazos Creek	16-K			forams reworked into late Miocene Delmontian Stage
19348	Franklin Point	5012	RW	Gazos Creek	16-K			forams reworked into late Miocene Delmontian Stage
19349	Franklin Point	5013		Gazos Creek	16-K			forams reworked into late Miocene Delmontian Stage
19350	La Honda	5013		center of quad	16-K			early Miocene Relizian? Stage
19351	La Honda	5014		San Gregorio Creek	16-K			Pliocene
19352	Franklin Point	5016		Gazos Creek	16-K	26/8S/4W (SLP)		middle Eocene A-2 Zone
19353	La Honda	5017		Pescadero Creek	16-K	4/8S/4W (SLP)		middle Eocene A-2 Zone
19354	La Honda	5018		Pomponio Ranch	no slide		planktics abun	middle Eocene A-2 Zone
19355	La Honda	5019		Pomponio Ranch	no slide			late Miocene Delmontian Stage
19356	La Honda	5020		Pomponio Ranch	16-K	30/7S/4W (SLP)		late Miocene Delmontian Stage
19357	San Gregorio	5021		EC part of quad	no slide			late Miocene Delmontian Stage
19358	Laurel	5028		Hwy 17 nr Glenwd	92-C			Oligocene lower Zemorrian Stage
19359	Laurel	5029		Hwy 17 nr Glenwd	92-C			Oligocene lower Zemorrian Stage
19360	Los Gatos	5039		Lexington Res	92-C			possibly early Miocene
19361	La Honda	5040	1	W of BM 219	116-N	17/7S/4W (SLP)		early Miocene Saucesian Stage
19362	La Honda	5040	2	W of BM 219	116-N	17/7S/4W (SLP)		early Miocene Saucesian Stage
19363	La Honda	5042		San Gregorio Ck	116-N	20/7S/4W (SLP)		Pliocene
19364	Monterey	5051		at municipal pier	no slide			middle and late Miocene lower Mohnian Stage
19365	Tumey Hills	5052		Griswold Hills	29-L			early Eocene C Zone
19366	Tumey Hills	5055		Griswold Hills	29-L			early Eocene C or D Zone
19367	Tumey Hills	5060		Griswold Hills	29-L			early Eocene C or D Zone
19368	Tumey Hills	5081		Griswold Hills	29-L			early Eocene C Zone
19369	Tumey Hills	5084		Griswold Hills	29-J			early Eocene C Zone
19370	Tumey Hills	5085		Griswold Hills	29-J			early Eocene C Zone
19371	Tumey Hills	5086		Griswold Hills	29-J			early Eocene C Zone
19372	Tumey Hills	5088		Griswold Hills	29-J			early Eocene C Zone
19373	Tumey Hills	5091		Griswold Hills	29-J			Late Cretaceous or Paleocene
19374	Tumey Hills	5096		Griswold Hills	29-J			Late Cretaceous or Paleocene
19375	Tumey Hills	5097		Griswold Hills	29-J			Late Cretaceous arenaceous foraminifers
19376	Tumey Hills	5098		Griswold Hills	29-J			late Paleocene E Zone
19377	Tumey Hills	5099		Griswold Hills	29-J			Late Cretaceous or Paleocene
19378	Dos Pueblos Canyon	5100		WC part of quad	no slide	Siphogenerina	flood	early or middle Miocene
19379	Tumey Hills	5100		Griswold Hills	29-J			late Paleocene E Zone
19380	Tumey Hills	5102		Griswold Hills	29-J			Late Cretaceous arenaceous foraminifers
19381	Tumey Hills	5103		Griswold Hills	29-J			early Eocene B-3 Zone
19382	Tumey Hills	5104		Griswold Hills	29-J			early Eocene B-3 Zone
19383	Tumey Hills	5105		Griswold Hills	29-J			early Eocene C Zone
19384	Tumey Hills	5106		Griswold Hills	29-J			early Eocene C Zone
19385	Tumey Hills	5107		Griswold Hills	29-J			early Eocene C Zone
19386	Tumey Hills	5108		Griswold Hills	29-J			Late Cretaceous arenaceous foraminifers
19387	Tumey Hills	5116		Griswold Hills	29-J			early Eocene B-3 Zone
19388	Tumey Hills	5117		Griswold Hills	29-J			early? Eocene
19389	Tumey Hills	5119		Griswold Hills	29-J			Late Cretaceous arenaceous foraminifers
19390	Topanga	5123		Sullivan Canyon	52-K		mapped Cret	Cretaceous? arenaceous foraminifers

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19391	San Juan Capistrano	5128	1	NW part of quad	44-I?			middle Miocene Luisian Stage
19392	San Juan Capistrano	5128	2	NW part of quad	44-I?			middle Miocene Luisian Stage
19393	San Juan Capistrano	5129		NW part of quad	45-N			middle Miocene Luisian Stage
19394	Glascock Mountain	5131		1954 NCGS stop 3	no slide	not on map	Sites Fm	Late Cretaceous
19395	Glascock Mountain	5132	A	vic stop # 3	no slide	not on map	Antelope/Fiske	Late Cretaceous
19396	Glascock Mountain	5132	B	vic stop # 4	no slide	not on map	Antelope/Fiske	Late Cretaceous
19397	Glascock Mountain	5132	C	vic stop # 5	no slide	not on map	Antelope/Fiske	Late Cretaceous
19398	Glascock Mountain	5133	A	vic stop # 6	no slide	not on map	Antelope/Fiske	Late Cretaceous
19399	Glascock Mountain	5133	B	vic stop # 7	no slide	not on map	Antelope/Fiske	Late Cretaceous
19400	Glascock Mountain	5134		vic stop # 8	no slide	not on map	Antelope/Fiske	Late Cretaceous
19401	Glascock Mountain	5135		vic stop # 9	no slide	not on map	Antelope/Fiske	Late Cretaceous
19402	Glascock Mountain	5136	A	vic stop # 10	no slide	not on map	Yolo Fm	Late Cretaceous
19403	Glascock Mountain	5136	B	vic stop # 11	no slide	not on map	Yolo Fm	Late Cretaceous
19404	Glascock Mountain	5137		vic stop # 12	no slide	not on map	Yolo Fm	Late Cretaceous
19405	Tepusquet Canyon	5141		Adams Ranch area	64-H	Tepusquet Pk 15'		Oligocene lower Zemorrian Stage
19406	Tepusquet Canyon	5142		Adams Ranch area	64-H	Tepusquet Pk 15'		Oligocene lower Zemorrian Stage
19407	Tepusquet Canyon	5145		Rattlesnake Cyn	64-H	sa # 6350	fish scales	middle Miocene
19408	Castle Rock Ridge	5149		not on map - check	no slide	Discocyclina calif.	type area?	Eocene (check Schenck's definition and location)
19409	Castle Rock Ridge	5150	A	BearCreek Road	142-E			middle Eocene B1-A Zone
19410	Castle Rock Ridge	5150	B	BearCreek Road	142-E			middle Eocene B1-A Zone
19411	Castle Rock Ridge	5150	C	BearCreek Road	142-E			middle Eocene B1-A Zone
19412	Castle Rock Ridge	5150	D	BearCreek Road	142-E			middle Eocene B1-A Zone
19413	Sacate	5151		S. Anita Canyon	37-L		Gaviota fm	Oligocene?
19414	Santa Ynez	5152		not on map	37-K	Los Olivos 15'		Miocene
19415	Santa Ynez	5152		Refugio Pass	37-L	Los Olivos 15'	Rincon sh	Miocene
19416	Val Verde	5160		not found	43-J	not on map		Miocene
19417	Val Verde	5162		not found	43-J	not on map		Miocene
19418	Val Verde	5163		not found	43-J	not on map		late Miocene
19419	Port San Luis	5167		Rattlesnake Cyn	65-A			early Miocene Saucesian or Relizian Stage
19420	Port San Luis	5169		Rattlesnake Cyn	no slide			early Miocene Saucesian or Relizian Stage
19421	Port San Luis	5170		NW of Deer Cyn	no slide		Pecten age	Oligocene Zemorrian Stage
19422	Port San Luis	5172		Deer Canyon	64-M		strat column	early Miocene Saucesian Stage
19423	Port San Luis	5173		NW of Deer Cyn	64-M		strat column	early Miocene Saucesian Stage
19424	Port San Luis	5174		NW of Deer Cyn	64-M		strat column	early Miocene Saucesian Stage
19425	Port San Luis	5175		NW of Deer Cyn	no slide	age on fish scales	fish scale age	Oligocene to middle Miocene
19426	Sawtooth Ridge	5194	322	center of quad	I-6	Owen Marsh colltr		Cretaceous arenaceous foraminifers
19427	Sawtooth Ridge	5194	322	center of quad	123-A	Owen Marsh colltr		Cretaceous arenaceous foraminifers
19428	Sawtooth Ridge	5195	323	center of quad	I-6	Owen Marsh colltr		Cretaceous arenaceous foraminifers
19429	Sawtooth Ridge	5195	323	center of quad	123-A	Owen Marsh colltr		Cretaceous arenaceous foraminifers
19430	Tent Hills	5201	OM530	EC part of quad	no slide		Inoceramus	Cretaceous
19431	Tent Hills	5207	OM536	Stoker Canyon	I-6			Late Cretaceous arenaceous foraminifers
19432	Tent Hills	5208	OM537	Stoker Canyon	I-6			Late Cretaceous arenaceous foraminifers
19433	Sawtooth Ridge	5209	564	NC part of quad	I-6	Owen Marsh colltr		middle Eocene A-2 Zone
19434	Sawtooth Ridge	5210	565	NC part of quad	I-6	Owen Marsh colltr		middle Eocene A-2 Zone
19435	Sawtooth Ridge	5211	566	NC part of quad	I-6	Owen Marsh colltr		Late Cretaceous arenaceous foraminifers
19436	Sawtooth Ridge	5212	570	NC part of quad	I-6	Owen Marsh colltr		Late Cretaceous arenaceous foraminifers
19437	Sawtooth Ridge	5213	571	NC part of quad	I-6	Owen Marsh colltr		Late Cretaceous arenaceous foraminifers
19438	Sawtooth Ridge	5214	572	NC part of quad	I-6	Owen Marsh colltr		Late Cretaceous arenaceous foraminifers
19439	Sawtooth Ridge	5215	573	NC part of quad	I-6	Owen Marsh colltr		Late Cretaceous arenaceous foraminifers
19440	Red Bluff?	5230		Red Bluff area	100-G	no map provided		Late Cretaceous F or G Zone
19441	Red Bluff?	5231		Red Bluff area	100-G	no map provided	algae?	Pliocene?
19442	Red Bluff?	5232		Red Bluff area	100-G	no map provided	algae?	Pliocene?
19443	Lompoc Hills	5235		Jalama Rd 1 mi S	45-N	of Jalama School		Eocene
19444	Lompoc Hills	5236		EC part of quad	45-N			Eocene
19445	Mount Vaca	5236		Pleasant Valley Rd	129-K		flood rads	middle Eocene A-2 Zone
19446	Monticello Dam	5237		SW corner of quad	150-G	at dam site		Early Cretaceous J Zone
19447	Tranquillon Mountain	5240		EC part of quad	no slide	Point Arguello 15'	NP age	late Eocene
19448	DeWitt Peak	5241		32/28N/1E	152-C	no map provided	very nice bugs	Late Cretaceous G-1 Zone
19449	Finley Butte	5241		28N/1E	152-C	no Chevron map		Late Cretaceous G-1 Zone
19450	DeWitt Peak	5242		Antelope Creek	152-C	no map provided	very nice bugs	Late Cretaceous G-1 Zone
19451	Finley Butte	5242		28N/1E	152-C	no Chevron map		Late Cretaceous G-1 Zone
19452	DeWitt Peak	5243		Antelope Creek	152-C	no map provided	very nice bugs	Late Cretaceous G-1 Zone
19453	DeWitt Peak	5244		32/28N/1E	152-C	no map provided	very nice bugs	Late Cretaceous G-1 Zone
19454	Finley Butte	5244		28N/1E	152-C	no Chevron map		Late Cretaceous G-1 Zone
19455	Tajiguas	5247	1	East of Tajiguas	no slide			early Miocene lower Relizian Stage
19456	Tajiguas	5247	1A	East of Tajiguas	no slide			early Miocene lower Relizian Stage
19457	Tajiguas	5248		East of Tajiguas	no slide			early Miocene lower Relizian Stage
19458	Tajiguas	5249		East of Tajiguas	no slide			early Miocene lower Relizian Stage
19459	Tajiguas	5250		East of Tajiguas	no slide			early Miocene lower Relizian Stage
19460	Tajiguas	5251		East of Tajiguas	no slide			early Miocene lower Relizian Stage
19461	Glascock Mountain	5252		Cache Creek	152-C		Funks shale	Late Cretaceous G-1 Zone
19462	Glascock Mountain	5252		not on map	152-C	Morgan Vly 15'	12/12N/4W	Late Cretaceous G-1 Zone
19463	Tajiguas	5252		East of Tajiguas	no slide			early Miocene lower Relizian Stage
19464	Finley Butte	5253		28N/1E	152-C	no Chevron map		Late Cretaceous G-1 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
19465	Glascock Mountain	5253		Cache Creek	152-C		Funks shale	Late Cretaceous G-1 Zone
19466	Glascock Mountain	5253		not on map	152-C	Morgan Vly 15'	12/12N/4W	Late Cretaceous G-1 Zone
19467	Tajiguas	5253		East of Tajiguas	no slide			early Miocene lower Relizian Stage
19468	Glascock Mountain	5254		Cache Creek	152-C		Sites Fm	Cretaceous
19469	Tajiguas	5254		East of Tajiguas	no slide			early Miocene lower Relizian Stage
19470	Glascock Mountain	5255		Cache Creek	152-C		Yolo Fm	Late Cretaceous arenaceous foraminifers
19471	Tajiguas	5255		East of Tajiguas	no slide			early Miocene lower Relizian Stage
19472	Tajiguas	5256		East of Tajiguas	no slide			early Miocene lower Relizian Stage
19473	Glascock Mountain	5257		Cache Creek	152-C		Fiske Fm	Late Cretaceous I Zone
19474	Glascock Mountain	5257		not on map	152-C	Morgan Vly 15'	4/12N/4W	Late Cretaceous I Zone
19475	Tajiguas	5257		East of Tajiguas	no slide			early Miocene lower Relizian Stage
19476	Tajiguas	5258		East of Tajiguas	no slide			early Miocene lower Relizian Stage
19477	Tajiguas	5259		East of Tajiguas	no slide			early Miocene lower Relizian Stage
19478	Tajiguas	5260		not found	no slide			early Miocene lower Relizian Stage
19479	Wilbur Springs	5260		not on map	152-C	Wilbur Sprs 15'	27/14N/5W	Jurassic
19480	Tajiguas	5261		North of Tajiguas	no slide			early Miocene lower Relizian Stage
19481	Wilbur Springs	5261		not on map	152-C	Wilbur Sprs 15'	27/14N/5W	Jurassic
19482	Lodoga	5262		Howard Creek	152-C	Lodoga 15'		Early Cretaceous J-2 Zone
19483	Tajiguas	5262		North of Tajiguas	no slide			early Miocene lower Relizian Stage
19484	Lodoga	5263		Howard Creek	152-C	Lodoga 15'		Early Cretaceous J-2 Zone
19485	Tajiguas	5263		North of Tajiguas	no slide			early Miocene lower Relizian Stage
19486	Lodoga	5265		Howard Creek	152-C	Lodoga 15'		Early Cretaceous J-2 Zone
19487	Lodoga?	5266		not on map	152-C	Lodoga 15'		Late Cretaceous I Zone
19488	Tajiguas	5266		East of Tajiguas	no slide			early Miocene lower Relizian Stage
19489	Fruto	5267		not on map	no slide	also has ammonites		Early Cretaceous J Zone
19490	Tajiguas	5267		Arroyo Quemado	no slide			early Miocene lower Relizian Stage
19491	Fruto	5268		center of quad	no slide	also has ammonites		Late Cretaceous
19492	Tajiguas	5268		Arroyo Quemado	no slide			early Miocene lower Relizian Stage
19493	Fruto	5269		center of quad	no slide	also has ammonites		Late Cretaceous
19494	Tajiguas	5269		Arroyo Quemado	no slide			early Miocene lower Relizian Stage
19495	Tajiguas	5270		Arroyo Quemado	no slide			early Miocene Relizian Stage
19496	Tajiguas	5271		Arroyo Quemado	no slide			early Miocene lower Relizian Stage
19497	Tajiguas	5272		Arroyo Quemado	no slide			early Miocene lower Relizian Stage
19498	Tajiguas	5273		East of Tajiguas	no slide			early Miocene lower Relizian Stage
19499	Tajiguas	5276		East of Tajiguas	no slide			early Miocene Relizian? Stage
19500	Tajiguas	5277		East of Tajiguas	no slide			early Miocene Relizian? Stage
19501	Tajiguas	5278		East of Tajiguas	no slide			early Miocene lower Relizian Stage
19502	Tajiguas	5279		East of Tajiguas	no slide			early Miocene lower Relizian Stage
19503	Tajiguas	5280		East of Tajiguas	no slide			early Miocene lower Relizian Stage
19504	Tajiguas	5281		East of Tajiguas	no slide			early Miocene lower Relizian Stage
19505	Tajiguas	5282		East of Tajiguas	no slide			early Miocene lower Relizian Stage
19506	Tajiguas	5288		East of Tajiguas	no slide			early Miocene Relizian Stage
19507	Tajiguas	5289		East of Tajiguas	no slide			early Miocene Relizian Stage
19508	Tajiguas	5290		Canada Refugio	no slide			early Miocene Relizian Stage
19509	Tajiguas	5292		Canada Refugio	no slide			early Miocene Relizian Stage
19510	Tajiguas	5294		North of Capitan	no slide			early Miocene Relizian Stage
19511	Tajiguas	5295		North of Capitan	no slide			early Miocene lower Relizian Stage
19512	Tajiguas	5297		Canada Venadito	no slide			early Miocene lower Relizian Stage
19513	Tajiguas	5298		Canada Venadito	no slide			early Miocene lower Relizian Stage
19514	Tajiguas	5299		Canada Venadito	no slide			early Miocene lower Relizian Stage
19515	Santa Paula	5302		South Mountain	no slide			Pliocene
19516	Santa Paula	5303		South Mountain	no slide			Pliocene
19517	Santa Paula	5304		South Mountain	no slide			Pliocene
19518	Santa Paula	5305		South Mountain	no slide			Miocene
19519	Santa Paula	5306		South Mountain	no slide			Pliocene
19520	Santa Paula	5307		South Mountain	no slide			Pliocene
19521	Santa Paula	5308		South Mountain	no slide			Pliocene
19522	Santa Paula	5309		South Mountain	no slide			Pliocene
19523	Santa Paula	5310		South Mountain	no slide			Pliocene
19524	Santa Paula	5311		South Mountain	no slide			Miocene
19525	Santa Paula	5313		South Mountain	no slide		Saugus Fm	marine Pleistocene
19526	Santa Paula	5316		South Mountain	no slide			Pliocene
19527	Santa Paula	5317		South Mountain	no slide		Saugus Fm	marine Pleistocene
19528	Santa Paula	5318		South Mountain	no slide		Saugus Fm	marine Pleistocene
19529	Santa Paula	5319		South Mountain	no slide		Saugus Fm	marine Pleistocene
19530	Santa Paula	5320		South Mountain	no slide		Saugus Fm	marine Pleistocene
19531	Ono West	5321		W of BM 956	no slide	Ono 15'		Early Cretaceous arenaceous foraminifers
19532	Santa Paula	5321		South Mountain	no slide		Saugus Fm	marine Pleistocene
19533	Santa Paula	5322		South Mountain	no slide			Pliocene
19534	Simi Valley West	5325		NW part of quad	no slide			Pliocene
19535	Simi Valley West	5326		NW part of quad	no slide			Pliocene
19536	Moorpark	5327		NW corner of quad	no slide			middle Miocene Luisian Stage
19537	Fillmore	5328		NW of Fillmore	no slide		Saugus Fm	marine Pleistocene
19538	Fillmore	5329		NW of Fillmore	no slide		Saugus Fm	marine Pleistocene

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19539	Fillmore	5330		NE of Snow Cyn	no slide		Saugus Fm	marine Pleistocene
19540	Fillmore	5335		NW of Fillmore	no slide		S Barb Fm	marine Pleistocene
19541	Fillmore	5337		Snow Canyon	6-E			Pliocene
19542	Fillmore	5338		Snow Canyon	6-E			Pliocene
19543	Lodoga?	5338		not on map	no slide	Lodoga 15'		Early Cretaceous J-2 Zone
19544	Fillmore	5339		Snow Canyon	6-E			Pliocene
19545	Fillmore	5340		Snow Canyon	6-E			Pliocene
19546	Lodoga?	5340		not on map	no slide	Lodoga 15'		Early Cretaceous J-2 Zone
19547	Elk Creek?	5341		not on map	no slide	7.5' quad uncertain	Buchia age	Early Cretaceous
19548	Fillmore	5341		Snow Canyon	6-E			Pliocene
19549	Elk Creek?	5342		not on map	no slide	7.5' quad uncertain		Late Jurassic M Zone
19550	Fillmore	5342		Snow Canyon	6-E			Pliocene
19551	Fillmore	5343		Snow Canyon	6-E			Pliocene
19552	Fillmore	5344		Snow Canyon	6-E			Pliocene
19553	Santa Paula	5345		not on map	no slide	Timber Cyn Field		Pliocene
19554	Santa Paula	5350		not on map	no slide	Timber Cyn Field		Pliocene
19555	Santa Paula	5351		not on map	no slide	Timber Cyn Field		Pliocene
19556	Fillmore	5352		NE of Snow Cyn	6-E			Pliocene
19557	Fillmore	5353		NE of Snow Cyn	6-E			Pliocene
19558	Fillmore	5354		NE of Snow Cyn	6-E			Pliocene
19559	Fillmore	5355		SW of Snow Cyn	6-E			Pliocene
19560	Moorpark	5358		W of Balcom Cyn	26-I			middle Miocene Luisian Stage
19561	Moorpark	5359		W of Balcom Cyn	26-I			early Miocene Saucesian? Stage
19562	Santa Paula	5361		EC part of quad	no slide			Pliocene
19563	Fillmore	5362		NE of Snow Cyn	no slide		Saugus Fm	marine Pleistocene
19564	Fillmore	5363		NE of Snow Cyn	no slide			Pliocene
19565	Fillmore	5363	A	NE of Snow Cyn	no slide		Saugus Fm	marine Pleistocene
19566	Fillmore	5364		NE of Snow Cyn	no slide		Saugus Fm	marine Pleistocene
19567	Fillmore	5366		NE of Snow Cyn	no slide		Saugus Fm	marine Pleistocene
19568	Simi Valley West	5368		NE corner of quad	no slide			middle Miocene Luisian Stage
19569	Moorpark	5370		not on map	no slide		Pecten age	middle Miocene
19570	Pleito Hills	5370		NE part of quad	86-C		age from map	early Miocene Relizian Stage
19571	Pleito Hills	5373		NE part of quad	86-C		age from map	middle Miocene Luisian Stage
19572	Twitchell Dam	5374		NE part of quad	no slide		fish scale age	middle and late Miocene Mohnian Stage
19573	Foxen Canyon	5375		NE part of quad	no slide	Tepsequet Pk 15'	pelecypod age	late Miocene
19574	Lion Canyon	5381	A	Piedra Blanca Ck	54-T			Oligocene Zemorrian or early Miocene Saucesian Stage
19575	Lion Canyon	5381	B	Piedra Blanca Ck	54-I			Oligocene Zemorrian or early Miocene Saucesian Stage
19576	Fillmore	5382		NE of Snow Cyn	no slide		Saugus Fm	marine Pleistocene
19577	Pleito Hills	5383		Black Bob Canyon	no slide		not on map	Eocene (age from porosity and perm table)
19578	Pleito Hills	5390		Black Bob Canyon	no slide		not on map	Eocene (age from porosity and perm table)
19579	Pleito Hills	5392		Salt Creek	86-C		not on map	Eocene
19580	Pleito Hills	5395		center of quad	no slide			early Miocene Saucesian Stage (from P&P table)
19581	Pleito Hills	5398		EC part of quad	86-C			early Miocene Relizian Stage
19582	Lake Cachuma	5407		EC part of quad	no slide			Miocene
19583	San Marcos Pass	5408		SE part of quad	no slide		clam age	late Eocene
19584	San Marcos Pass	5409		SE part of quad	no slide		Turritella etc	late Eocene
19585	San Marcos Pass	5410		SE part of quad	no slide	strat column #269	NP age	middle Eocene
19586	San Marcos Pass	5411		SE part of quad	no slide	strat column #269	NP age	middle Eocene
19587	San Marcos Pass	5412		SE part of quad	no slide	strat column #269	NP age	middle Eocene
19588	San Marcos Pass	5413		SE part of quad	no slide	strat column #269	NP age	middle Eocene
19589	Lake Cachuma	5414		SW part of quad	no slide			Eocene
19590	Point Arena	5418		Mountain View Rd	169-E			Oligocene Zemorrian or early Miocene Saucesian Stage
19591	Point Arena	5419		Mountain View Rd	169-E			Oligocene Zemorrian or early Miocene Saucesian Stage
19592	Point Arena	5419	RS	Mountain View Rd	169-E			Oligocene Zemorrian or early Miocene Saucesian Stage
19593	Point Arena	5420		in Point Arena	no slide			Oligocene Zemorrian or early Miocene Saucesian Stage
19594	Point Arena	5422		in Point Arena	169-E			Oligocene Zemorrian or early Miocene Saucesian Stage
19595	San Pedro	5423		Whites Point	21-N		age from map	middle Miocene Luisian Stage
19596	Point Arena	5426		Windy Hollow Rd	169-E			Oligocene Zemorrian or early Miocene Saucesian Stage
19597	Point Arena	5427		Windy Hollow Rd	169-E			Oligocene Zemorrian or early Miocene Saucesian Stage
19598	Point Arena	5428		NE of Pt Arena	169-E			Oligocene Zemorrian or early Miocene Saucesian Stage
19599	Point Arena	5430	RW	NE of Pt Arena	169-E			Oligocene Zemorrian or early Miocene Saucesian Stage
19600	Point Arena	5432		SE of Moat Creek	169-E	not on map	NP age	early Miocene
19601	Point Arena	5433		Pt Arena area	169-E	also has NP	not on map	early Eocene or late Paleocene
19602	Point Arena	5434		Flumeville area	169-E			early Miocene
19603	Point Arena	5436		Flumeville area	169-E			Oligocene Zemorrian or early Miocene Saucesian Stage
19604	Point Arena	5437		Flumeville area	169-E			Oligocene Zemorrian or early Miocene Saucesian Stage
19605	Point Arena	5438		Flumeville area	169-E			Oligocene Zemorrian or early Miocene Saucesian Stage
19606	Point Arena	5439		Flumeville area	169-E			Oligocene Zemorrian or early Miocene Saucesian Stage
19607	Napa	5442		Carneros Valley	1-C	Sonoma 15'		late Miocene
19608	Rutherford	5443		Calabazas Creek	1-C			late Miocene
19609	Glen Ellen	5462		WC part of quad	no slide	Santa Rosa 15'	age from map	Pliocene?
19610	San Marcos Pass	5501	1	Upper Oso Camp	no slide			Eocene
19611	San Marcos Pass	5501	2	Upper Oso Camp	26-I			Eocene
19612	San Marcos Pass	5503	1	Los Prietos Boy C	26-I			early Miocene Relizian Stage

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19613	Lion Canyon	5580	1	Piedra Blanca Cmp	26-I		strat column	middle Eocene A-2 Zone
19614	Lion Canyon	5580	2	Piedra Blanca Cmp	26-I		strat column	middle Eocene A-2 Zone
19615	Lion Canyon	5580	3	Piedra Blanca Cmp	26-I		strat column	middle Eocene A-2 Zone
19616	Lion Canyon	5581		Piedra Blanca Cmp	70-C		strat column	middle Eocene A-2 Zone
19617	Los Angeles	5584		San Bernardino Fy	1-N	S of SP shops	strat column	Eocene
19618	White Water	5588		Painted Hill area	10-B	not on map	1/3S/3E	late Miocene or Pliocene mollusks and foraminifers
19619	White Water	5589		Painted Hill area	10-B	not on map	Weaver age	late Miocene or Pliocene mollusks and foraminifers
19620	Black Star Canyon	5590		E of Blind Canyon	11-E		mollusk age	Eocene Domengine Stage
19621	Mindego Hill	5626		vic BM 2573	48-N	6/8S/2W (SLP)		Oligocene lower Zemorrian Stage
19622	Canada Gobernadora	5628		W of Can. Chiquita	19-D			middle and late Miocene Mohnian Stage
19623	Canada Gobernadora	5630		W of Can. Chiquita	19-D		nice fauna	middle and late Miocene Mohnian Stage
19624	Canada Gobernadora	5631		W of Can. Chiquita	19-D			middle and late Miocene Mohnian Stage
19625	Woodside	5634		center of quad	48-N	17/6S/4W (SLP)		Oligocene Zemorrian or early Miocene Saucesian Stage
19626	Woodside	5635		center of quad	48-N	18/6S/4W (SLP)		middle Eocene A-2 Zone
19627	Woodside	5641		center of quad	48-N	7/6S/4W (SLP)		Oligocene Zemorrian Stage
19628	Glen Ellen	5642		WC part of quad	no slide			Pliocene?
19629	Seaside	5648		Carmel Valley	7-D	25/16S/1E (SLP)	sa #5665	middle Miocene Luisian Stage
19630	Carmel Valley	5665		Tularcitos Creek	7-D	Jamesburg 15'		early and middle Miocene lower? Mohnian Stage
19631	Castle Rock Ridge	5671		Zayante Creek	no slide			middle Miocene Luisian Stage
19632	Felton	5671		Ben Lomond	129-M	24/9S/2W		middle Miocene Luisian? Stage
19633	Castle Rock Ridge	5672		Zayante Creek	no slide			middle Miocene Luisian? Stage
19634	Junipero Serra Peak	5681		Indians Road	121-E	Junipero Serra 15'		late Paleocene E zone
19635	Bear Canyon	5682		WC part of quad	121-E			late Paleocene E Zone
19636	Bear Canyon	5683		center of quad	121-E			middle and late Miocene lower Mohnian Stage
19637	Cone Peak	5684		Garrizo Creek	121-E	Junipero Serra 15'		late Paleocene E Zone
19638	Santa Cruz Island?	5684		not on map	42-K			Eocene
19639	Cone Peak	5685		Garrizo Creek	121-E	Junipero Serra 15'		late Paleocene E Zone
19640	Santa Cruz Island?	5685		not on map	42-K			Eocene
19641	Woodside	5685		SE part of quad	no slide			late Paleocene E Zone
19642	Cone Peak	5686		Merle Ranch	121-E	Junipero Serra 15'		late Paleocene E Zone
19643	Junipero Serra Peak	5687		Arroyo Seco	121-E	Junipero Serra 15'		early Miocene Relizian Stage
19644	Cone Peak	5688		Merle Ranch	121-E	Junipero Serra 15'		late Paleocene E Zone
19645	Bear Canyon	5689		center of quad	121-E			middle and late Miocene Mohnian Stage
19646	Cone Peak	5690		Arroyo Seco	121-E	Junipero Serra 15'		probably early Miocene
19647	Cone Peak	5691		Arroyo Seco	121-E	Junipero Serra 15'		probably early Miocene
19648	La Honda	5696		NE part of quad	129-M	2/7S/4W (SLP)	Half MB 15'	late Eocene Refugian Stage
19649	Mindego Hill	5697		SE corner of quad	129-M	8/8S/2W (SLP)		Oligocene Zemorrian Stage
19650	Big Basin	5698		NE corner quad	126-M	12/8S/3W (SLP)	has planktics	early Miocene
19651	Ano Nuevo	5699	1	Point Ano Nuevo	126-M	has NP m Mioc	has diatoms	early Miocene Saucesian Stage
19652	Ano Nuevo	5699	2	Point Ano Nuevo	126-M		has mollusks	early Miocene Saucesian Stage
19653	Ano Nuevo	5699	3	Point Ano Nuevo	126-M		has mollusks	early Miocene Saucesian Stage
19654	Ano Nuevo	5699	4	Point Ano Nuevo	126-M		has m Mioc NP	early Miocene Saucesian Stage
19655	San Marcos Pass	5768		SE part of quad	no slide	strat column #269	NP age	late Eocene
19656	Black Star Canyon	5836		NW of Santiago Dm	no slide		Turritella age	late Paleocene E Zone
19657	Point Dume	5852		center of quad	no slide		Turritella age	early Miocene
19658	Orange	5861		SE part of quad	no slide		Turritella etc	Miocene
19659	Orange	5862		SE part of quad	no slide	not on map	Turritella etc	Miocene
19660	Yuha Basin	5862		NW part of quad	11-E	Coyote Wells 15'	Imperial Fm	late Miocene or Pliocene
19661	Moorpark	5869		Grimes Canyon	no slide			Pliocene
19662	Moorpark	5870		Grimes Canyon	no slide			Pliocene
19663	Lion Canyon	5894		Rancho Grande	no slide			late Eocene A-1 Zone
19664	Lion Canyon	5895		Rancho Grande	no slide			late Eocene A-1 Zone
19665	Topatopa Mountains	5896		center of quad	no slide			Miocene ostracods
19666	Topatopa Mountains	5898		WC part of quad	no slide		Turritella age	early Miocene
19667	La Honda	5900		La Honda Road	126-M	14/7S/4W (SLP)		Pliocene
19668	La Honda	5901		San Gregorio Ck	126-M	22/7S/4W (SLP)		early Miocene Saucesian Stage
19669	La Honda	5902		not on map	129-M			early Miocene Saucesian Stage
19670	San Marcos Pass	5905		San Marcos Ranch	no slide			Paleocene
19671	San Marcos Pass	5906		San Marcos Ranch	no slide			Paleocene
19672	San Marcos Pass	5907		San Marcos Ranch	11-J			Paleocene
19673	San Marcos Pass	5908		San Marcos Ranch	11-J			Paleocene
19674	San Marcos Pass	5908	A	San Marcos Ranch	60-M			Paleocene
19675	San Marcos Pass	5908	B	San Marcos Ranch	60-M			Paleocene
19676	Lake Cachuma	5910		Hot Spring Cyn	11-J			Eocene
19677	Half Moon Bay	5911		Pilarcitos Creek	137-N			middle Miocene Luisian Stage
19678	Half Moon Bay	5912		Pilarcitos Creek	137-N	22/5S/5W (SLP)		middle Miocene Luisian Stage
19679	Lake Cachuma	5912		SE corner of quad	no slide		mollusk age	early Eocene
19680	Half Moon Bay	5913		Pilarcitos Creek	137-N			middle Miocene Luisian Stage
19681	Lake Cachuma	5915		SE corner of quad	no slide		mollusk age	early Eocene
19682	Half Moon Bay	5916		EC part of quad	137-N			Miocene
19683	Lake Cachuma	5916		SE corner of quad	no slide		mollusk age	early Eocene
19684	San Marcos Pass	5917		San Marcos Ranch	no slide		mollusk age	early Eocene
19685	Lake Cachuma	5919		EC part of quad	no slide		ammonite	Late Cretaceous
19686	San Marcos Pass	5919		San Marcos Ranch	no slide		ammonite age	Late Cretaceous

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19687	Lake Cachuma	5921		SE corner of quad	no slide		mollusk age	early Eocene
19688	Lake Cachuma	5922		SE corner of quad	no slide			Eocene
19689	La Honda	5925		San Gregorio Ck	137-N	dupe in Woodside		early Miocene Saucesian Stage
19690	La Honda	5926		San Gregorio Ck	137-N			early Miocene Saucesian Stage
19691	La Honda	5927		San Gregorio Ck	137-N			early Miocene Saucesian Stage
19692	La Honda	5928		Memorial Park Rd	137-N			Oligocene Zemorrian Stage
19693	Lake Cachuma	5931		SE corner of quad	no slide		mollusk age	early Eocene
19694	Beverly Hills	5934		Stone Cyn Resv	no slide		Turritella age	late Paleocene E Zone
19695	Beverly Hills	5938		Stone Cyn Resv	no slide		Turritella age	late Paleocene E Zone
19696	Malibu Beach	5942		WC part of quad	no slide		Turritella age	middle Miocene
19697	Malibu Beach	5943		WC part of quad	no slide		Turritella age	middle Miocene
19698	Cholame Hills	5947		Pine Canyon	156-M		Pancho Rico	shallow marine Pliocene
19699	Malibu Beach	5947		NW part of quad	no slide			middle Miocene Luisian Stage
19700	Half Moon Bay	5948		Digges Canyon	147-A			early Miocene Saucesian or Relizian Stage
19701	Malibu Beach	5948		NW part of quad	45-N			middle Miocene Luisian Stage
19702	Half Moon Bay	5950		NC part of quad	no slide			early Miocene Saucesian or Relizian Stage
19703	Thousand Oaks	5950		EC part of quad	no slide		Turritella age	middle Miocene
19704	Thousand Oaks	5953		center of quad	no slide			middle Miocene Luisian Stage
19705	Malibu Beach	5955		NE part of quad	no slide		mollusk age	early Miocene
19706	Woodside	5957		Star Hill Road	147-A			late Miocene or Pliocene
19707	Woodside	5959		Purisima Creek	147-A	2/6S/5W (SLP)	dupe in HMB	Oligocene Zemorrian Stage
19708	Van Nuys	5961		SE corner of quad	44-J		see #415	middle Miocene Luisian Stage
19709	Van Nuys	5962		SC part of quad	44-J		see #415	middle Miocene Luisian Stage
19710	Van Nuys	5963		S of Dixie Cyn Sch	44-J		see #415	Luisian and Mohnian Stages transition
19711	Van Nuys	5964		SE corner of quad	44-J		see #415	middle Miocene Luisian Stage
19712	Van Nuys	5965		S of Dixie Cyn Sch	44-J		see #415	middle Miocene Luisian Stage
19713	Van Nuys	5965	D	S of Dixie Cyn Sch	44-J		see #415	middle Miocene Luisian Stage
19714	La Honda	5967		Rays Peak area	147-A	16/7S/4W (SLP)		late Miocene or Pliocene
19715	Van Nuys	5968	M	Republic Studio	44-J		see #415	middle and late Miocene Mohnian Stage
19716	Van Nuys	5968	T	Republic Studio	44-J		see #415	middle and late Miocene Mohnian Stage
19717	La Honda	5969		Rays Peak area	147-A	Half Moon Bay 15'	15/7S/4W	early Miocene Saucesian Stage
19718	Van Nuys	5969		Republic Studio	44-J		see #415	middle and late Miocene Mohnian Stage
19719	Mindego Hill	5970		Alpine Road	147-A	29/7S/3W (SLP)		Oligocene upper Zemorrian Stage
19720	Van Nuys	5970		S of Corvallis HS	44-J		see #415	middle Miocene Luisian Stage
19721	Half Moon Bay	5971		not on map	no slide			late Miocene upper Delmontian Stage
19722	Van Nuys	5971		SE corner of quad	44-J	dupe 5972	see #415	middle Miocene Luisian Stage
19723	Van Nuys	5972		SE Dixie Cyn Sch	44-J	dupe in Burbank	see #415	early or middle Miocene Relizian or Luisian Stage
19724	Half Moon Bay	5974		SE corner of quad	no slide			late Miocene or Pliocene
19725	Woodside	5974		Purisima Creek	147-A		dupe in HMB	middle and late Miocene Mohnian Stage
19726	Half Moon Bay	5975		SE corner of quad	no slide			late Miocene or Pliocene
19727	San Clemente	5975		WC part of quad	no slide	not on map	mollusk age	early Eocene
19728	Woodside	5975		Purisima Creek	147-A		dupe in HMB	Miocene or Pliocene
19729	Half Moon Bay	5976		SE corner of quad	147-A			late Eocene
19730	San Clemente	5976		Gabino Canyon	61-J	see #6249-6950	age from slide	Cretaceous arenaceous foraminifers
19731	Woodside	5976		Purisima Creek	147-A		dupe in HMB	Eocene?
19732	San Juan Capistrano	5977		EC part of quad	no slide		mollusk age	early or middle Miocene
19733	Half Moon Bay	5978		SE corner of quad	no slide			Oligocene Zemorrian Stage
19734	Las Pulgas Canyon	5978		NW part of quad	no slide		mollusk age	early Eocene
19735	Woodside	5978		Purisima Creek	147-A	dupe in HMBay	dupe in HMB	Oligocene Zemorrian Stage
19736	Half Moon Bay	5979		ne part of quad	147-A			early Miocene Saucesian Stage
19737	Las Pulgas Canyon	5979		I mi NE S Onofre Mt	no slide		mollusk age	early Eocene
19738	Woodside	5979		Skylawn Memorial	147-A	dupe in HMBay	dupe in HMB	early Miocene Saucesian? Stage
19739	Half Moon Bay	5980		near BM 216	147-A			possibly middle Miocene Luisian Stage
19740	Half Moon Bay	5980	RS	near BM 216	147-A			possibly middle Miocene Luisian Stage
19741	La Honda	5980		NE corner of quad	147-A	Half Moon Bay 15'		middle Miocene Luisian? Stage
19742	Malibu Beach	5983		Piuma Road	no slide		mollusk age	early Miocene
19743	Santiago Peak	5984		SW corner of quad	no slide		fish scale age	Oligocene
19744	Las Pulgas Canyon	5988		NW part of quad	no slide		mollusk age	early Eocene
19745	Big Basin	5991		not on map	147-A	24/8S/3W (SLP)		Oligocene Zemorrian Stage
19746	Big Basin	5992		Waterman Gap	147-A	24/8S/3W (SLP)		Oligocene Zemorrian Stage
19747	Malibu Beach	5992		Piuma Road	no slide		mollusk age	early Miocene
19748	Big Basin	5993		Waterman Gap	147-A	24/8S/3W (SLP)		Oligocene Zemorrian Stage
19749	Malibu Beach	5993		Malibu Canyon Rd	no slide		mollusk age	middle Miocene
19750	Felton	5994		not on map	147-A			early or middle Miocene Relizian or Luisian Stage
19751	Malibu Beach	5994		Malibu Canyon Rd	no slide		mollusk age	middle Miocene
19752	Spreckles?	5994		not on map	147-A			middle Miocene
19753	Felton	5995		Zayante Creek	147-A			early or middle Miocene Relizian or Luisian Stage
19754	Felton	5996		Zayante Creek	147-A			early Miocene Relizian Stage
19755	Felton	5997		Zayante Creek	147-A			early Miocene Relizian Stage
19756	Felton	5998		Zayante Creek	147-A			middle Miocene Luisian Stage
19757	Felton	5999		not on map	147-A			early or middle Miocene Relizian or Luisian Stage
19758	Point Mugu	6006		La Jolla Canyon	no slide	not on map	mollusk age	early Miocene
19759	Del Mar	6009		Del Mar	56-C		mollusk age	Eocene
19760	Del Mar	6011		Camp Matthews	56-C		mollusk age	Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
19761	Del Mar	6013		Torrey Pines Park	56-C		mollusk age	Eocene
19762	Del Mar	6014		Torrey Pines Park	56-C		mollusk age	Eocene
19763	La Jolla	6015		Clairemont	56-C		mollusk age	Eocene
19764	La Jolla	6016		Clairemont	56-C		mollusk age	Eocene
19765	La Jolla	6018		Mission Hills	56-C		mollusk age	Eocene
19766	La Jolla	6019		Mission Valley	56-C		mollusk age	Eocene
19767	La Jolla	6020		E of La Jolla	56-C		mollusk age	Eocene
19768	La Jolla	6021		Linda Vista	56-C		mollusk age	Eocene
19769	Los Angeles	6026		NE of City Terr Sc	22-N		Repetto Fm	Pliocene
19770	Calabasas	6030		S of Bell Canyon	no slide			middle and late Miocene lower Mohnian Stage
19771	Calabasas	6031		S of Bell Canyon	45-N	sa #34048		middle and late Miocene lower Mohnian Stage
19772	Los Angeles	6046		S of SP shops	no slide		mollusk age	early Miocene
19773	Point Dume	6057		Solstice Canyon	no slide		Turritella age	late Paleocene E Zone
19774	Point Dume	6058		Solstice Canyon	no slide		Pecten age	middle Miocene
19775	Point Dume	6060		Solstice Canyon	54-I		Pecten age	middle Miocene
19776	El Toro	6061		NW part of quad	no slide		mollusk age	early Miocene
19777	El Toro	6062		NW part of quad	no slide		mollusk age	early Miocene
19778	El Toro	6063		NW part of quad	no slide		mollusk age	early Miocene
19779	El Toro	6064		NW part of quad	no slide		mollusk age	early Miocene
19780	El Toro	6065		NW part of quad	no slide		mollusk age	early Miocene
19781	El Toro	6068		NW part of quad	no slide		mollusk age	middle Miocene
19782	Calabasas	6069		S of Agoura	45-N			middle Miocene Luisian Stage
19783	Calabasas	6070		S of Agoura	45-N			middle Miocene Luisian Stage
19784	Port San Luis	6072		Diablo Canyon	no slide			early Miocene Relizian? Stage
19785	Port San Luis	6073		Green Peak	65-C	see loc 5172 for	strat column	early Miocene Relizian Stage
19786	Port San Luis	6074		SE of Green Peak	66-E	see loc 5172 for	strat column	early Miocene Saucesian? Stage
19787	Port San Luis	6075		SE of Green Peak	66-E	see loc 5172 for	strat column	early Miocene Saucesian Stage
19788	Pismo Beach	6076		E of Avila	66-E	Arroyo Grande 15'		middle and late Miocene Mohnian? Stage
19789	Pismo Beach	6077		E of Avila	66-E	Arroyo Grande 15'		early or middle Miocene Relizian or Luisian Stage
19790	Pismo Beach	6078		E of Avila	65-D	Arroyo Grande 15'		early Miocene Relizian Stage
19791	San Guillermo Mtn	6081		Park Canyon	no slide	not on map	mollusk age	early Eocene
19792	San Guillermo Mtn	6082		Park Canyon	no slide	not on map	mollusk age	early Eocene
19793	Fillmore	6083		NE of Snow Cyn	no slide			marine Pleistocene
19794	Fillmore	6084		NE of Snow Cyn	no slide			Pliocene
19795	Huasna Peak	6086		SE part of quad	no slide	Nipomo 15'		early Miocene Relizian Stage
19796	Huasna Peak	6087		SE part of quad	no slide	Nipomo 15'		early Miocene Relizian Stage
19797	Chimney Canyon	6089		Cuyama River Rd	no slide	Branch Mtn 15'		Oligocene Zemorrian Stage
19798	Fillmore	6090		NE of Snow Cyn	no slide		Saugus Fm	marine Pleistocene
19799	Fillmore	6091		NE of Snow Cyn	no slide		Saugus Fm	marine Pleistocene
19800	Fillmore	6092		NE of Snow Cyn	no slide		Saugus Fm	marine Pleistocene
19801	Fillmore	6093		NE of Snow Cyn	no slide		Saugus Fm	marine Pleistocene
19802	Fillmore	6094		NE of Snow Cyn	no slide		Saugus Fm	marine Pleistocene
19803	Fillmore	6095		NE of Snow Cyn	no slide		Saugus Fm	marine Pleistocene
19804	Fillmore	6096		NE of Snow Cyn	no slide		Saugus Fm	marine Pleistocene
19805	Chimney Canyon	6097		Cuyama River Rd	no slide	Branch Mtn 15'		Oligocene Zemorrian Stage
19806	Tepusquet Canyon	6100		NC part of quad	no slide			early Miocene upper Saucesian Stage
19807	Chimney Canyon	6103		Cuyama River Rd	no slide	Branch Mtn 15'		Oligocene lower Zemorrian Stage
19808	Chimney Canyon	6105		Cuyama River Rd	no slide	Branch Mtn 15'		Oligocene lower Zemorrian Stage
19809	Mint Canyon	6242		SC part of quad	no slide		mollusk age	late Paleocene E Zone
19810	Black Star Canyon	6245		Coal Canyon	no slide		mollusk age	late Paleocene E Zone
19811	Corona South	6246		SW of El Cerrito	none			middle and late Miocene lower Mohnian Stage
19812	El Toro	6247		NW part of quad	no slide		mollusk age	early Miocene
19813	Black Star Canyon	6249		Gypsum Canyon	60-J	see # 5976	age from slide	Eocene
19814	Black Star Canyon	6250		Gypsum Canyon	60-J	see $ 5976	age from slide	Eocene
19815	Point Dume	6269		not on map	65-J	name on slide	see #6304	Eocene
19816	Reyes Peak	6271		Bear Canyon area	54-I		strat column	Eocene
19817	Rancho Nuevo Creek	6272	A	SE part of quad	54-I		strat column	Eocene
19818	Rancho Nuevo Creek	6272	B	SE part of quad	54-I		strat column	Eocene
19819	Rancho Nuevo Creek	6272	C	SE part of quad	54-H		strat column	Eocene
19820	Rancho Nuevo Creek	6272	D	SE part of quad	54-H		strat column	Eocene
19821	Rancho Nuevo Creek	6272	E	SE part of quad	54-H		strat column	Eocene
19822	Reyes Peak	6285		Bear Canyon area	no slide			Eocene
19823	Reyes Peak	6286		Bear Canyon area	no slide			Eocene
19824	Reyes Peak	6287		Bear Canyon area	54-H			Eocene
19825	Reyes Peak	6288		Bear Canyon area	54-H		strat column	Eocene
19826	Reyes Peak	6289		Bear Canyon area	54-H		strat column	Eocene
19827	Reyes Peak	6290		Adobe Creek	54-H			Eocene
19828	Reyes Peak	6291		Adobe Creek	54-H			Eocene
19829	Wheeler Springs	6292		Sespe Creek	54-H	see #439	strat column	Eocene
19830	Wheeler Springs	6293		Sespe Creek	54-H	see #439	strat column	Eocene
19831	Wheeler Springs	6293	dupe	Sespe Creek	54-H	see #439	strat column	Eocene
19832	Wheeler Springs	6294		Sespe Creek	54-H	see #439	strat column	Eocene
19833	Wheeler Springs	6295		Sespe Creek	54-H	see #439	strat column	Eocene
19834	Lion Canyon	6297		SW part of quad	no slide		not on map	late Eocene A-1 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
19835	Warm Springs Mtn	6300		Elizabeth Cyn Rd	54-H			Eocene
19836	Warm Springs Mtn	6301		Elizabeth Cyn Rd	54-H			Eocene
19837	Warm Springs Mtn	6303		Elizabeth Cyn Rd	54-H			Eocene
19838	Ventura	6306		center of quad	no slide			middle Miocene Luisian? Stage
19839	Wheeler Springs	6313		Sandstone Camp	70-C	see #439	strat column	Eocene
19840	Warm Springs Mtn	6320		Charlie Canyon	49-G	old Red Mtn Qaud		late Miocene
19841	Whitaker Peak	6321		Old Ridge Route	49-G	old Violin Cyn Q		late Miocene
19842	Whitaker Peak	6322		Old Ridge Route	49-G	old Violin Cyn Q		late Miocene
19843	Whitaker Peak	6323		Old Ridge Route	49-G	old Violin Cyn Q		late Miocene
19844	Whitaker Peak	6324		Old Ridge Route	49-G	old Violin Cyn Q		nonmarine
19845	Warm Springs Mtn	6325		Elizabeth Cyn Rd	49-G	old Red Mtn Qaud		middle and late Miocene Mohnian Stage
19846	San Marcos Pass	6347		SE part of quad	no slide			middle Miocene Luisian Stage
19847	San Marcos Pass	6349		NW part of quad	no slide		fish scale age	middle and late Miocene lower Mohnian Stage
19848	San Rafael Mountain	6350		SE corner of quad	74-C	S Rafael Mtn 15'	see # 5145	Miocene
19849	Newport Beach	6356		center of quad	no slide		age from map	Pliocene
19850	Newport Beach	6357		center of quad	no slide		age from map	Pliocene
19851	Newport Beach	6358		center of quad	no slide		age from map	Pliocene
19852	Newport Beach	6359		center of quad	no slide		age from map	late Miocene Delmontian Stage
19853	Newport Beach	6360		SE part of quad	no slide		age from map	middle Miocene Luisian Stage
19854	Newport Beach	6361		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
19855	Newport Beach	6362		SE part of quad	no slide		age from map	Miocene
19856	Newport Beach	6363		SE part of quad	no slide		age from map	Pliocene
19857	Newport Beach	6364		Upper Newport Bay	no slide		age from map	Pliocene
19858	Thousand Oaks	6369	B	NC part of quad	54-H	Simi Hills		Eocene
19859	Thousand Oaks	6371		NC part of quad	no slide		Turritella age	late Paleocene E Zone
19860	Thousand Oaks	6373		not found	no slide		Turritella age	Eocene
19861	Newport Beach	6374		Near landing field	48-I		age from map	middle and late Miocene Mohnian Stage
19862	Newport Beach	6376		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
19863	Newport Beach	6377		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
19864	Newport Beach	6378		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
19865	Thousand Oaks	6380		Bus Canyon	no slide		Turritella age	Eocene
19866	Thousand Oaks	6381		Bus Canyon	no slide		Turritella age	Eocene
19867	Thousand Oaks	6383		Bus Canyon	54-H			Eocene
19868	Thousand Oaks	6384		Bus Canyon	54-H			Eocene
19869	Thousand Oaks	6385		Bus Canyon	54-H			Eocene
19870	Thousand Oaks	6386		Bus Canyon	no slide		Turritella age	late Paleocene E Zone
19871	Carpenteria	6402		Romero Saddle	no slide			Eocene
19872	Carpenteria	6403		Romero Saddle	50-F			Eocene
19873	Wheeler Springs	6412		Sespe Gorge	53-E		strat column	Eocene
19874	Wheeler Springs	6413		Sespe Gorge	53-E		strat column	Eocene
19875	Wheeler Springs	6414		Sespe Gorge	53-E		strat column	Eocene
19876	Beverly Hills	6423		NC part of quad	no slide		mollusk age	early Miocene Relizian Stage
19877	Beverly Hills	6424		NC part of quad	no slide		mollusk age	early Miocene Relizian? Stage
19878	La Jolla	6432		Soledad Mtn	53-N			Cretaceous? arenaceous foraminifers
19879	La Jolla	6433		N of Bird Rock	53-N			Cretaceous? arenaceous foraminifers
19880	Devils Heart Peak	6451		Sespe Creek	60-K			Eocene
19881	Devils Heart Peak	6452		Sespe Creek	60-K			Eocene
19882	Piru	6460		North of Piru	no slide		fish scale age	middle and late Miocene Mohnian Stage
19883	Reyes Peak	6464	A	WC part of quad	35-L			Eocene
19884	Reyes Peak	6464	B	WC part of quad	35-L			Eocene
19885	Reyes Peak	6470		SW part of quad	no slide		Pecten age	early Miocene Saucesian Stage
19886	Azusa	6477	B	SW part of quad	58-I			no age information
19887	Glendora	6478		SW part of quad	no slide			middle Miocene Luisian Stage
19888	Glendora	6479		Shuler Canyon	no slide			middle and late Miocene lower Mohnian Stage
19889	Glendora	6480		Shuler Canyon	no slide			middle and late Miocene lower Mohnian Stage
19890	Glendora	6481		Shuler Canyon	no slide			middle and late Miocene Mohnian Stage
19891	Val Verde	6488		SW part of quad	no slide			Pliocene
19892	Val Verde	6489		SW part of quad	no slide			Pliocene
19893	Canoga Park	6502		Girard Reservoir	56-L		fish scale age	middle and late Miocene upper Mohnian Stage
19894	Santa Rosa Island N	6532		SW of Brockaway	no slide			early Miocene Saucesian or Relizian Stage
19895	Santa Rosa Island N	6533		SW of Brockaway	no slide			early Miocene Saucesian or Relizian Stage
19896	Santa Rosa Island N	6534		SW of Brockaway	no slide			early or middle Miocene
19897	Santa Rosa Island S	6540		NW part of quad	no slide			early Miocene Saucesian Stage
19898	Santa Rosa Island S	6543		Johnsons Lee	no slide			late Eocene
19899	Santa Rosa Island S	6548	A	NW of Ford Point	no slide			middle Eocene
19900	Port San Luis	6561		Diablo Canyon	no slide	s c filed in 24084	strat column	early Miocene Relizian? Stage
19901	Morro Bay South?	6563		not on map	66-E	s col filed in 5172	strat column	early Miocene Relizian Stage
19902	Port San Luis	6566		S of Green Peak	no slide			early Miocene Saucesian or Relizian Stage
19903	Chimney Canyon	6624		SW corner of quad	no slide	Branch Mtn 15'		Oligocene lower Zemorrian Stage
19904	Tepusquet Canyon	6625		NW corner quad	no slide			Oligocene lower Zemorrian Stage
19905	Chimney Canyon	6628		SW part of quad	no slide	Branch Mtn 15'		early Miocene upper Saucesian Stage
19906	Tepusquet Canyon	6629		NW corner quad	no slide		fish scale age	early Miocene Relizian Stage
19907	Huasna Peak	6633		SE part of quad	no slide	Nipomo 15'		Oligocene lower Zemorrian Stage
19908	Huasna Peak	6634		SE part of quad	no slide	Nipomo 15'		Oligocene lower Zemorrian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
19909	Huasna Peak	6636		SE part of quad	no slide	Nipomo 15'		Oligocene lower Zemorrian Stage
19910	Huasna Peak	6637		SE part of quad	no slide	Nipomo 15'		early Miocene upper Saucesian Stage
19911	Twitchell Dam	6648		NC part of quad	no slide			early Miocene Relizian Stage
19912	San Marcos Pass	6671		SE corner of quad	60-M			Eocene
19913	El Monte	6676		Rose Hill Cemetery	no slide		mollusk age	Pliocene
19914	Van Nuys	6684		vic Encino	no slide	not on map	fish scale age	middle and late Miocene lower Mohnian Stage
19915	Van Nuys	6692		S of Encino	37-C		fish scale age	early Miocene Relizian Stage
19916	San Marcos Pass	6693		EC part of quad	no slide		Turritella	early Eocene
19917	San Marcos Pass	6694		EC part of quad	no slide			early Eocene
19918	Lake Cachuma	6695		Hot Springs Cyn	60-H		planktics only	Paleocene or Eocene
19919	Lake Cachuma	6696		W of Hot Spr Cyn	60-H			Late Cretaceous arenaceous foraminifers
19920	Lake Cachuma	6697		W of Hot Spr Cyn	60-H			Late Cretaceous arenaceous foraminifers
19921	Lake Cachuma	6698		Tequepis Canyon	60-H			Paleocene
19922	Lake Cachuma	6699		Tequepis Canyon	60-H			Paleocene
19923	Wheeler Springs	6700		Hwy 399 (now 33	60-H			Cretaceous arenaceous foraminifers
19924	Wheeler Springs	6701		Hwy 399 (now 33	60-H		abun planktics	late Paleocene E zone
19925	San Marcos Pass	6704		SW corner of quad	no slide		Turritella etc	Eocene
19926	Newport Beach	6705		SE part of quad	no slide		fish scale age	middle and late Miocene Mohnian Stage
19927	Van Nuys	6706		S of Encino	37-C	Hayrenth Rd	see 6739	middle Miocene
19928	Sunland	6743		S of Herreres Rch	61-B			Pliocene
19929	Sunland	6744		S of Herreres Rch	no slide			middle and late Miocene Mohnian Stage
19930	Sunland	6745		S of Herreres Rch	no slide			middle and late Miocene Mohnian Stage
19931	Sunland	6746		S of Herreres Rch	61-B	limy layer		middle and late Miocene Mohnian Stage
19932	Sunland	6747		S of Herreres Rch	no slide		fish scale age	middle and late Miocene Mohnian Stage
19933	Sunland	6749		W of Camp B Lane	61-B			middle and late Miocene Mohnian Stage
19934	Sunland	6750		W of Camp B Lane	no slide			middle and late Miocene Mohnian Stage
19935	Sunland	6751		SE of Camp B Lane	61-B			middle and late Miocene Mohnian Stage
19936	Sunland	6752		Doane Canyon	61-B			middle and late Miocene Mohnian Stage
19937	Sunland	6753		Doane Canyon	61-B			middle and late Miocene Mohnian Stage
19938	Sunland	6755		NW of Ebey Cyn	61-B		fish scale age	middle and late Miocene Mohnian Stage
19939	Sunland	6756		Ebey Canyon	no slide			middle and late Miocene Mohnian Stage
19940	Sunland	6760		SW of Herreres R	no slide			middle and late Miocene Mohnian Stage
19941	San Fernando	6761		EC part of quad	no slide			middle and late Miocene Mohnian Stage
19942	San Fernando	6762		EC part of quad	no slide			middle and late Miocene Mohnian Stage
19943	San Fernando	6763		EC part of quad	no slide			middle and late Miocene Mohnian? Stage
19944	San Fernando	6764		EC part of quad	no slide			Pliocene
19945	Sunland	6765		Ebey Canyon	no slide		fish scale age	middle and late Miocene Mohnian Stage
19946	San Fernando?	6767		not on map	no slide		fish scale age	middle and late Miocene Mohnian Stage
19947	Foxen Canyon	6787		Foxen Canyon	no slide	Tepsequet Pk 15'	foram molds	middle and late Miocene Mohnian Stage
19948	Lompoc?	6849		Lompoc area	no slide		not on map	middle and late Miocene lower Mohnian Stage
19949	Lompoc?	6851		Lompoc area	no slide		not on map	middle and late Miocene lower? Mohnian Stage
19950	Lompoc?	6852		Lompoc area	no slide		not on map	middle and late Miocene lower Mohnian Stage
19951	Lompoc?	6853		Lompoc area	no slide		not on map	middle Miocene Luisian Stage
19952	San Nicholas Island	6881		SE end of Island	no slide	strat column	see #567	Eocene
19953	San Nicholas Island	6882		SE end of Island	no slide	strat column	etc	Eocene
19954	San Nicholas Island	6883		SE end of Island	no slide	strat column		Eocene
19955	Santa Cruz Island A	6884		Christi Ranch	no slide			Eocene
19956	Santa Cruz Island A	6885		Christi Ranch	no slide			Eocene
19957	Santa Cruz Island A	6886		Christi Ranch	no slide			Eocene
19958	Santa Cruz Island A	6887		Christi Ranch	no slide			early Miocene Saucesian Stage
19959	Santa Cruz Island A	6893		Canada de Posa	no slide			Eocene
19960	Santa Cruz Island A	6894		Canada de Posa	no slide			Eocene
19961	Santa Cruz Island A	6896		Morse Point	no slide			early Miocene Saucesian Stage
19962	Santa Cruz Island A	6898		Canada de Posa	no slide			Eocene
19963	Santa Cruz Island C	6905		Chinese Harbor	no slide			early Miocene Relizian? Stage
19964	Santa Cruz Island C	6915		NW of Mt Pleasant	65-J		have NP list	early Miocene Relizian? Stage
19965	Lompoc?	6921		Lompoc area	no slide		not on map	middle and late Miocene lower Mohnian Stage
19966	Solvang	6921		center of quad	no slide			middle and late Miocene lower Mohnian Stage
19967	Lompoc?	6926		Lompoc area	no slide		not on map	Eocene or Oligocene
19968	Lompoc?	6929		Lompoc area	no slide		not on map	middle and late Miocene upper Mohnian Stage
19969	Zaca Lake	6930		Lookout Mountain	no slide	not on map	mollusk age	early Miocene
19970	Pismo Beach	6935		E of Avila	no slide	Arroyo Grande 15'		early Miocene Relizian Stage
19971	Pismo Beach	6936		SE part of quad	no slide	Arroyo Grande 15'		Oligocene or early Miocene
19972	Hollywood	6949		NE part of quad	no slide			middle or late Miocene
19973	Burbank	6959		Mt Hollywood	no slide			middle and late Miocene Mohnian Stage
19974	Hornbrook	6995		SE part of quad	150-E	Hornbrook 15'		Eocene or Cretaceous
19975	Hornbrook	6998		SE part of quad	150-E	Hornbrook 15'		Cretaceous Senonian Stage
19976	Cone Peak	7001		E of BM 1579	4-N			Late Cretaceous or Paleocene
19977	Cone Peak	7002		NW of BM 1579	4-N		also pollen	Late Cretaceous or Paleocene
19978	Cone Peak	7003		NW of BM 1579	4-N		also pollen	Late Cretaceous or Paleocene
19979	Cone Peak	7004		W of BM 1579	4-N			Paleocene
19980	Junipero Serra Peak	7005		SW of Jun Serra P	4-N			Late Cretaceous or Paleocene
19981	Junipero Serra Peak	7007		SW of Jun Serra P	4-N			Late Cretaceous or Paleocene
19982	Cone Peak	7009		N of BM 1857	4-N			Eocene

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
19983	Cone Peak	7011		S of BM 1857	4-N			Oligocene Zemorrian Stage
19984	Cone Peak	7012		S of BM 1857	4-N			Oligocene Zemorrian Stage
19985	Cone Peak	7013		E of BM 1857	4-N			early Miocene Saucesian Stage
19986	Junipero Serra Peak	7014		SE of BM 2175	4-N			possibly Miocene
19987	Junipero Serra Peak	7015		SE of BM 2175	4-N		also NP, pollen	Oligocene Zemorrian Stage
19988	Junipero Serra Peak	7016		SE of BM 2175	4-N			possibly early Miocene Relizian Stage
19989	Cone Peak	7017		Near Avila Ranch	4-N			Late Cretaceous? arenaceous foraminifers
19990	Cone Peak	7018		Near BM 1984	4-N			Late Cretaceous or Paleocene
19991	Cone Peak	7019		SW of BM 1984	4-N		also NP	Late Cretaceous arenaceous foraminifers
19992	Los Angeles	7019		NE corner of quad	no slide			middle and late Miocene lower Mohnian Stage
19993	Los Angeles	7020		see # 6957	62-L	Mt Washington	fish scale age	middle and late Miocene Mohnian Stage
19994	Cone Peak	7022		Pinal Creek	4-N			Miocene or Pliocene
19995	Cone Peak	7023		E of BM 1579	4-N			Late Cretaceous or Paleocene
19996	Cone Peak	7024		Rattlesnake Creek	4-N			Late Cretaceous or Paleocene
19997	Cone Peak	7026		Rattlesnake Creek	4-N			Late Cretaceous or Paleocene
19998	Cone Peak	7027		not on map	4-N	Stanford # below		Late Cretaceous or Paleocene
19999	Bear Canyon	7028		Pinalito Creek	4-N			Eocene
20000	Bear Canyon	7030		WC part of quad	4-N			Late Cretaceous or Paleocene
20001	Los Angeles?	7030		not on map	62-L		fish scale age	middle and late Miocene Mohnian Stage
20002	Bear Canyon	7032		center of quad	4-N			probably early Miocene Relizian Stage
20003	Bear Canyon	7033		center of quad	4-N			probably middle Miocene Luisian Stage
20004	Big Basin	7040		N of Waterman Gp	89-E	13/8S/3W (SLP)		early Miocene Saucesian Stage
20005	Woodside	7041		NW corner of quad	89-E	24/5S/5W (SLP)		early Miocene Saucesian? Stage
20006	Woodside	7042		NW corner of quad	89-E	23/5S/5W (SLP)		early Miocene Saucesian Stage
20007	Canoga Park	7047		South of Encino	no slide		fish scale age	middle and late Miocene lower Mohnian Stage
20008	Woodside	7052		Purisima Creek	91-F	1/6S/5W (SLP)		Oligocene Zemorrian Stage
20009	Canoga Park	7053		South of Encino	no slide		fish scale age	middle Miocene Luisian Stage
20010	Woodside	7053		Purisima Creek	91-F	6/6S/4W (SLP)		Oligocene Zemorrian? Stage
20011	Half Moon Bay	7056		NE corner quad	91-F	14/5S/5W (SLP)		Oligocene Zemorrian Stage
20012	Half Moon Bay	7057		W of Digges Cyn	91-F	17/5S/5W (SLP)		Oligocene Zemorrian Stage
20013	Half Moon Bay	7059		W of Digges Cyn	91-F	17/5S/5W (SLP)		Oligocene Zemorrian Stage
20014	Morro Bay South	7059		SE corner quad	no slide			Oligocene or early Miocene
20015	Morro Bay South	7060		SE corner quad	no slide			Oligocene Zemorrian Stage
20016	Morro Bay South	7061		SE corner quad	no slide		Pecten age	early Miocene
20017	Woodside	7066		N of Purisima Ck	91-F	1/6S/5W (SLP)		Oligocene Zemorrian Stage
20018	Morro Bay South	7068		SW part of quad	no slide		mollusk age	early Miocene
20019	Woodside	7069		Irish Ridge	91-F	15/6S/5W (SLP)		middle Eocene A-2 Zone
20020	Woodside	7069	RW	Irish Ridge	91-F	15/6S/5W (SLP)		middle Eocene A-2 Zone
20021	Moorpark	7070		E of Balcom Cyn	78-H			Pliocene
20022	Moorpark	7071		E of Balcom Cyn	78-H			Pliocene
20023	Point Mugu	7072		NC part of quad	no slide		fish scale age	early or middle Miocene
20024	Black Mountain	7073		SE corner of quad	no slide		freshwater	late Miocene or Pliocene
20025	Cambria	7074		Green Valley Road	no slide		mollusks	early Miocene
20026	Watsonville East	7076		SE part of quad	91-F	loaned McDougall		Eocene
20027	Watsonville East	7077		SE part of quad	91-F	loaned McDougall		possibly Eocene
20028	Half Moon Bay	7078		EC part of quad	no slide			Oligocene or early Miocene
20029	Cypress Mountain	7081		Cambria Road	48-I	Adelaida 15'	deep water	Oligocene lower Zemorrian Stage
20030	Big Basin	7083		NE of Little Basin	91-F	9/9S/3W (SLP)		Oligocene Zemorrian Stage
20031	Half Moon Bay	7088		W of Nuff Creek	91-F	23/5S/5W (SLP)		possibly middle and late Miocene Mohnian Stage
20032	Big Basin	7092		NE of Locatelli Rch	122-A	15/9S/3W (SLP)		middle Eocene A Zone
20033	Big Basin	7094		NE of Locatelli Rch	122-A	green bug fauna	age in conflict	Paleocene (another report says middle Eocene)
20034	Big Basin	7095		NE of Locatelli Rch	122-A	15/9S/3W (SLP)	age in conflict	Paleocene (another report says middle Eocene)
20035	Woodside	7101	1	Tunitas Creek Rd	122-A			Oligocene Zemorrian Stage
20036	Santa Rosa Hills	7103		Santa Rosa Road	no slide			early or middle Miocene
20037	Montara Mountain	7107		Seal Cove	122-A			Pliocene
20038	La Honda	7111		SW of Burns Rch	122-A	33/7S/4W (SLP)		Miocene or Pliocene
20039	Tres Pinos	7119		Bolado Park	122-A	Hollister 15'		Eocene
20040	La Honda	7120		SE of Mt Ellen	122-A		34/7S/4W	late Miocene
20041	La Honda	7120	RS	SE of Mt Ellen	122-A			late Miocene
20042	Mindego Hill	7124		SE corner of quad	122-A	1/8S/4W (SLP)		check??
20043	Mindego Hill	7124		SE corner of quad	122-A	dupe in La Honda		late Eocene Refugian Stage
20044	Mindego Hill	7124	RS	SE corner of quad	122-A	see loc #7097	few planktics	uncertain
20045	La Honda	7126		Dark Gulch	122-A	1/8S/4W (SLP)		middle Eocene A Zone
20046	Whittier	7127		NE part of quad	no slide			middle and late Miocene Mohnian Stage
20047	Big Basin	7128		Pescadero Creek	122-A	8/8S/3W (SLP)		Oligocene Zemorrian Stage
20048	La Honda	7129		S of Worley Flat	122-A	5/8S/3W (SLP)		early Miocene Relizian Stage
20049	La Honda	7130		Harwood Creek	122-A	2/8S/4W (SLP)	abun planktics	middle Eocene A-2 Zone
20050	Whittier	7132		NE part of quad	no slide			middle and late Miocene upper Mohnian Stage
20051	Big Basin	7133		Pescadero Creek	122-A	17/8S/3W (SLP)	abun planktics	probably Eocene
20052	Cambria	7136		Green Valley Road	no slide			possibly Pseudosaucesian facies
20053	Cambria	7137		Green Valley Road	no slide			possibly Pseudosaucesian facies
20054	Cypress Mountain	7141		Santa Rosa Creek	no slide			early Miocene upper Saucesian Stage
20055	Cypress Mountain	7142		Santa Rosa Creek	no slide			early Miocene Relizian Stage
20056	Cypress Mountain	7143		Santa Rosa Creek	no slide			early Miocene lower Relizian Stage

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20057	Thompson Canyon	7146		SW part of quad	24-G			middle and late Miocene Mohnian Stage
20058	Thompson Canyon	7147		SW part of quad	24-G			late Miocene
20059	Whittier	7153		26/2S/11W	no slide		mollusks	Pliocene
20060	Thompson Canyon	7155		SW part of quad	46-C	King City 15'		middle Miocene Luisian Stage
20061	Thompson Canyon	7156		SW part of quad	46-C	King City 15'		middle Miocene Luisian Stage
20062	Thompson Canyon	7158		SW part of quad	46-C	King City 15'		early or middle Miocene
20063	Cosio Knob	7160		Quinado Canyon	46-C	King City 15'		middle and late Miocene lower Mohnian Stage
20064	Big Basin	7161		Butano Ridge	66-M			Oligocene Zemorrian Stage
20065	La Honda	7161		SE part of quad	66-M		age on cast	Oligocene Zemorrian Stage
20066	Cosio Knob	7168	Rewash	Quinado Canyon	46-C	King City 15'		late Miocene
20067	Cosio Knob	7169		Quinado Canyon	46-C	King City 15'		late Miocene
20068	Cosio Knob	7170	RW	Quinado Canyon	46-C	King City 15'		late Miocene
20069	Tepusquet Canyon	7170		Tepusquet Cyn	63-E			late Miocene
20070	Cosio Knob	7171	RW	Quinado Canyon	46-C	King City 15'		late Miocene
20071	Cosio Knob	7172	RW	Quinado Canyon	46-C	King City 15'		late Miocene
20072	Cosio Knob	7173	RW	Quinado Canyon	46-C	King City 15'		middle Miocene
20073	Cosio Knob	7174	RW	Quinado Canyon	46-C	King City 15'		late Miocene
20074	Tepusquet Canyon	7174	RW	Tepusquet Cyn	63-E	Tepsuquet Pk 15'		middle and late Miocene Mohnian? Stage
20075	Cosio Knob	7175	RW	Quinado Canyon	46-C	King City 15'		late Miocene
20076	Cosio Knob	7176		Sulphur Spr Cyn	46-C	King City 15'		middle Miocene Luisian Stage
20077	Cosio Knob	7177	RW	Sulphur Spr Cyn	46-C	King City 15'		middle Miocene Luisian Stage
20078	Twitchell Dam	7178		SE part of quad	63-E		fish scale age	middle and late Miocene lower Mohnian Stage
20079	Sycamore Flat	7179	RW	WC part of quad	46-C	Soledad 15'		middle Miocene Luisian Stage
20080	Twitchell Dam	7179		SE part of quad	no slide		fish scale age	middle and late Miocene upper Mohnian Stage
20081	Cosio Knob	7180		NE of Cosio Knob	117-L	King City 15'		middle and late Miocene Mohnian Stage
20082	Reliz Canyon	7182		NW corner of quad	12-K		abun planktics	early Miocene Saucesian or Relizian Stage
20083	Twitchell Dam	7184		SE part of quad	no slide			middle and late Miocene Mohnian? Stage
20084	Espinosa Canyon?	7185		not on map	12-K	King City 15'		middle and late Miocene Mohnian Stage
20085	San Lucas	7185		SW corner of quad	no slide		age from map	middle and late Miocene Mohnian Stage
20086	Twitchell Dam	7186		Near Cuyama Riv	63-E			middle Miocene Luisian Stage
20087	Williams Hill	7186		E of BM 1045	136-G	Bryson 15'		late Miocene Delmontian Stage
20088	Williams Hill	7188		E of BM 1045	136-G	Bryson 15'		middle and late Miocene lower Mohnian Stage
20089	Espinosa Canyon	7191		SW of San Lucas	136-G	King City 15'		late Miocene
20090	Twitchell Dam	7193		center of quad	65-J			Oligocene Zemorrian Stage
20091	Twitchell Dam	7195		center of quad	65-J			Oligocene Zemorrian Stage
20092	Twitchell Dam	7197		WC part of quad	no slide			early Miocene Saucesian Stage
20093	Zigzag Creek	7197		Tassajara Hot Spr	140-I	Lucia 15'		late Eocene
20094	Zigzag Creek	7198		Tassajara Hot Spr	140-J	Lucia 15'		late Eocene
20095	Zigzag Creek	7199		Tassajara Hot Spr	140-J	Lucia 15'		late Eocene
20096	Big Basin	7201		Fall Creek	104-M			Oligocene lower Zemorrian Stage
20097	Big Basin	7203		Pescadero Creek	104-M			early Miocene
20098	Ano Nuevo	7204	ReSamp	NC part of quad	104-M			middle and late Miocene Mohnian? Stage
20099	Williams Hill	7223		San Lucas Canyon	86-M	Bryson 15'		late? Miocene
20100	Williams Hill	7225		Pine Canyon	86-M	Bryson 15'		late Miocene
20101	Williams Hill	7227		Pine Canyon	86-M	Bryson 15'		late? Miocene
20102	Paso Robles	7232		Paso Robles Road	86-M		age from map	middle Miocene Luisian Stage
20103	Paso Robles	7233		Paso Robles Road	86-M		age from map	middle Miocene Luisian Stage
20104	Adelaida	7234		Paso Robles Road	86-M	Adelaida 15'		early Miocene lower Relizian Stage
20105	Adelaida	7235		Paso Robles Road	86-M	Adelaida 15'		early or middle Miocene
20106	Adelaida	7235	A	Paso Robles Road	86-M	Adelaida 15'		early or middle Miocene
20107	Adelaida	7236		Paso Robles Road	86-M	Adelaida 15'		early Miocene upper Relizian Stage
20108	Adelaida	7237		Paso Robles Road	86-M	Adelaida 15'		early Miocene Relizian Stage
20109	Adelaida	7238		Paso Robles Road	86-M	Adelaida 15'		middle Miocene
20110	Adelaida?	7240		not on map	86-M	Adelaida 15'		early Miocene lower Relizian Stage
20111	Templeton	7241		Peachy Cyn Road	86-M	Paso Robles 15'		middle Miocene Luisian Stage
20112	Templeton	7242		Peachy Cyn Road	86-M	Paso Robles 15'		early Miocene Relizian Stage
20113	Templeton	7243		Peachy Cyn Road	86-M	Paso Robles 15'		? middle Miocene
20114	Paso Robles	7244		Peachy Cyn Road	86-M		age from map	late? Miocene
20115	Bradley	7247		S Antonio Riv Rd	86-M	Bradley 15'		?late Miocene
20116	Foxen Canyon	7247		Asphaltum Ck area	no slide	Tepsequet Pk 15'	fish scale age	middle or late miocene
20117	Foxen Canyon	7248		Asphaltum Ck area	no slide	Tepsequet Pk 15'		middle and late Miocene Mohnian Stage
20118	Foxen Canyon	7249		Asphaltum Ck area	no slide	Tepsequet Pk 15'	fish scale age	middle and late Miocene Mohnian Stage
20119	Foxen Canyon	7250		Asphaltum Ck area	no slide	Tepsequet Pk 15'		middle and late Miocene Mohnian Stage
20120	Tierra Redonda Mtn	7250		S Antonio Riv Rd	86-M		abun planktics	early Miocene Relizian Stage
20121	Foxen Canyon	7252		near Foxen Cyn	64-F	Tepsequet Pk 15'	nice fauna	early Miocene lower Relizian Stage
20122	Tierra Redonda Mtn	7252		SE of Pleyto	86-M			early Miocene Relizian Stage
20123	Foxen Canyon	7253		Asphaltum Ck area	no slide	Tepsequet Pk 15'		middle and late Miocene Mohnian Stage
20124	Tierra Redonda Mtn	7253		SE of Pleyto	86-M		planktics	early Miocene Relizian Stage
20125	Foxen Canyon	7254		Asphaltum Ck area	no slide	Tepsequet Pk 15'	fish scale age	middle or late Miocene
20126	Foxen Canyon	7255		Asphaltum Ck area	no slide	Tepsequet Pk 15'	fish scale age	middle or late miocene
20127	Foxen Canyon	7259		Asphaltum Ck area	no slide	Tepsequet Pk 15'	fish scale age	middle and late Miocene Mohnian Stage
20128	Foxen Canyon	7260		Asphaltum Ck area	no slide	Tepsequet Pk 15'	fish scale age	middle and late Miocene Mohnian Stage
20129	Foxen Canyon	7261		Asphaltum Ck area	no slide	Tepsequet Pk 15'		middle and late Miocene Mohnian Stage
20130	Templeton	7261		Near Templeton	117-N	Paso Robles 15'		middle Miocene Luisian Stage

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20131	Foxen Canyon	7262		Asphaltum Ck area	no slide	Tepsequet Pk 15'		middle and late Miocene Mohnian Stage
20132	Templeton	7262		Near Templeton	117-N	Paso Robles 15'	reworked?	middle Miocene
20133	Bryson	7263		Copperhead Creek	117-N		abun planktics	middle Miocene
20134	Bryson	7264		Copperhead Creek	117-N		com planktics	middle Miocene
20135	Bryson	7265		Copperhead Creek	117-N			middle Miocene
20136	Foxen Canyon	7265		Asphaltum Ck area	no slide	Tepsequet Pk 15'		middle Miocene upper Luisian Stage
20137	Estrella	7266	1	Estrella Creek	117-N?	reworked?	not on map	middle and late Miocene lower? Mohnian Stage
20138	Estrella	7266	2	Estrella Creek	117-N?	Paso Robles 15'	not on map	middle and late Miocene lower? Mohnian Stage
20139	Wilson Corner	7269		Indian Creek	86-M	Pozo 15'		middle Miocene Luisian Stage
20140	Camatta Ranch	7270		Cammatti Road	86-M	Pozo 15'		middle Miocene Luisian Stage
20141	Camatta Ranch	7271		Cammatti Road	86-M	Pozo 15'		possibly early Miocene
20142	Hollywood	7272		NE part of quad	no slide		fish scale age	middle and late Miocene Mohnian Stage
20143	Camatta Ranch	7273		Cammatti Road	86-M	Pozo 15'		middle Miocene Luisian Stage
20144	Wilson Corner	7275		S of BM 1573	86-M	Pozo 15'		middle Miocene Luisian Stage
20145	Wilson Corner	7276		S of BM 1573	86-M	Pozo 15'		middle Miocene Luisian Stage
20146	Wilson Corner	7277		S of BM 1573	86-M	Pozo 15'		middle Miocene Luisian Stage
20147	Wilson Corner	7278		not on map	86-M	15/28S/14E	rich fauna	middle Miocene Luisian Stage
20148	La Panza Ranch	7279		Navajo Creek	86-M	La Panza 15'		middle Miocene Luisian Stage
20149	La Panza	7280		San Juan Creek	138-N	La Panza 15'		middle Miocene Luisian Stage
20150	La Panza	7281		San Juan Creek	138-N	La Panza 15'		middle Miocene
20151	La Panza	7282		San Juan Creek	138-N	La Panza 15'	many planktics	middle Miocene
20152	La Panza	7283		San Juan Creek	138-N	La Panza 15'		middle Miocene
20153	La Panza	7284		San Juan Creek	138-N	La Panza 15'		middle? Miocene
20154	La Panza	7285		San Juan Creek	138-N	La Panza 15'		middle Miocene
20155	La Panza	7286		San Juan Creek	138-N	La Panza 15'		early Miocene upper Saucesian Stage
20156	La Panza	7287		San Juan Creek	138-N	La Panza 15'	many planktics	early Miocene Saucesian Stage
20157	La Panza	7288		Hay Canyon	138-N	La Panza 15'	many planktics	middle Miocene Luisian Stage
20158	La Panza	7289		Hay Canyon	138-N	La Panza 15'		middle Miocene
20159	Camatta Ranch	7290		S of BM 1907	138-N	Pozo 15'		possibly early Miocene lower Relizian Stage
20160	La Panza Ranch	7291		Navajo Creek	138-N	La Panza 15'		middle Miocene
20161	La Panza Ranch	7296		Navajo Ck area	no slide	La Panza 15'		middle Miocene
20162	Half Moon Bay	7300		Madonna Creek	147-A	27/5S/5W		middle and late Miocene lower Mohnian Stage
20163	Half Moon Bay	7304		not on map	147-A	23/5S/5W (SLP)		early Miocene Saucesian Stage
20164	San Gregorio	7305		San Gregorio Bch	147-A	23/7S/5W (SLP)		Pliocene
20165	Woodside?	7308		not on map	147-A			Oligocene Zemorrian or early Miocene Saucesian Stage
20166	Woodside?	7309		not on map	147-A			Oligocene Zemorrian or early Miocene Saucesian Stage
20167	Half Moon Bay	7310		not on map	147-A	22/5S/5W (SLP)		early Miocene
20168	Half Moon Bay	7311		Madonna Creek	147-A			early Miocene
20169	Woodside	7313		WC part of quad	147-A			early Miocene
20170	Woodside?	7314		not on map	no slide			Oligocene Zemorrian or early Miocene Saucesian Stage
20171	Chews Ridge	7315		Church Creek	147-A	Jamesburg 15'		late Eocene Refugian Stage
20172	Zigzag Creek	7316		Tassajara Hot Sp	147-A	Lucia 15'	Lucia shale	middle Eocene A Zone
20173	Zigzag Creek	7317		Tassajara Hot Sp	147-A	Lucia 15'	Lucia shale	middle Eocene A Zone
20174	Chittenden	7318		Pescadero Ck area	no slide	S Juan Bautista 15		early Miocene Saucesian Stage
20175	Chittenden	7319		Pescadero Ck area	no slide	S Juan Bautista 15		Oligocene Zemorrian or early Miocene Saucesian Stage
20176	Chittenden	7320		Pescadero Ck area	no slide	S Juan Bautista 15		Oligocene Zemorrian or early Miocene Saucesian Stage
20177	Watsonville East?	7321		not on map	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20178	Watsonville East	7322		EC part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20179	Watsonville East	7323		EC part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20180	Chittenden	7324		vic Soda Lake	no slide	S Juan Bautista 15		middle and late Miocene lower Mohnian Stage
20181	Watsonville East	7325		EC part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20182	Twitchell Dam	7326		center of quad	no slide			Oligocene Zemorrian or early Miocene Saucesian Stage
20183	Watsonville East	7326		EC part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20184	Chittenden?	7327		not found	147-B	S Juan Bautista 15	molds	possibly middle and late Miocene lower Mohnian Stage
20185	Watsonville East?	7327		not on map	no slide	S Juan Bautista 15'		possibly middle and late Miocene Mohnian Stage
20186	Loma Prieta	7328		EC part of quad	147-B		molds	middle Eocene A Zone
20187	Watsonville East	7330		NE part of quad	no slide	S Juan Bautista 15'		Oligocene upper Zemorrian Stage
20188	Watsonville East?	7331		NE part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20189	Hollywood	7337		NE part of quad	no slide		fish scale age	middle and late Miocene upper Mohnian Stage
20190	Jolon	7344		32/23S/8E	45-D			middle and late Miocene Mohnian? Stage
20191	Jolon	7345		SE corner quad	45-D			middle and late Miocene Mohnian? Stage
20192	Jolon	7346		SE corner quad	45-D			middle and late Miocene Mohnian? Stage
20193	Jolon	7347		SE corner quad	45-D			middle and late Miocene lower? Mohnian Stage
20194	Jolon	7348		SE corner quad	45-D			middle and late Miocene lower? Mohnian Stage
20195	Jolon	7353		SE corner quad	45-D			middle and late Miocene Mohnian Stage
20196	Jolon	7356		SE corner quad	45-D			early Miocene Saucesian or Relizian Stage
20197	Jolon	7357		SE corner quad	45-D			early Miocene Relizian Stage
20198	Jolon	7358		SE corner quad	45-D			early Miocene Relizian Stage
20199	Cosio Knob	7359		Near Cosio Knob	45-D	King City 15'		probably early Miocene Saucesian Stage
20200	Cosio Knob	7359	RW	Near Cosio Knob	45-D	King City 15'		probably early Miocene Saucesian Stage
20201	Woodside	7360	RW	SW of Pise Hill	147-B			Oligocene Zemorrian or early Miocene Saucesian Stage
20202	Woodside	7361	RW	SW of Pise Hill	147-B			early Miocene Saucesian Stage
20203	Woodside	7362		SW of Pise Hill	147-B			early Miocene Saucesian or Relizian Stage
20204	Woodside	7363		SW of Pise Hill	147-B			early Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
20205	Woodside	7364		SW of Pise Hill	147-B			early Miocene
20206	Woodside?	7365		not on map	no slide			Oligocene Zemorrian or early Miocene Saucesian Stage
20207	Woodside?	7366		not on map	no slide			Oligocene Zemorrian or early Miocene Saucesian Stage
20208	Woodside	7367		E of Kings Mtn Sch	147-B	8/6S/4W (SLP)		early Miocene
20209	San Mateo	7368		no map provided	147-B	16/4S/4W		early Miocene
20210	Woodside?	7368		not on map	no slide			Oligocene Zemorrian or early Miocene Saucesian Stage
20211	Big Basin	7370		Waterman Creek	147-B			early Miocene
20212	Santa Catalina Is N	7370		NW part of quad	65-A		fish scale age	middle Miocene
20213	Santa Catalina Is N	7372		NW part of quad	no slide		fish scale age	early or middle Miocene Relizian or Luisian Stage
20214	Big Basin	7373		Waterman Creek	147-B			Oligocene Zemorrian or early Miocene Saucesian Stage
20215	Santa Catalina Is N	7373		NW part of quad	65-A		fish scale age	early or middle Miocene Relizian or Luisian Stage
20216	Laurel	7374		Hinckley Ridge	147-B			early Miocene
20217	Loma Prieta	7374		Corralitos Creek	147-B			Oligocene Zemorrian or early Miocene Saucesian Stage
20218	Santa Catalina Is N	7375		NW part of quad	65-A		fish scale age	middle Miocene Luisian Stage
20219	Santa Catalina Is N	7375		NW part of quad	78-F		fish scale age	middle Miocene Luisian Stage
20220	Santa Catalina Is S	7376		NC part of quad	65-A		mollusk age	Miocene or Pliocene
20221	Santa Catalina Is S	7377		NC part of quad	no slide		mollusk age	Miocene or Pliocene
20222	Laurel	7378		Hinckley Ridge	147-B			early Miocene Saucesian Stage
20223	Laurel	7381		Highland School	147-B			probably Oligocene Zemorrian Stage
20224	Laurel	7386		SW of Laurel	147-B			Oligocene lower Zemorrian Stage
20225	Los Gatos	7388	RS	Near Hwy 17	147-B	sa # 7360 RS		middle Eocene A Zone
20226	San Miguel Island East	7388		Cuyler Harbor	82-I		have NP list	late Eocene
20227	San Miguel Island East	7389	A	Cuyler Harbor	82-I		have NP list	late Eocene
20228	San Miguel Island East	7389	B	Cuyler Harbor	82-I		have NP list	late Eocene
20229	San Miguel Island East	7390		Cuyler Harbor	82-I			probably Eocene
20230	San Miguel Island East	7391		Cuyler Harbor	82-I			probably Eocene
20231	Los Gatos	7395		Patcher Pass	147-C			Oligocene lower Zemorrian Stage
20232	San Miguel Island East	7396		Cuyler Harbor	no slide	freshwater forams	and mollusks	early Pleistocene or Pliocene
20233	Felton	7399		Bean Creek	147-C	6/10S/1W (SLP)		middle Miocene
20234	Felton	7400		Bean Creek	147-C	6/10S/1W (SLP)		middle Miocene
20235	Felton	7401		Bean Creek	147-C	5/10S/1W (SLP)		middle Miocene
20236	Port San Luis	7401		SE corner quad	no slide	s col filed 24084	pollen age	Late Cretaceous
20237	Laurel	7402		Mtn Charlie Creek	147-C			early Miocene
20238	Port San Luis	7402		SE corner quad	no slide	s col filed 24084	pollen age	Late Cretaceous
20239	Port San Luis	7403		Rattlesnake Cyn	no slide	s col filed 24084	pollen age	Late Cretaceous
20240	Big Basin	7404		Waterman Creek	147-C			early Miocene Saucesian Stage
20241	Port San Luis	7404		Rattlesnake Cyn	no slide	s col filed 24084	pollen age	Late Cretaceous or early Tertiary
20242	Big Basin	7405		N of Waterman Gp	147-C			early Miocene lower Relizian Stage
20243	Port San Luis	7405		Pecho Creek	no slide	s col filed 24084	pollen age	Late Cretaceous or early Tertiary
20244	Big Basin	7406		N of Waterman Gp	147-C			Oligocene upper Zemorrian Stage
20245	Woodside	7407		NW part of quad	147-C	25/5S/5W (SLP)		Oligocene upper Zemorrian Stage
20246	Chews Ridge	7411		Church Creek	140-E	Jamesburg 15'	com planktics	middle Eocene A Zone
20247	Chews Ridge	7412		Church Creek	140-E	Jamesburg 15'	com planktics	middle Eocene A Zone
20248	Chews Ridge	7413		Church Creek	140-E	Jamesburg 15'	com planktics	middle Eocene A Zone
20249	Chews Ridge	7414		Church Creek	140-E	Jamesburg 15'		late Eocene Refugian Stage
20250	Port San Luis	7414	1	S of Greens Peak	65-J		fish scale age	early or middle Miocene
20251	Port San Luis	7414	2	S of Greens Peak	65-J		Miocene NP	early or middle Miocene
20252	Chews Ridge	7416		Church Creek	140-E	Jamesburg 15'		late Eocene Refugian Stage
20253	Felton	7417		Lompico Creek	147-C	2/10S/2W (SLP)		middle Miocene Luisian Stage
20254	Felton	7418		Lompico Creek	147-C	35/9S/2W (SLP)		early Miocene Relizian Stage
20255	Felton	7419		Lompico Creek	147-C	25/9S/2W (SLP)		early Miocene Relizian Stage
20256	Felton	7420		Mount Herman	147-C	14/10S/2W (SLP)	sa Mindego H	middle Miocene
20257	Mindego Hill	7423		not on map	147-C	9/7S/3W (SLP)		early Miocene Saucesian Stage
20258	Mindego Hill	7424		Peters Creek	147-C	22/7S/3W (SLP)		early Miocene
20259	Mindego Hill	7425		Peters Creek	147-C	33/7S/3W (SLP)		early Miocene Saucesian Stage
20260	Mindego Hill	7426		Alpine Road	147-C	21/7S/3W (SLP)		late Miocene
20261	Mindego Hill	7427		not on map	147-C	34/7S/3?W (SLP)		early Miocene Saucesian Stage
20262	Cupertino	7428		not on map	147-C	5/8S/2W (SLP)		early Miocene
20263	Mindego Hill	7429		Peters Creek	147-C	33/7S/3W		early Miocene Saucesian or Relizian Stage
20264	Mindego Hill	7430		not on map	147-C	Palo Alto 15'	molds	early Miocene lower Saucesian Stage
20265	Mindego Hill	7431		SE part of quad	147-C	Palo Alto 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20266	Mindego Hill	7434		Doherty Ridge	147-C	Palo Alto 15'	com planktics	Oligocene upper Zemorrian Stage
20267	Mindego Hill	7435		Doherty Ridge	147-C	Palo Alto 15'		early Miocene Saucesian Stage
20268	Mindego Hill	7436		Doherty Ridge	147-C	Palo Alto 15'		Oligocene Zemorrian Stage
20269	Mindego Hill?	7439		not on map	147-C	Palo Alto 15'		Oligocene upper Zemorrian Stage
20270	Mindego Hill?	7439		not on map	147-C	Palo Alto 15'	molds	Oligocene upper Zemorrian Stage
20271	Loma Prieta	7440		Corralitos Creek	147-C	Los Gatos 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20272	Loma Prieta?	7441		not on map	147-C			Oligocene Zemorrian or early Miocene Saucesian Stage
20273	Los Gatos?	7441		not on map	147-C	Los Gatos 15'		Oligocene lower Zemorrian Stage
20274	Loma Prieta	7442		Eureka Canyon	147-C	Los Gatos 15'		Oligocene lower Zemorrian Stage
20275	Loma Prieta	7444		Eureka Canyon	147-C	Los Gatos 15'		Oligocene lower Zemorrian Stage
20276	Loma Prieta	7453		Santa Rosalia Mtn	147-D	Los Gatos 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20277	Felton	7460		Redwood Springs	147-D	36/10S/1W (SLP)		early or middle Miocene Relizian or Luisian Stage
20278	Laurel	7461		Mtn View Ranch	147-D	Los Gatos 15'		late Miocene or Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
20279	Felton?	7465		not on map	147-D			Oligocene or early Miocene Zemorrian or Saucesian
20280	Castle Rock Ridge	7466		Summit Road?	147-D	7/9S/1W (SLP)	not on map	early Miocene
20281	Castle Rock Ridge	7466	RW	Summit Road?	147-D	7/9S/1W (SLP)	not on map	Oligocene Zemorrian Stage
20282	Felton?	7466		not on map	147-D			Oligocene or early Miocene Zemorrian or Saucesian
20283	Castle Rock Ridge	7467		Bear Creek Road	147-D			middle Eocene A Zone
20284	Castle Rock Ridge	7469		Bear Creek Road	147-D	see slide 7481	abun planktics	probably Eocene
20285	Castle Rock Ridge	7469	RW	Bear Creek Road	147-D		abun planktics	middle Eocene A Zone
20286	Chews Ridge	7470		not on map	140-E	Jamesburg 15'		probably late Eocene Refugian Stage
20287	Chews Ridge	7471		Church Creek	140-E	Jamesburg 15'	abun planktics	middle Eocene A Zone
20288	Chews Ridge	7472		Church Creek	140-E	Jamesburg 15'		middle Eocene A Zone
20289	Chews Ridge	7473		Church Creek	140-E	Jamesburg 15'		middle Eocene A Zone
20290	Chews Ridge	7474		Church Creek	140-E	Jamesburg 15'	com planktics	middle Eocene A Zone
20291	Chews Ridge	7475		Church Creek	140-E	Jamesburg 15'		late Eocene Refugian Stage
20292	Chews Ridge	7476		Church Creek	140-F	Jamesburg 15'		middle Eocene A Zone
20293	Chews Ridge	7477		Church Creek	140-F	Jamesburg 15'		middle Eocene A Zone
20294	Chews Ridge	7478		Church Creek	140-F	Jamesburg 15'		middle Eocene A Zone
20295	Chews Ridge	7479		Church Creek	140-F	Jamesburg 15'	com planktics	middle Eocene A Zone
20296	Chews Ridge	7480		Church Creek	140-F	Jamesburg 15'	com planktics	middle Eocene A Zone
20297	Castle Rock Ridge	7482		SE of BM 1945	147-D			early or middle Miocene Relizian or Luisian Stage
20298	Felton	7482		NW corner of quad	147-D	5/10S/2W (SLP)	sa slide #7469	early or middle Miocene Relizian or Luisian Stage
20299	Felton	7483		S of Boulder Creek	147-D	31/9S/2W		early Miocene Relizian Stage
20300	Laurel	7485		NW of Highland Sc	147-D			possibly Oligocene Zemorrian Stage
20301	Mindego Hill	7490		SE corner of quad	147-D	Palo Alto 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20302	Mindego Hill	7492		NW of Ranger Sta	147-D	Palo Alto 15'		Oligocene Zemorrian Stage
20303	Mindego Hill	7496		Skyline Ranch	147-D	Palo Alto 15'		early Miocene Saucesian or Relizian Stage
20304	La Honda	7498		La Honda Road	147-D	36/6S/4W (SLP)		middle Eocene A Zone
20305	McKittrick Summit	7511	1	NC part of quad	3-I	see file 7511	NP age	Paleocene
20306	McKittrick Summit	7511	2	NC part of quad	3-I	see file 7511	NP age	Paleocene
20307	McKittrick Summit	7511	3	NC part of quad	3-I	see file 7511	NP age	Paleocene
20308	McKittrick Summit	7511	4	NC part of quad	3-I	see file 7511	NP age	Paleocene
20309	La Panza	7515		Willow Canyon	157-L	La Panza 15'		middle Miocene Luisian Stage
20310	La Panza	7518		Hay Canyon	157-L	La Panza 15'		early Miocene lower Saucesian Stage
20311	La Panza	7519		Hay Canyon	157-L	La Panza 15'	com planktics	early Miocene lower Saucesian Stage
20312	La Panza	7520		Hay Canyon	157-L	La Panza 15'		early Miocene lower Saucesian Stage
20313	La Panza	7522		Hay Canyon	157-L	La Panza 15'		middle Miocene
20314	California Valley	7523		San Juan Creek	157-L	La Panza 15'	planktics freq	middle Miocene
20315	La Panza	7524		Beartrap Creek	157-L	La Panza 15'		middle Miocene Luisian Stage
20316	La Panza	7525		Beartrap Creek	157-L	La Panza 15'		middle Miocene Luisian Stage
20317	Caliente Mountain	7533		Washburn Ranch	160-E	Caliente Mtn 15'	megafossil age	early or middle Miocene
20318	Painted Rock	7535		SW part of quad	no slide		age from map	Oligocene Zemorrian Stage
20319	Chrome	7578	1	SE of BM 766	152-E	Elk Creek 15'		Late Jurassic M Zone
20320	Chrome	7578	2	SE of BM 766	152-E	Elk Creek 15'		Late Jurassic? M? Zone
20321	Chrome	7578	4	SE of BM 766	152-E	Elk Creek 15'		Early Cretaceous L Zone
20322	Ono West	7580		Cottonwood Creek	152-E	Ono 15'		Early Cretaceous K Zone
20323	Oak Run	7591	6	Oak Run Creek	no slide	Millville 15'	not on map	Late Cretaceous F-1 or G-1 Zone
20324	Clough Gulch	7594	47	NW corner of quad	154-I		strat column	Late Cretaceous F-1 Zone
20325	Oak Run	7594	16	Oak Run Creek	154-I	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20326	Oak Run	7594	17	Oak Run Creek	154-I	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20327	Oak Run	7594	18	Oak Run Creek	154-I	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20328	Oak Run	7594	19	Oak Run Creek	154-I	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20329	Oak Run	7594	20	Oak Run Creek	154-I	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20330	Oak Run	7594	21	Oak Run Creek	154-I	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20331	Oak Run	7594	23	Oak Run Creek	154-I	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20332	Oak Run	7594	24	Oak Run Creek	154-I	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20333	Oak Run	7594	25	Oak Run Creek	154-I	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20334	Oak Run	7594	35	Oak Run Creek	154-I	Millville 15'	strat column	Late Cretaceous G-1 Zone
20335	Oak Run	7594	36	Oak Run Creek	154-I	Millville 15'	strat column	Late Cretaceous G-1 Zone
20336	Oak Run	7594	37	Oak Run Creek	154-I	Millville 15'	strat column	Late Cretaceous G-1 Zone
20337	Oak Run	7594	38	Oak Run Creek	154-I	Millville 15'	strat column	Late Cretaceous G-1 Zone
20338	Oak Run	7594	42	Oak Run Creek	154-I	Millville 15'	strat column	Late Cretaceous G-1 Zone
20339	Oak Run	7594	43	Oak Run Creek	154-I	Millville 15'	strat column	Late Cretaceous G-1 Zone
20340	Oak Run	7594	46	Oak Run Creek	154-I	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20341	Clough Gulch	7595	0	Hollow Creek	150-F	see strat column	32N/2W	Late Cretaceous G-1 Zone
20342	Clough Gulch	7595	1	Hollow Creek	150-F	loc # **750**	strat column	Late Cretaceous G-1 Zone
20343	Clough Gulch	7595	2	Hollow Creek	150-F	Millville 15'	strat column	Late Cretaceous G-1 Zone
20344	Clough Gulch	7595	3	Hollow Creek	150-F	Millville 15'	strat column	Late Cretaceous G-1 Zone
20345	Clough Gulch	7595	4	Hollow Creek	150-F	Millville 15'	strat column	Late Cretaceous G-1 Zone
20346	Clough Gulch	7595	5	Hollow Creek	150-F	Millville 15'	strat column	Late Cretaceous G-1 Zone
20347	Clough Gulch	7595	6	Hollow Creek	150-F	Millville 15'	strat column	Late Cretaceous G-1 Zone
20348	Clough Gulch	7595	7	Hollow Creek	150-F	Millville 15'	strat column	Late Cretaceous G-1 Zone
20349	Clough Gulch	7595	8	Hollow Creek	150-F	Millville 15'	strat column	Late Cretaceous G-1 Zone
20350	Clough Gulch	7595	9	Hollow Creek	150-F	Millville 15'	strat column	Late Cretaceous G-1 Zone
20351	Clough Gulch	7595	10	Hollow Creek	150-F	Millville 15'	strat column	Late Cretaceous G-1 Zone
20352	Clough Gulch	7595	11	Hollow Creek	150-F	Millville 15'	strat column	Late Cretaceous G-1 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
20353	Clough Gulch	7595	12	Hollow Creek	150-F	Millville 15'	strat column	Late Cretaceous G-1 Zone
20354	Clough Gulch	7595	13	Hollow Creek	150-F	Millville 15'	strat column	Late Cretaceous G-1 Zone
20355	Clough Gulch	7595	14	Hollow Creek	150-F	Millville 15'	strat column	Late Cretaceous G-1 Zone
20356	Clough Gulch	7595	15	Hollow Creek	150-F	Millville 15'	strat column	Late Cretaceous G-1 Zone
20357	Clough Gulch	7595	16	Hollow Creek	150-F	Millville 15'	strat column	Late Cretaceous G-1 Zone
20358	Clough Gulch	7596	0	Old Cow Creek	151-K	see strat column	31N/3W	Late Cretaceous G-1 Zone
20359	Clough Gulch	7596	1	Old Cow Creek	151-K	loc # **750**	strat column	Late Cretaceous G-1 Zone
20360	Clough Gulch	7596	2	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous G-1 Zone
20361	Clough Gulch	7596	3	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous G-1 Zone
20362	Clough Gulch	7596	4	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous G-1 Zone
20363	Clough Gulch	7596	5	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20364	Clough Gulch	7596	6	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20365	Clough Gulch	7596	10	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20366	Clough Gulch	7596	11	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20367	Clough Gulch	7596	12	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20368	Clough Gulch	7596	13	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20369	Clough Gulch	7596	14	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20370	Clough Gulch	7596	18	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20371	Clough Gulch	7596	19	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20372	Clough Gulch	7596	20	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20373	Clough Gulch	7596	21	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20374	Clough Gulch	7596	22	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20375	Clough Gulch	7596	23	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20376	Clough Gulch	7596	24	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous F-1 or G-1 Zone
20377	Clough Gulch	7596	27	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous arenaceous foraminifers
20378	Clough Gulch	7596	28	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous G-1 Zone
20379	Clough Gulch	7596	29	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous G-1 Zone
20380	Clough Gulch	7596	30	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous G-1 Zone
20381	Clough Gulch	7596	35	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous G-1 Zone
20382	Clough Gulch	7596	36	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous G-1 Zone
20383	Clough Gulch	7596	37	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous G-1 Zone
20384	Clough Gulch	7596	39	Old Cow Creek	151-K	Millville 15'	strat column	Late Cretaceous arenaceous foraminifers
20385	Bella Vista	7597	38A	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous G-1 Zone
20386	Bella Vista	7597	38B	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous G-1 Zone
20387	Bella Vista	7597	39	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous G-1 Zone
20388	Bella Vista	7597	40	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous G-1 Zone
20389	Bella Vista	7597	41	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous G-1 Zone
20390	Bella Vista	7597	42	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous G-1 Zone
20391	Bella Vista	7597	43	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous G-1 Zone
20392	Oak Run	7597	1	Swede Creek	148-H	see strat column	32/33N/2W	Late Cretaceous H Zone
20393	Oak Run	7597	2	Swede Creek	148-H	loc # 750	strat column	Late Cretaceous H Zone
20394	Oak Run	7597	3A	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20395	Oak Run	7597	3B	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20396	Oak Run	7597	4A	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20397	Oak Run	7597	4B	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20398	Oak Run	7597	4C	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20399	Oak Run	7597	6	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20400	Oak Run	7597	6A	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20401	Oak Run	7597	7	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20402	Oak Run	7597	8	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20403	Oak Run	7597	9	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20404	Oak Run	7597	10	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20405	Oak Run	7597	11	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20406	Oak Run	7597	12	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20407	Oak Run	7597	13	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20408	Oak Run	7597	14	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20409	Oak Run	7597	15	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20410	Oak Run	7597	16	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20411	Oak Run	7597	17	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20412	Oak Run	7597	18	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20413	Oak Run	7597	19	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20414	Oak Run	7597	20	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20415	Oak Run	7597	21	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20416	Oak Run	7597	22	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20417	Oak Run	7597	23	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20418	Oak Run	7597	24	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20419	Oak Run	7597	25	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20420	Oak Run	7597	26	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20421	Oak Run	7597	27	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20422	Oak Run	7597	28	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20423	Oak Run	7597	29	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20424	Oak Run	7597	30	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20425	Oak Run	7597	31	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20426	Oak Run	7597	32	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
20427	Oak Run	7597	33A	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20428	Oak Run	7597	33B	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20429	Oak Run	7597	34	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20430	Oak Run	7597	35	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous H Zone
20431	Oak Run	7597	36	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous G-1 Zone
20432	Oak Run	7597	37	Swede Creek	148-H	Millville 15'	strat column	Late Cretaceous G-1 Zone
20433	Bella Vista	7598	1	Dry Creek	152-H	strat column see	locality 750	probably Late Cretaceous H Zone
20434	Bella Vista	7598	2	Dry Creek	152-H	Millville 15'	32/33N/2W	probably Late Cretaceous H Zone
20435	Bella Vista	7598	3A	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20436	Bella Vista	7598	3B	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20437	Bella Vista	7598	45A	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20438	Bella Vista	7598	5B	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20439	Bella Vista	7598	6	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20440	Bella Vista	7598	7	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20441	Bella Vista	7598	8	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20442	Bella Vista	7598	9	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20443	Bella Vista	7598	10	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20444	Bella Vista	7598	11	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20445	Bella Vista	7598	12	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20446	Bella Vista	7598	13	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20447	Bella Vista	7598	14	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20448	Bella Vista	7598	15	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20449	Bella Vista	7598	16	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20450	Bella Vista	7598	17A	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20451	Bella Vista	7598	17B	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20452	Bella Vista	7598	18	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20453	Bella Vista	7598	19	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20454	Bella Vista	7598	20	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20455	Bella Vista	7598	21	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20456	Bella Vista	7598	22	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20457	Bella Vista	7598	23	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20458	Bella Vista	7598	24	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20459	Bella Vista	7598	25	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20460	Bella Vista	7598	26	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20461	Bella Vista	7598	27	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20462	Bella Vista	7598	28	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20463	Bella Vista	7598	29	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20464	Bella Vista	7598	30	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20465	Bella Vista	7598	31	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20466	Bella Vista	7598	32	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20467	Bella Vista	7598	33	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20468	Bella Vista	7598	34	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20469	Bella Vista	7598	35	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20470	Bella Vista	7598	36	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20471	Bella Vista	7598	37	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20472	Bella Vista	7598	38	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20473	Bella Vista	7598	39	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20474	Bella Vista	7598	40	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20475	Bella Vista	7598	41	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20476	Bella Vista	7598	42	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20477	Bella Vista	7598	43	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20478	Bella Vista	7598	44	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20479	Bella Vista	7598	45	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20480	Bella Vista	7598	46	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20481	Bella Vista	7598	47	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20482	Bella Vista	7598	48	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20483	Bella Vista	7598	49	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20484	Bella Vista	7598	50	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20485	Bella Vista	7598	51	Dry Creek	152-H	Millville 15'	strat column	probably Late Cretaceous H Zone
20486	Bella Vista	7598	52	Dry Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20487	Bella Vista	7598	53	Dry Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20488	Bella Vista	7598	54	Dry Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20489	Bella Vista	7598	55	Dry Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20490	Bella Vista	7598	56	Dry Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20491	Bella Vista	7598	57	Dry Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20492	Bella Vista	7598	58	Dry Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20493	Bella Vista	7598	59	Dry Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20494	Bella Vista	7598	60	Dry Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20495	Bella Vista	7598	61	Dry Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20496	Bella Vista	7598	62	Dry Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20497	Bella Vista	7598	63	Dry Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20498	Bella Vista	7598	64	Dry Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20499	Bella Vista	7598	65	Dry Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20500	Bella Vista	7598	66	Dry Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
20501	Bella Vista	7598	67	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20502	Bella Vista	7598	68	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20503	Bella Vista	7598	70	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20504	Bella Vista	7598	71	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20505	Bella Vista	7598	72	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20506	Bella Vista	7598	73	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20507	Bella Vista	7598	74	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20508	Bella Vista	7598	75	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20509	Bella Vista	7598	76	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20510	Bella Vista	7598	77	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20511	Bella Vista	7598	78	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20512	Bella Vista	7598	79A	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20513	Bella Vista	7598	79B	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20514	Bella Vista	7598	79C	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20515	Bella Vista	7598	80	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20516	Bella Vista	7598	81	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20517	Bella Vista	7598	82	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20518	Bella Vista	7598	83	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20519	Bella Vista	7598	84	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20520	Bella Vista	7598	85	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20521	Bella Vista	7598	86	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20522	Bella Vista	7598	87	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20523	Bella Vista	7598	88	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20524	Bella Vista	7598	89	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20525	Bella Vista	7598	90	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20526	Bella Vista	7598	91	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20527	Bella Vista	7598	94	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20528	Bella Vista	7598	95	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20529	Bella Vista	7598	96	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20530	Bella Vista	7598	97	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20531	Bella Vista	7598	98	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20532	Bella Vista	7598	99	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20533	Bella Vista	7598	100	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20534	Bella Vista	7598	101	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20535	Bella Vista	7598	102	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20536	Bella Vista	7598	103	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20537	Bella Vista	7598	104	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20538	Bella Vista	7598	105	Little Cow Creek	152-I	Millville 15'	strat column	probably Late Cretaceous H Zone
20539	Bella Vista	7598	106	Little Cow Creek	152-J	Millville 15'	strat column	probably Late Cretaceous H Zone
20540	Bella Vista	7598	107	Little Cow Creek	152-J	Millville 15'	strat column	Late Cretaceous H Zone
20541	Shasta Dam	7599		Buckeye Creek	154-I	no Chev map	strat column	Late Cretaceous arenaceous foraminifers
20542	Solvang	7640		SW part of quad	no slide			middle Eocene
20543	Tranquillon Mountain	7646		La Honda Canyon	no slide	Point Arguello 15'	NP age	early Miocene
20544	Tranquillon Mountain	7649		NE part of quad	no slide	Point Arguello 15'	NP age	early Miocene upper Relizian Stage
20545	Lake Cachuma	7663	LT	EC part of quad	66-L			Oligocene upper Zemorrian Stage
20546	Lake Cachuma	7663	DK	EC part of quad	66-L			Oligocene upper Zemorrian Stage
20547	Chimney Canyon	7666		Buckhorn Canyon	no slide		NP age	Late Cretaceous
20548	Los Alamos	7673		NE part of quad	no slide	Lompoc 15'	clam age	Pliocene
20549	Los Alamos	7674		NE part of quad	no slide	Lompoc 15'	clam age	Pliocene
20550	Los Alamos	7675		NE part of quad	no slide	Lompoc 15'	clam age	Pliocene
20551	Los Alamos	7677		NE part of quad	no slide	Lompoc 15'	clam age	Pliocene
20552	Los Alamos	7719		NE part of quad	no slide	Lompoc 15'	clam age	Pliocene
20553	Guadalupe	7729		SW part of quad	no slide		fish scale age	middle and late Miocene upper Mohnian Stage
20554	Lompoc Hills	7739		Jalama Road	68-I		have NP list	Paleocene
20555	Lompoc Hills	7741		Jalama Road	68-I			Cretaceous arenaceous foraminifers
20556	Lompoc Hills?	7744		not on map	68-I		has NP	early Miocene lower Relizian Stage
20557	San Nicholas Island	7759		Near BM 524	84-M	see strat column		early Eocene P-8 to P-9
20558	San Nicholas Island	7760		NW of BM 524	84-M	lot 567 for nanno	have NP list	early Eocene P-9 etc
20559	San Nicholas Island	7762		NW tip of island	84-M	ages used on this	have NP list	early Eocene
20560	San Nicholas Island	7764		NW tip of island	84-M	column		early Eocene
20561	San Nicholas Island	7767		NW tip of island	84-M	strat column		early Eocene
20562	San Nicholas Island	7768		NW tip of island	84-M	strat column		early Eocene
20563	San Nicholas Island	7769		NW tip of island	84-M	strat column	have NP list	early Eocene
20564	San Nicholas Island	7770		NW tip of island	84-M	strat column		early Eocene
20565	San Nicholas Island	7772		NW part of Island	84-M	strat column		early Eocene
20566	San Nicholas Island	7774		N of airport	84-M	strat column		middle Eocene
20567	San Nicholas Island	7777		N of airport	84-M	strat column	have NP list	middle Eocene
20568	San Nicholas Island	7780		N of airport	84-M	strat column		middle Eocene
20569	San Nicholas Island	7781		N of airport	84-M	strat column		middle Eocene
20570	San Nicholas Island	7783		E end of island	84-M	strat column		middle Eocene
20571	San Nicholas Island	7784		E end of island	84-M	strat column		middle Eocene
20572	San Nicholas Island	7785		E end of island	84-M	strat column		middle Eocene
20573	San Nicholas Island	7786		E end of island	84-M	strat column		middle Eocene
20574	San Nicholas Island	7788		E end of island	84-N	strat column		middle Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
20575	San Nicholas Island	7789		E end of island	84-N	strat column		middle Eocene
20576	San Nicholas Island	7791		E end of island	84-N	strat column		middle Eocene
20577	San Nicholas Island	7792		E end of island	84-N	strat column		middle Eocene
20578	San Nicholas Island	7793		E end of island	84-N	strat column		middle Eocene
20579	San Nicholas Island	7794		E end of island	84-N	strat column		middle Eocene
20580	San Nicholas Island	7795		E end of island	84-N	strat column		middle Eocene
20581	San Nicholas Island	7797		E end of island	84-N	strat column		middle Eocene
20582	San Nicholas Island	7799		E end of island	84-N	strat column		middle Eocene
20583	San Nicholas Island	7800		S of airport	84-N	strat column		middle Eocene
20584	Newport Beach	7812		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
20585	Newport Beach	7813		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
20586	Newport Beach	7814		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
20587	Newport Beach	7815		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
20588	Newport Beach	7816		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
20589	Newport Beach	7817		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
20590	Santa Rosa Hills	7879		S of Santa Rosa Rd	68-I		have NP list	late Eocene
20591	Santa Rosa Hills	7890		SW corner of quad	no slide			middle Miocene Luisian? Stage
20592	Lompoc Hills	7894		N of Jalama Ranch	68-H			middle Miocene lower Luisian Stage
20593	Lompoc Hills	7899		NE of Jalama Rnch	68-H			middle Miocene lower Luisian Stage
20594	Clough Gulch?	7922		Bear Creek	no slide	filed **750**	strat column	Late Cretaceous Senonian Stage
20595	Solvang	7929		EC part of quad	no slide			Oligocene Zemorrian Stage
20596	Solvang	7932		EC part of quad	no slide			Eocene or Oligocene
20597	Zaca Creek	7939		EC part of quad	no slide	poor age based on	diatoms etc	late Miocene
20598	Zaca Creek	7940		EC part of quad	no slide	poor age based on	diatoms etc	late Miocene
20599	Zaca Creek	7941		EC part of quad	no slide	poor age based on	diatoms etc	late Miocene
20600	Zaca Creek	7942		EC part of quad	no slide	poor age based on	diatoms etc	late Miocene
20601	Zaca Creek	7943		EC part of quad	no slide	poor age based on	diatoms etc	late Miocene
20602	Zaca Creek	7944		EC part of quad	no slide	poor age based on	diatoms etc	late Miocene
20603	Zaca Creek	7945		EC part of quad	no slide	poor age based on	diatoms etc	late Miocene
20604	Los Alamos	7946		EC part of quad	no slide	poor age based on	diatoms etc	late Miocene
20605	Zaca Creek	7947		EC part of quad	no slide	poor age based on	diatoms etc	late Miocene
20606	Zaca Creek	7948		EC part of quad	no slide			late Miocene
20607	Point Sal	7949		SE corner quad	no slide			early Miocene Relizian Stage
20608	Lake Cachuma	7955		Tequepis Canyon	no slide			middle and late Miocene upper Mohnian Stage
20609	Solvang	7956		NW part of quad	251-A	sa Joaquin Rocks		late Eocene
20610	Lompoc Hills	7958		NW part of quad	no slide			middle and late Miocene upper Mohnian Stage
20611	Lompoc Hills	7963		NW part of quad	no slide			Eocene
20612	San Clemente Island N	7981		Wilson Cove	70-E		age from fish	middle Miocene Luisian? Stage
20613	San Clemente Island N	7982		Wilson Cove	70-E		age from fish	middle Miocene
20614	San Clemente Island N	7983		Wilson Cove	70-E		age from fish	middle? Miocene
20615	San Clemente Island N	7987		SE corner of quad	70-E			middle Miocene
20616	San Clemente Island N	7988		SE corner of quad	70-E			middle Miocene
20617	San Clemente Island C	7989	1	NC part of quad	70-E			middle Miocene Luisian Stage
20618	San Clemente Island C	7989	2	NC part of quad	70-E			middle Miocene Luisian Stage
20619	San Clemente Island C	7991		NC part of quad	no slide			middle Miocene Luisian Stage
20620	Fields Landing	7992		NW corner of quad	no slide	Fortuna 15'		early Pleistocene
20621	San Clemente Island C	7992		NC part of quad	no slide		fish scale age	middle Miocene
20622	San Clemente Island C	8003		NC part of quad	no slide		Pecten age	middle to late Miocene
20623	San Clemente Island S	8004		N of China Point	70-E		age from fish	middle Miocene
20624	San Clemente Island S	8005		N of China Point	no slide			middle Miocene
20625	San Clemente Island S	8006		N of China Point	70-E		age from fish	middle Miocene
20626	San Clemente Island S	8008		N of China Point	70-E		age from fish	middle Miocene
20627	Newport Beach	8049		SE part of quad	no slide		age from map	middle Miocene
20628	Newport Beach	8050		SE part of quad	no slide		age from map	middle Miocene
20629	Newport Beach	8051		SE part of quad	no slide		age from map	middle Miocene
20630	Newport Beach	8052		SE part of quad	no slide		age from map	middle Miocene
20631	Newport Beach	8053		SE part of quad	no slide		age from map	middle Miocene
20632	Newport Beach	8054		SE part of quad	no slide		age from map	middle Miocene
20633	Newport Beach	8055		SE part of quad	no slide		age from map	middle Miocene
20634	Newport Beach	8056		SE part of quad	no slide		age from map	middle Miocene
20635	Newport Beach	8057		SE part of quad	no slide		age from map	middle Miocene
20636	Newport Beach	8058		SE part of quad	no slide		age from map	middle Miocene
20637	Newport Beach	8059		SE part of quad	no slide		age from map	middle Miocene
20638	Newport Beach	8060		SE part of quad	no slide		age from map	middle Miocene
20639	Newport Beach	8061		SE part of quad	no slide		age from map	middle Miocene
20640	Newport Beach	8065		SE part of quad	no slide		age from map	middle Miocene
20641	Newport Beach	8066		SE part of quad	no slide		age from map	middle Miocene
20642	San Miguel Island West	8073		EC part of quad	no slide			Eocene
20643	San Miguel Island West	8074		Simonton Cove	no slide			Cretaceous
20644	San Miguel Island West	8075		Tyler Bight	no slide			Cretaceous
20645	San Onofre Bluff	8086		bluffs along ocean	no slide			middle Miocene Luisian? Stage
20646	San Onofre Bluff	8095		bluffs along ocean	no slide			middle Miocene Luisian Stage
20647	Dana Point	8115		Dana Cove	no slide		fish scale age	middle and late Miocene Mohnian Stage
20648	Dana Point	8116		Dana Cove	no slide		fish scale age	middle and late Miocene Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
20649	Hurricane Deck	8161		Tea Canyon	68-J	McPherson Pk 15'	age from map	Late Cretaceous to Eocene
20650	Bald Mountain	8162		S of Bald Mtn	68-J	McPherson Pk 15'	age from map	Oligocene Zemorrian or early Miocene Saucesian Stage
20651	Bald Mountain	8163		S of Bald Mtn	68-J	McPherson Pk 15'	age from map	early Miocene Saucesian Stage
20652	Bald Mountain	8164		Burro Canyon	68-J	McPherson Pk 15'	age from map	early Miocene Saucesian Stage
20653	Bald Mountain	8165		Burro Canyon	68-J	McPherson Pk 15'	age from map	middle Miocene Luisian Stage
20654	Bald Mountain	8166		Burro Canyon	68-J	McPherson Pk 15'	age from map	middle Miocene Luisian Stage
20655	Bald Mountain	8167		Burro Canyon	68-J	McPherson Pk 15'	age from map	early Miocene Saucesian Stage
20656	Hurricane Deck	8170		SE of Bald Mtn	68-J	McPherson Pk 15'	age from map	Oligocene Zemorrian or early Miocene Saucesian Stage
20657	Hurricane Deck	8171		Sisquoc River	68-J	McPherson Pk 15'	age from map	early Miocene lower Saucesian Stage
20658	Hurricane Deck	8172		Sisquoc River	68-J	McPherson Pk 15'	age from map	early Miocene lower Saucesian Stage
20659	Hurricane Deck	8173		Sisquoc River	68-J	McPherson Pk 15'	age from map	early Miocene lower Saucesian Stage
20660	San Rafael Mountain	8174		EC part of quad	68-J		age from map	Late Cretaceous or Paleocene
20661	San Rafael Mountain	8175		center of quad	68-J		age from map	Late Cretaceous?
20662	Figueroa Mountain	8176		Hells Half Acre	68-J			early Miocene Saucesian Stage
20663	Madulce Peak	8177		Big Pine Road	68-J		age from map	early Miocene Saucesian Stage
20664	Madulce Peak	8178		Big Pine Road	68-J		age from map	early Miocene Saucesian? Stage
20665	San Clemente	8260		center of quad	no slide			middle and late Miocene Mohnian Stage
20666	San Clemente	8261		S of San Clemente	no slide			middle and late Miocene Mohnian Stage
20667	San Juan Capistrano	8263		center of quad	no slide	age from P&P info		Pliocene
20668	Encinitas	8264		EC part of quad	no slide	age from P&P info		Eocene
20669	Tranquillon Mountain	8272	A	Sloans Canyon	no slide	Point Arguello 15'		early Miocene Relizian Stage
20670	Tranquillon Mountain	8272	C	Sloans Canyon	no slide	Point Arguello 15'		middle? Miocene
20671	Tranquillon Mountain	8273	1	Sloans Canyon	no slide	Point Arguello 15'		early Miocene Relizian Stage
20672	Tranquillon Mountain	8273	2	Sloans Canyon	no slide	Point Arguello 15'		early Miocene Relizian Stage
20673	Tranquillon Mountain	8273	3	Sloans Canyon	no slide	Point Arguello 15'		early Miocene Relizian Stage
20674	Tranquillon Mountain	8274	1	Sloans Canyon	no slide	Point Arguello 15'		middle Miocene Luisian Stage
20675	Tranquillon Mountain	8274	2	Sloans Canyon	no slide	Point Arguello 15'		middle Miocene Luisian Stage
20676	Tranquillon Mountain	8283		Sloans Canyon	no slide	Point Arguello 15'		early Miocene Relizian Stage
20677	Point Sal	8292	5	SE corner quad	no slide			early Miocene Relizian Stage
20678	Point Sal	8292	9	SE corner quad	no slide			early Miocene Relizian Stage
20679	Point Sal	8292	10	SE corner quad	no slide			early Miocene Relizian Stage
20680	Patterson	8349		Del Puerto Canyon	no slide	age from core rept		Eocene
20681	Patterson	8350		Del Puerto Canyon	no slide	age from core rept		Late Cretaceous C or D-1 Zone
20682	Patterson	8352		Del Puerto Canyon	no slide	age from core rept		Late Cretaceous C or D-1 Zone
20683	Patterson	8353		Del Puerto Canyon	no slide	age from core rept		Late Cretaceous E Zone
20684	Patterson	8354		Del Puerto Canyon	no slide	age from core rept		Late Cretaceous E Zone
20685	Patterson	8355		Del Puerto Canyon	no slide	age from core rept		Late Cretaceous E Zone
20686	Copper Mountain	8356		Del Puerto Canyon	no slide	age from core rept		Late Cretaceous F Zone
20687	Copper Mountain	8357		Del Puerto Canyon	no slide	age from core rept		Late Cretaceous F Zone
20688	Copper Mountain	8358		Del Puerto Canyon	no slide	age from core rept		Late Cretaceous F Zone
20689	Tustin	8360		SW corner of quad	no slide		fish scale age	Early or middle Miocene Relizian or Luisian Stage
20690	Laguna Beach	8516		NW part of quad	73-C		age from map	middle Miocene Luisian Stage
20691	Laguna Beach	8518		NW part of quad	73-C		age from map	middle Miocene Luisian Stage
20692	Laguna Beach	8519		NW part of quad	73-C		age from map	middle Miocene Luisian Stage
20693	Newport Beach	8523		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
20694	Newport Beach	8524		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
20695	Los Angeles?	8589		not on map	77-D			middle and late Miocene Mohnian Stage
20696	Los Angeles?	8590		not on map	77-D			middle and late Miocene Mohnian Stage
20697	Los Angeles	8591		NE part of quad	77-D			middle and late Miocene lower Mohnian Stage
20698	Los Angeles?	8592		not on map	77-D			
20699	Los Angeles	8595		NE part of quad	77-D			middle and late Miocene Mohnian Stage
20700	Los Angeles	8596		NE part of quad	no slide			middle and late Miocene Mohnian Stage
20701	Los Angeles	8597		NE part of quad	77-D			middle and late Miocene Mohnian Stage
20702	Los Angeles	8598		NE part of quad	77-D			middle and late Miocene lower? Mohnian Stage
20703	Los Angeles	8599		NE part of quad	77-D			middle and late Miocene Mohnian Stage
20704	Los Angeles	8600		NE part of quad	74-G			middle and late Miocene Mohnian Stage
20705	Los Angeles	8600		NE part of quad	77-D			middle and late Miocene lower Mohnian Stage
20706	Sycamore Flat	8600		SE of Grandmas Fl	81-I	Arroyo Seco		middle and late Miocene Mohnian Stage
20707	Los Angeles	8602		NE part of quad	77-D			middle and late Miocene lower? Mohnian Stage
20708	Los Angeles	8603		NE part of quad	77-D			middle and late Miocene lower Mohnian Stage
20709	Los Angeles	8604		NE part of quad	77-D			middle and late Miocene lower Mohnian Stage
20710	Los Angeles	8605		NE part of quad	77-D			middle and late Miocene lower Mohnian Stage
20711	Los Angeles	8609		NE part of quad	77-D			middle and late Miocene Mohnian Stage
20712	Los Angeles	8612		NE part of quad	77-D			middle and late Miocene lower Mohnian Stage
20713	Paraiso Springs	8613		SW corner of quad	81-I			middle and late Miocene Mohnian Stage
20714	Paraiso Springs	8614		SW corner of quad	81-I			middle and late Miocene Mohnian Stage
20715	Los Angeles	8615		NE part of quad	77-D			middle and late Miocene lower Mohnian Stage
20716	Paraiso Springs	8615		SW corner of quad	81-I			middle and late Miocene Mohnian Stage
20717	Los Angeles	8616		NE part of quad	77-D			middle and late Miocene lower Mohnian Stage
20718	Paraiso Springs	8616		SW corner of quad	81-I			middle and late Miocene Mohnian Stage
20719	Los Angeles	8617		NE part of quad	77-D			middle and late Miocene lower Mohnian Stage
20720	Los Angeles	8618		NE part of quad	77-D			middle and late Miocene lower Mohnian Stage
20721	Los Angeles	8619		NE part of quad	77-D			middle and late Miocene lower Mohnian Stage
20722	Paraiso Springs	8619		SW corner of quad	81-1			Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
20723	Sycamore Flat	8621		W of Millers Rnch	81-I			middle and late Miocene Mohnian Stage
20724	Sycamore Flat	8622		W of Millers Rnch	81-I			middle and late Miocene Mohnian Stage
20725	Sycamore Flat	8623		W of Millers Rnch	81-I			middle and late Miocene Mohnian Stage
20726	Sycamore Flat	8624		W of Millers Rnch	81-I			early or middle Miocene Relizian or Luisian Stage
20727	Junipero Serra Peak	8625		Arroyo Seco	81-I			early Miocene Relizian Stage
20728	Reliz Canyon	8626		E of Leigh Ranch	81-I			middle Miocene Luisian Stage
20729	Junipero Serra Peak	8628		Near Woodtick Cyn	81-I			early or middle Eocene C to A-2 Zone
20730	Junipero Serra Peak	8629		Near Woodtick Cyn	81-I			early or middle Eocene C to A-2 Zone
20731	Junipero Serra Peak	8630		Near Woodtick Cyn	81-I			early or middle Eocene C to A-2 Zone
20732	Junipero Serra Peak	8631		Near Woodtick Cyn	81-J			early or middle Eocene C to A-2 Zone
20733	San Dimas	8631		Arroyo Avenue	76-L			middle and late Miocene lower Mohnian Stage
20734	Zigzag Creek	8632		NE part of quad	81-I	Lucia 15'		early to middle Eocene C to A-2 Zone
20735	Reliz Canyon	8633		SW of Leigh Ranch	81-J			early or middle Eocene C to A-2 Zone
20736	Junipero Serra Peak	8634		Arroyo Seco	81-J			early Miocene Relizian Stage
20737	Junipero Serra Peak	8635		E of Woodtick Cyn	81-J			early or middle Eocene C to A-2 Zone
20738	Sycamore Flat	8639		SE of Grandmas Fl	81-J		not on map	early or middle Miocene Relizian or Luisian Stage
20739	Junipero Serra Peak	8640		not on map	81-J			middle Miocene Luisian Stage
20740	Sycamore Flat	8640		Paloma Creek	81-J			middle Miocene Luisian Stage
20741	Junipero Serra Peak	8641		Arroyo Seco	81-J			early Miocene Relizian Stage
20742	Reliz Canyon	8649		Sweetwater Creek	81-J			middle Miocene Luisian? Stage
20743	Reliz Canyon	8650		Sweetwater Creek	81-J		planktics com	middle Miocene
20744	Reliz Canyon	8651		Sweetwater Creek	81-J		planktics abun	early or middle Miocene
20745	San Dimas	8651		NW part of quad	no slide			middle Miocene Luisian Stage
20746	Reliz Canyon	8653		Sweetwater Creek	81-J			possibly middle Miocene Luisian Stage
20747	Reliz Canyon	8654		Sweetwater Creek	81-J			middle Miocene
20748	Reliz Canyon	8655		Sweetwater Creek	81-J			middle Miocene
20749	Junipero Serra Peak	8656		Near Woodtick Cyn	81-J			early or middle Eocene C to A-2 Zone
20750	Junipero Serra Peak	8657		Arroyo Seco	81-J			early Miocene Relizian Stage
20751	Junipero Serra Peak	8658		Arroyo Seco	81-J			middle Miocene
20752	Junipero Serra Peak	8659		NW BM 879 A Sec	81-J			early Miocene Relizian Stage
20753	Junipero Serra Peak	8660		NW BM 879 A Sec	81-J			middle Miocene
20754	Junipero Serra Peak	8661		NW BM 879 A Sec	81-J			middle Miocene
20755	Junipero Serra Peak	8662		NW BM 879 A Sec	81-J			probably middle Miocene Luisian Stage
20756	Junipero Serra Peak	8663		NW BM 879 A Sec	81-J			middle Miocene
20757	Junipero Serra Peak	8664		NW BM 879 A Sec	81-J			middle Miocene
20758	Sycamore Flat	8666		Jamesburg-AS Rd	81-J			middle Miocene Luisian Stage
20759	Reliz Canyon	8667		Sweetwater Creek	81-J			early Miocene Relizian Stage
20760	Reliz Canyon	8668		NW of The Rocks	81-J			Eocene
20761	Junipero Serra Peak	8669		Horse Canyon	81-J			middle Miocene
20762	Junipero Serra Peak	8670		Horse Canyon	81-J			early or middle Miocene
20763	Yorba Linda	8670		E of Brea Canyon	76-L			middle and late Miocene Mohnian Stage
20764	Junipero Serra Peak	8671		Horse Canyon	81-J			early Miocene Relizian Stage
20765	La Habra	8671		NC part of quad	76-L			middle and late Miocene Mohnian Stage
20766	Yorba Linda	8671		not on map	76-L			middle and late Miocene Mohnian Stage
20767	Junipero Serra Peak	8672		Horse Canyon	81-J			early or middle Miocene
20768	La Habra	8672		NC part of quad	76-L			middle and late Miocene Mohnian Stage
20769	Yorba Linda	8672		not on map	76-L			middle and late Miocene Mohnian Stage
20770	Junipero Serra Peak	8673		Horse Canyon	81-J			early Miocene Relizian Stage
20771	Junipero Serra Peak	8674		Horse Canyon	81-J			early Miocene Relizian Stage
20772	Junipero Serra Peak	8675		Horse Canyon	81-J			early Miocene Relizian Stage
20773	Junipero Serra Peak	8676		Horse Canyon	81-J		planktics com	early Miocene Relizian Stage
20774	Sycamore Flat	8677		Paloma Creek	81-J			early or middle Miocene Relizian or Luisian Stage
20775	Sycamore Flat	8678		Paloma Creek	81-J			middle Miocene Luisian Stage
20776	Junipero Serra Peak	8679		Woodtick Canyon	81-J			middle Miocene Luisian Stage
20777	Sycamore Flat	8679		Paloma Creek	81-J			middle Miocene Luisian Stage
20778	Newport Beach	8680		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
20779	Sycamore Flat	8680		Paloma Creek	81-J			middle Miocene Luisian Stage
20780	Sycamore Flat	8681		Paloma Creek	81-J			middle Miocene Luisian Stage
20781	Sycamore Flat	8682		Basin Creek	81-J			middle and late Miocene Mohnian Stage
20782	Sycamore Flat	8683		Basin Creek	81-J	sa L Pine Mtn		middle and late Miocene lower Mohnian Stage
20783	Sycamore Flat	8684		Basin Creek	81-J			middle and late Miocene Mohnian Stage
20784	Sycamore Flat	8686		Basin Creek	81-J			middle and late Miocene lower Mohnian Stage
20785	Sycamore Flat	8687		Basin Creek	81-J			middle and late Miocene Mohnian Stage
20786	Sycamore Flat	8690		Basin Creek	81-J			middle Miocene Luisian Stage
20787	Sycamore Flat	8691		Basin Creek	81-J			middle Miocene Luisian Stage
20788	Sycamore Flat	8692		Basin Creek	81-J			middle Miocene Luisian Stage
20789	Sycamore Flat	8693		Basin Creek	81-J			middle Miocene Luisian Stage
20790	San Dimas	8694		SE of Masonic Hm	77-C			middle and late Miocene Mohnian Stage
20791	Paraiso Springs?	8695		Sweetwater Creek	81-J		not on map	middle and late Miocene Mohnian Stage
20792	Paraiso Springs?	8696		Sweetwater Creek	81-J		not on map	middle and late Miocene Mohnian Stage
20793	San Dimas	8696		SE of Masonic Hm	77-C			middle and late Miocene Mohnian Stage
20794	Baldwin Park	8697		EC part of quad	77-C			middle and late Miocene Mohnian Stage
20795	Junipero Serra Peak	8697		SW of The Lakes	81-J			Late Cretaceous or Paleocene
20796	Baldwin Park	8698		EC part of quad	77-C			middle and late Miocene Mohnian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
20797	Chews Ridge?	8698		not on map	81-J	Jamesburg 15'		Late Cretaceous or Paleocene
20798	Chews Ridge	8699		Church Creek	81-J	Jamesburg 15'		early to middle Eocene C to A-2 Zone
20799	Baldwin Park	8700		EC part of quad	77-C			middle and late Miocene Mohnian Stage
20800	Topanga	8781		Greenleaf Canyon	78-F		info from slide	middle and late Miocene lower Mohnian Stage
20801	Canoga Park	8785		Topanga Canyon	no slide			middle and late Miocene
20802	Canoga Park	8786		Topanga Canyon	no slide			middle and late Miocene Mohnian Stage
20803	Calabasas	8787		Cohasset Street	78-F			middle and late Miocene upper Mohnian Stage
20804	Calabasas	8787		Cohasset Street	no slide			middle and late Miocene upper Mohnian Stage
20805	Calabasas	8788		Bell Canyon	no slide			middle and late Miocene
20806	Calabasas	8791		NW of Woodland H	79-M			Mohnian Stage
20807	Calabasas	8791		NW of Woodland H	no slide			middle and late Miocene Mohnian Stage
20808	Oak Run	8791		Oak Run Creek	148-I	Millville 15'	not on map	Late Cretaceous F-1 or G-1 Zone
20809	Canoga Park	8794	B	SW of Encino	79-M			middle and late Miocene upper Mohnian Stage
20810	Canoga Park	8795	4	Encino	79-M			middle and late Miocene upper Mohnian Stage
20811	Canoga Park	8796	A	Lindley Ave	79-M			middle and late Miocene upper Mohnian Stage
20812	Canoga Park	8796		Lindley Ave	79-M			middle and late Miocene Mohnian Stage
20813	Van Nuys	8797		Encino	79-M			middle and late Miocene upper Mohnian Stage
20814	Laurel	8800		Inspiration Point	147-D			probably Oligocene Zemorrian Stage
20815	Felton	8803		Zayante area	147-D	2/10S/2W (SLP)	rubber casts	early Miocene Saucesian or Relizian Stage
20816	Castle Rock Ridge	8805		Zayante Creek	147-D	30/9S/1W (SLP)	rubber casts	early Miocene
20817	Felton	8807		not on map	147-D	36/9S/2W (SLP)	rubber casts	middle Miocene
20818	Santa Cruz	8808		W of Point S Cruz	147-D		rubber casts	middle Miocene Luisian Stage
20819	Castle Rock Ridge	8810		Two Bar Creek	147-D			Oligocene Zemorrian Stage
20820	Castle Rock Ridge	8811		Two Bar Creek	147-D			Oligocene Zemorrian Stage
20821	Big Basin	8812		Two Bar Creek	147-D			Oligocene Zemorrian Stage
20822	Big Basin	8814		Two Bar Creek	147-D			Oligocene Zemorrian Stage
20823	Big Basin	8818		San Lorenzo Park	147-D			middle Eocene A Zone
20824	El Toro	8818	A	Aliso Creek	35-E			middle and late Miocene Mohnian Stage
20825	El Toro	8818	B	Aliso Creek	35-E			middle and late Miocene lower Mohnian Stage
20826	Big Basin	8819		NE part of quad	147-D			early Miocene
20827	Big Basin	8823		NE part of quad	147-E	dupe in Mindego H	rubber casts	early Miocene Saucesian Stage
20828	Mindego Hill	8823		SE corner of quad	147-E	Palo Alto 15'		early Miocene
20829	Big Basin	8824		NE part of quad	147-E			early Miocene
20830	Mindego Hill	8824		SE corner of quad	147-E	Palo Alto 15'		early Miocene
20831	Big Basin	8826		NE part of quad	147-E			Oligocene lower Zemorrian Stage
20832	Big Basin?	8827		not on map	no slide			Oligocene lower Zemorrian Stage
20833	Big Basin	8828		NE part of quad	147-E			Oligocene Zemorrian Stage
20834	Castle Rock Ridge	8834		Kings Creek	147-E			Oligocene probably lower Zemorrian Stage
20835	Castle Rock Ridge	8839		Fat Buck Ridge	147-E			Miocene
20836	Castle Rock Ridge	8840		Kings Creek	147-E			middle Eocene A-1 Zone
20837	Castle Rock Ridge	8841		Bear Creek Road	147-E			early Miocene
20838	Big Basin	8844		near Big Basin Rd	147-E	11/9S/3W		Oligocene lower Zemorrian Stage
20839	Big Basin	8845		China Grade	147-E			middle Eocene A Zone
20840	Big Basin	8847		Locatelli Ranch	147-E			middle Eocene A Zone
20841	Felton	8848		Loch Lomond	147-E	34/9S/2W (SLP)		early Miocene Relizian Stage
20842	Big Basin	8850		Little Basin	147-E			Oligocene Zemorrian Stage
20843	Mindego Hill	8851		SW of Table Mtn	147-E	Palo Alto 15'		Oligocene or early Miocene
20844	Mindego Hill	8852		NE of Woodruff Ck	147-E	6/7S/3E (SLP)		Oligocene lower Zemorrian Stage
20845	Mindego Hill	8853		center of quad	147-E	Palo Alto 15'		possibly middle Miocene
20846	La Honda	8854		NE corner of quad	147-E	dupe in Mindego H	rubber casts	Oligocene lower Zemorrian Stage
20847	Mindego Hill	8854		NW part of quad	147-E	Palo Alto 15'		Oligocene lower Zemorrian Stage
20848	Mindego Hill	8856		NW part of quad	147-E	Palo Alto 15'		Oligocene Zemorrian Stage
20849	Woodside	8857		S of Sky Londa	147-E	26/6S/4W (SLP)		middle Eocene A Zone
20850	Woodside	8858		Sky Londa	147-E	26/6S/4W (SLP)		middle Eocene A Zone
20851	Woodside	8859		NW of Sky Londa	147-E	22/6S/4W (SLP)	rubber casts	possibly late Eocene
20852	Woodside	8860		NW of Sky Londa	147-E	22/6S/4W (SLP)	rubber casts	possibly early Miocene
20853	Woodside	8861		SE of Skeggs Point	147-E	16/6S/4W (SLP)	rubber casts	early Miocene
20854	Woodside	8862		S of Skeggs Point	147-E	16/6S/4W (SLP)		Oligocene upper Zemorrian
20855	Woodside	8863		Kings Mtn School	147-E	8/6S/4W (SLP)		early Miocene
20856	Woodside	8864		Star Hill Road	147-E	18/6S/4W (SLP)		early Miocene
20857	Castle Rock Ridge	8868		Bear Ck summit	147-E		rubber casts	probably early Miocene
20858	Woodside	8869		Whittemore Gulch	147-E		planktics com	probably Oligocene Zemorrian Stage
20859	Woodside	8871		Purisima Creek	147-E	6/6S/5W (SLP)		probably Oligocene Zemorrian Stage
20860	Chittenden	8872		Near Tar Creek	147-E	26/11S/3E (SLP)	rubber casts	Oligocene upper? Zemorrian Stage
20861	Chittenden	8873		Pescadero Ck area	147-E	S Juan Bautista 15	rubber casts	Pliocene?
20862	Watsonville East	8874		EC part of quad	147-F	S Juan Bautista 15'	27/11S/3E SL	early Miocene
20863	Chittenden	8875		N of Pajaro Gap	147-F	S Juan Bautista 15	rubber casts	possibly early Miocene
20864	Chittenden	8876		not on map	147-F	S Juan Bautista 15	rubber casts	early Miocene
20865	Franklin Point	8882		just E of airport	147-F	22/8S/4W map		middle Eocene A-2 Zone
20866	Franklin Point	8884		NE Sandy Point GS	147-F	25/8S/4W (SLP)	Butano	possibly late Eocene
20867	Woodside	8886		SE of Skeggs Point	147-F	22/6S/4W (SLP)		early Miocene
20868	Woodside	8887		SE of Skeggs Point	147-F	22/6S/4W (SLP)	rubber casts	early Miocene
20869	Woodside	8888		Star Hill Road	147-F	18/6S/4W (SLP)	rubber casts	early Miocene
20870	Castle Rock Ridge	8889		Skyline blvd	147-F		rubber casts	Oligocene Zemorrian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
20871	Big Basin	8890		NE part of quad	147-F		rubber casts	early Miocene Saucesian Stage
20872	San Dimas	8890		SE part of quad	no slide			middle and late Miocene Mohnian Stage
20873	Mindego Hill	8891		Near Peters Creek	147-F	Palo Alto 15'	rubber casts	early Miocene Relizian Stage
20874	Watsonville East	8893		EC part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20875	Chittenden	8894		N of Soda Lake	no slide	S Juan Bautista 15		middle and late Miocene lower Mohnian Stage
20876	Watsonville East	8895		SE part of quad	no slide	S Juan Bautista 15'		middle and late Miocene lower Mohnian Stage
20877	Chittenden	8896		W of Soda Lake	no slide	S Juan Bautista 15		middle and late Miocene lower Mohnian Stage
20878	Watsonville East	8897		SE part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20879	Watsonville East	8898		NW part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20880	Watsonville East	8899		NW part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20881	Calabasas	8900		Woodland hills	no slide			middle and late Miocene upper Mohnian Stage
20882	Watsonville East	8900		NW part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20883	Calabasas	8901		W of Woodland Hls	79-M			middle and late Miocene upper Mohnian Stage
20884	Calabasas	8902		EC part of quad	no slide			middle and late Miocene Mohnian? Stage
20885	Watsonville East	8902		NW part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian Stage
20886	Calabasas	8903		N of Woodland Hls	no slide			middle and late Miocene Mohnian? Stage
20887	Watsonville East	8903		NW part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian Stage
20888	Canoga Park	8904		SW corner quad	no slide			middle and late Miocene Mohnian? Stage
20889	Watsonville East	8904		NW part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian Stage
20890	Watsonville East	8905		NW part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20891	Canoga Park	8906	2	W of Topanga Cyn	79-M			middle and late Miocene upper Mohnian Stage
20892	Canoga Park	8906	1	W of Topanga Cyn	79-M			middle and late Miocene upper Mohnian Stage
20893	Watsonville East	8906		NW part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20894	Canoga Park	8907		SW corner quad	no slide			middle and late Miocene Mohnian? Stage
20895	Watsonville East	8907		NW part of quad	147-F	S Juan Bautista 15'		middle Eocene A-2 Zone
20896	Calabasas	8908		SE part quad	79-M			middle and late Miocene lower Mohnian Stage
20897	Mount Madonna	8908		SW part of quad	no slide	Morgan Hill 15'	age from map	middle Eocene A-2 Zone
20898	Calabasas	8909		SE part quad	79-M			middle and late Miocene upper Mohnian Stage
20899	Watsonville East	8909		NW part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20900	Calabasas	8910		SE part quad	79-M			middle and late Miocene upper Mohnian Stage
20901	Canoga Park	8911		Muhlolland Drive	no slide			middle and late Miocene Mohnian Stage
20902	Castle Rock Ridge	8911		Bear Creek Road	147-F			Oligocene Zemorrian or early Miocene Saucesian Stage
20903	Calabasas	8912		Liberty Canyon	78-F			middle and late Miocene Mohnian Stage
20904	Big Basin	8914		N of Waterman Gap	147-F			Oligocene lower Zemorrian Stage
20905	Sunland	8914		SW of Sunland	79-M			middle and late Miocene lower Mohnian Stage
20906	Mindego Hill	8915		SC part of quad	147-F	Palo Alto 15'		probably Oligocene lower Zemorrian Stage
20907	Big Basin	8916		N of Waterman Gap	147-F	dupe in Mindego H		Oligocene upper? Zemorrian Stage
20908	Mindego Hill	8916		NW part of quad	147-F	Palo Alto 15'		Oligocene upper? Zemorrian Stage
20909	Chittenden	8920		Soda Lake area	no slide	S Juan Bautista 15		Oligocene Zemorrian or early Miocene Saucesian Stage
20910	Chittenden	8923		Pescadero Creek	no slide	S Juan Bautista 15		Oligocene lower Zemorrian Stage
20911	Chittenden	8924		Soda Lake area	no slide	S Juan Bautista 15		middle and late Miocene lower Mohnian Stage
20912	Chittenden	8926		Pescadero Creek	no slide	S Juan Bautista 15		Oligocene Zemorrian Stage
20913	Calabasas	8927		SW of Woodland H	79-M			probably U Mohnian Stage
20914	Chittenden	8927		Pescadero Ck area	no slide	S Juan Bautista 15		Oligocene lower Zemorrian Stage
20915	Canoga Park	8928	1	Topanga Canyon	79-M			middle and late Miocene upper Mohnian Stage
20916	Canoga Park	8928	2	Topanga Canyon	79-M			middle and late Miocene upper Mohnian Stage
20917	Canoga Park	8928	3	Topanga Canyon	79-M			middle and late Miocene upper Mohnian Stage
20918	Canoga Park	8928	5	Topanga Canyon	79-M			middle and late Miocene upper Mohnian Stage
20919	Canoga Park	8929	1	SW of BM 1428	79-M			middle and late Miocene upper Mohnian Stage
20920	Canoga Park	8929	2	SW of BM 1428	79-M			middle and late Miocene upper Mohnian Stage
20921	Canoga Park	8929	3	SW of BM 1428	79-M			middle and late Miocene upper Mohnian Stage
20922	Canoga Park	8929	4	SW of BM 1428	79-M			middle and late Miocene upper Mohnian Stage
20923	Canoga Park	8929	5	SW of BM 1428	79-M			middle and late Miocene upper Mohnian Stage
20924	Canoga Park	8930	2	SW of BM 1538	79-M			middle and late Miocene upper Mohnian Stage
20925	Canoga Park	8930	1	SW of BM 1538	79-M			middle and late Miocene upper Mohnian Stage
20926	Canoga Park	8931		SE of Woodland Hls	no slide			middle and late Miocene Mohnian Stage
20927	Watsonville East	8931		EC part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20928	Canoga Park	8932		SE of Woodland Hls	no slide			middle and late Miocene Mohnian Stage
20929	Watsonville East	8932		EC part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20930	Watsonville East	8933		EC part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
20931	Canoga Park	8934		SFV Country Club	79-M			early Miocene
20932	Chittenden	8935		N of Pescadero Ck	no slide	S Juan Bautista 15		Oligocene Zemorrian or early Miocene Saucesian Stage
20933	Canoga Park	8939		W of Caballero Ck	79-N			middle and late Miocene upper Mohnian Stage
20934	Canoga Park	8940		SW of Encino	79-N			middle and late Miocene upper Mohnian Stage
20935	Cholame Hills	8941		Hog Canyon	140-N		rubber casts	Pliocene?
20936	Cholame Hills	8942		Hog Canyon	140-N		rubber casts	Pliocene?
20937	Canoga Park	8943		Santa maria Road	no slide			middle and late Miocene Mohnian Stage
20938	Ranchito Canyon	8943		NE part of quad	140-N	San Miguel 15'	rubber casts	Pliocene?
20939	Canoga Park	8944		Mulholland Drive	79-N			middle and late Miocene upper Mohnian Stage
20940	Ranchito Canyon	8944		NE part of quad	140-N		rubber casts	Pliocene?
20941	Atascadero	8945		NC part of quad	no slide	S Luis Obispo 15'		middle and late Miocene lower Mohnian Stage
20942	Templeton	8945		NW of Atascadero	140-N	Paso Robles 15'	rubber casts	middle and late Miocene lower Mohnian Stage
20943	Atascadero	8946		NC part of quad	no slide	S Luis Obispo 15'		middle and late Miocene Mohnian or Delmontian Stage
20944	Canoga Park	8946		SE Pacific Lodge B	79-N			middle and late Miocene upper Mohnian Stage

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20945	Templeton	8946		NW of Atascadero	140-N	Paso Robles 15'	rubber casts	late Miocene
20946	Canoga Park	8949		Caballero Creek	79-N			middle and late Miocene Mohnian Stage
20947	Canoga Park	8950		Caballero Creek	79-N			middle and late Miocene upper Mohnian Stage
20948	Canoga Park	8952		E of Caballero Ck	79-N			middle and late Miocene upper Mohnian Stage
20949	Tierra Redonda Mtn	8953		San Antonio River	141-N			early Miocene Relizian Stage
20950	Tierra Redonda Mtn	8955		San Antonio River	141-N			early Miocene Relizian Stage
20951	Canoga Park	8956	3	S of Encino	79-N			probably middle and late Miocene lower Mohnian Stage
20952	Tierra Redonda Mtn	8956		San Antonio River	141-N			early Miocene Relizian or middle Miocene Luisian Stage
20953	Tierra Redonda Mtn	8957		San Antonio River	141-N			early Miocene Relizian Stage
20954	Van Nuys	8957		S of Encino	no slide			middle and late Miocene Mohnian Stage
20955	San Fernando	8958	15	Lopez Canyon	79-N			middle and late Miocene upper Mohnian Stage
20956	San Fernando	8958	16	Lopez Canyon	no slide			middle and late Miocene upper Mohnian Stage
20957	San Fernando	8958	17	Lopez Canyon	79-N			middle and late Miocene upper Mohnian Stage
20958	San Fernando	8958	18	Lopez Canyon	no slide			middle and late Miocene Mohnian Stage
20959	San Fernando	8958	22	Lopez Canyon	79-N			middle and late Miocene upper Mohnian Stage
20960	Van Nuys	8960		S of Encino	79-N			middle and late Miocene Mohnian Stage
20961	Van Nuys	8961	2	S of Encino	79-N			middle and late Miocene upper Mohnian Stage
20962	Van Nuys	8962	5	S of Encino	79-N			middle and late Miocene Mohnian Stage
20963	Cosio Knob	8963		S of Cosio Knob	141-N	King City 15'		early Miocene Relizian Stage
20964	Cosio Knob	8964		Sulphur Spr Cyn	141-N	King City 15'		middle Miocene Luisian Stage
20965	Sycamore Flat	8966		center of quad	155-N			middle Miocene Luisian Stage
20966	Sycamore Flat	8967		center of quad	155-N			middle Miocene Luisian Stage
20967	Sycamore Flat	8968		center of quad	155-N			middle Miocene Luisian Stage
20968	Holland Canyon	8969		Hughes Canyon	141-M	Orchard Peak 15'		Pliocene
20969	Canoga Park	8970	1	SC part of quad	no slide			middle and late Miocene upper Mohnian Stage
20970	Canoga Park	8970	2	SC part of quad	no slide			middle and late Miocene upper Mohnian Stage
20971	Canoga Park	8970	3	SC part of quad	no slide			middle and late Miocene upper Mohnian Stage
20972	Canoga Park	8970	5	SC part of quad	no slide			middle and late Miocene Mohnian Stage
20973	Calabasas	8971	1	N of Brents Junct	79-N			middle and late Miocene upper Mohnian Stage
20974	Calabasas	8971	2	N of Brents Junct	79-N			middle and late Miocene upper Mohnian Stage
20975	Holland Canyon	8971		Hughes Canyon	141-M	Orchard Peak 15'		Pliocene
20976	Camatta Canyon	8974		EC part of quad	no slide		mollusk age	late Miocene or Pliocene
20977	Camatta Canyon	8976		Red Hills	no slide			Pliocene?
20978	Canoga Park	8977		Topanga Canyon	79-N			middle and late Miocene upper Mohnian Stage
20979	Canoga Park	8978	1	SC part of quad	79-N			middle and late Miocene Mohnian Stage
20980	Canoga Park	8978	2	SC part of quad	79-N			middle and late Miocene Mohnian Stage
20981	Canoga Park	8978	3	SC part of quad	79-N			middle and late Miocene Mohnian Stage
20982	Canoga Park	8978	4	SC part of quad	79-N			middle and late Miocene Mohnian Stage
20983	Camatta Canyon	8980	1	Red Hills	141-M			Pliocene
20984	Camatta Canyon	8980	2	Red Hills	141-M			Pliocene
20985	Camatta Canyon	8981		NE corner of quad	96-G	Shandon 15'		Pliocene?
20986	San Fernando	8981	5	Hansen Dam	79-N			middle and late Miocene Mohnian Stage
20987	San Fernando	8982	3	EC part of quad	no slide			middle and late Miocene Mohnian Stage
20988	Canoga Park	8983		SE of Tarzana	no slide			Miocene
20989	Canoga Park	8984		SW of Tarzana	no slide			Miocene
20990	Canoga Park	8985		SW of Tarzana	no slide			Miocene
20991	Camatta Canyon	8986	A	NE corner of quad	102-G	Shandon 15'	Elphidium etc	Pliocene?
20992	Camatta Canyon	8986	B	NE corner of quad	102-G	Shandon 15'		Pliocene?
20993	Canoga Park	8986	4	Woodland Hills	79-N			middle and late Miocene Mohnian Stage
20994	Calabasas	8987		SW of Woodland H	no slide			Miocene
20995	Calabasas	8988		Calabasas PO	79-N			middle and late Miocene Mohnian Stage
20996	Calabasas	8989	1	SE part of quad	no slide			middle and late Miocene Mohnian Stage
20997	Calabasas	8989	3	SE part of quad	no slide			middle and late Miocene Mohnian Stage
20998	Calabasas	8989	4	SE part of quad	no slide			middle and late Miocene Mohnian Stage
20999	Calabasas	8989	5	SE part of quad	no slide			middle and late Miocene Mohnian Stage
21000	Canoga Park	8989	1	SW corner quad	79-N			middle and late Miocene Mohnian Stage
21001	Canoga Park	8989	3	SW corner quad	79-N			middle and late Miocene Mohnian Stage
21002	Canoga Park	8989	4	SW corner quad	79-N			middle and late Miocene Mohnian Stage
21003	Canoga Park	8989	5	SW corner quad	79-N	sa Calabasas		middle and late Miocene Mohnian Stage
21004	Malibu Beach	8990	5	NE part of quad	79-M			early or middle Miocene
21005	Calabasas	8992		W of Woodland Hls	no slide			Miocene
21006	Calabasas	8994		W of Woodland Hls	no slide			Miocene
21007	Calabasas	8995		W of Woodland Hls	no slide			Miocene
21008	La Panza Ranch	8998		Navajo Ck area	156-I		shallow water	middle or late Miocene
21009	La Panza Ranch	8999		Navajo Ck area	156-I		shallow	probably late Miocene or Pliocene
21010	La Panza Ranch	9000		Navajo Ck area	156-I		shallow	probably late Miocene or Pliocene
21011	La Panza Ranch	9001		Navajo Ck area	156-J			middle or late Miocene
21012	La Panza Ranch	9002		Navajo Ck area	156-J		shallow	probably late Miocene
21013	La Panza Ranch	9003		Navajo Ck area	156-J		shallow	probably late Miocene
21014	La Panza Ranch	9004		Navajo Ck area	156-J		shallow	probably late Miocene
21015	La Panza Ranch	9005		Navajo Ck area	156-J			middle Miocene Luisian Stage
21016	La Panza Ranch	9007		Navajo Ck area	156-J		shallow	probably late Miocene
21017	La Panza Ranch	9008		Navajo Ck area	156-J			middle Miocene Luisian Stage
21018	La Panza Ranch	9009		Navajo Ck area	156-J			middle Miocene Luisian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
21019	La Panza Ranch	9010		Navajo Ck area	156-J		shallow	probably late Miocene
21020	La Panza Ranch	9011		Navajo Ck area	156-J		shallow	probably late Miocene
21021	La Panza Ranch	9012		Navajo Ck area	156-J		shallow	probably late Miocene
21022	La Panza Ranch	9013		Navajo Ck area	156-J		shallow	late Miocene
21023	Mount Madonna	9014		SW part of quad	118-L	Morgan Hill 15'	age from map	probably Eocene
21024	Mount Madonna	9015		SW part of quad	118-L	Morgan Hill 15'	age from map	Eocene
21025	Loma Prieta	9016		N of Gamecock Cyn	118-L			late Eocene
21026	Loma Prieta	9017		S of Nibbs Knob	118-L			late Eocene
21027	Loma Prieta	9018		SW of Nibbs Knob	118-L			late Eocene
21028	Watsonville East	9020		NW corner quad	140-M	S Juan Bautista 15'		Oligocene upper Zemorrian Stage
21029	Mount Madonna	9022		Mt Madonna Road	140-M	Morgan Hill 15'	age from map	probably early Miocene
21030	Mount Madonna	9023		Mt Madonna Road	140-M	Morgan Hill 15'	age from map	probably Eocene
21031	Mount Madonna	9024		Mt Madonna Road	140-M	Morgan Hill 15'	age from map	probably middle Eocene A Zone
21032	Mount Madonna?	9025		not on map	140-M			late Eocene
21033	Watsonville East	9026		NW corner quad	no slide	S Juan Bautista 15'		middle Eocene A-2 Zone
21034	Watsonville East	9029		NC part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
21035	Watsonville East	9031		NW part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian Stage
21036	Watsonville East	9032		NW part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian Stage
21037	Watsonville East	9035		EC part of quad	no slide	S Juan Bautista 15'		Oligocene upper Zemorrian Stage
21038	Watsonville East	9037		EC part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
21039	Watsonville East	9038		EC part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
21040	Watsonville East	9039		EC part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
21041	Watsonville East	9040		EC part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
21042	Watsonville East	9041		EC part of quad	no slide	S Juan Bautista 15'		early Miocene Saucesian Stage
21043	Chittenden	9042		NW of Soda Lake	no slide	S Juan Bautista 15	age from map	early Miocene Saucesian Stage
21044	Watsonville East	9043		EC part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
21045	Watsonville East	9044		EC part of quad	no slide	S Juan Bautista 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
21046	Topanga	9051	1	NW corner quad	79-N			middle and late Miocene Mohnian Stage
21047	Topanga	9051	2	NW corner quad	79-N			middle and late Miocene Mohnian Stage
21048	Topanga	9051	3	NW corner quad	79-N			middle and late Miocene Mohnian Stage
21049	Topanga	9051	7	NW corner quad	79-N			middle and late Miocene Mohnian Stage
21050	Topanga	9051	8	NW corner quad	79-N			middle and late Miocene Mohnian Stage
21051	Topanga	9052	1	NW corner quad	79-N			middle and late Miocene Mohnian Stage
21052	Topanga	9052	2	NW corner quad	79-N			middle and late Miocene Mohnian Stage
21053	Canoga Park	9053	1	Caballero Creek	79-N	San Fernando Vly		middle and late Miocene Mohnian Stage
21054	Canoga Park	9053	2	Caballero Creek	79-N	San Fernando Vly		middle and late Miocene upper Mohnian Stage
21055	Sunland	9054	6	SW of Herrerres	79-N			middle and late Miocene Mohnian Stage
21056	Sunland	9055	5	SE of Herrerres R	79-N			middle and late Miocene Mohnian Stage
21057	Sycamore Flat	9057		Sand Creek	155-N		rubber casts	middle or late Miocene
21058	Chews Ridge	9058		Church Creek	no slide	Jamesburg 15'	Discocyclina	middle Eocene
21059	Canoga Park	9060	16	Encino Reservoir	79-N			Paleocene or Eocene
21060	Chews Ridge	9062		Miller Canyon	105-G	Jamesburg 15'	abun planktics	late Eocene
21061	Chews Ridge	9063		Miller Canyon	105-G	Jamesburg 15'		late Eocene
21062	Chews Ridge	9064		Miller Canyon	105-G	Jamesburg 15'	com planktics	late Eocene
21063	Sunland	9066		SE of Herrerres R	79-N			middle and late Miocene Mohnian Stage
21064	Sunland	9067	29	S of Herreres Rch	80-A	San Fernando Vly		middle and late Miocene Mohnian? Stage
21065	Sunland	9067	32	S of Herreres Rch	80-A	San Fernando Vly		middle and late Miocene Mohnian Stage
21066	Sunland	9067	33	S of Herreres Rch	80-A	San Fernando Vly		middle and late Miocene Mohnian Stage
21067	Sunland	9067	34	S of Herreres Rch	80-A	San Fernando Vly		middle and late Miocene Mohnian Stage
21068	Sunland	9067	38	S of Herreres Rch	80-A	San Fernando Vly		middle and late Miocene Mohnian Stage
21069	Sycamore Flat	9067		Sand Creek	155-N		rubber casts	middle Miocene Luisian Stage
21070	Sycamore Flat	9068		Sand Creek	155-N		rubber casts	middle and late Miocene Luisian or Mohnian Stage
21071	Sycamore Flat	9069		Sand Creek	155-N			middle and late Miocene Luisian or Mohnian Stage
21072	Sycamore Flat	9070		Basin Creek	155-N			middle and late Miocene Luisian or Mohnian Stage
21073	Fillmore	9071		Maple Creek	80-A			early Miocene Saucesian Stage
21074	Calabasas	9072		SC part of quad	no slide			middle and late Miocene upper Mohnian Stage
21075	Sycamore Flat	9072		Basin Creek	155-N			middle and late Miocene Luisian or Mohnian Stage
21076	Sycamore Flat	9072	RS	Basin Creek	155-N			middle and late Miocene Luisian or Mohnian Stage
21077	Sycamore Flat	9073		Basin Creek	155-N			middle and late Miocene Luisian or Mohnian Stage
21078	Sycamore Flat	9074		Paloma Creek	155-N			middle Miocene
21079	Sycamore Flat	9075		WC part of quad	no slide			middle Miocene Luisian Stage
21080	Thousand Oaks	9075		EC part of quad	no slide			middle and late Miocene lower Mohnian Stage
21081	San Miguel Island West	9083		SE of Green Mtn	85-J		NP age	early Eocene
21082	Zigzag Creek	9083		near Tassajara	129-C	Lucia 15'		middle Eocene A-2 Zone
21083	San Miguel Island West	9084		SE of Green Mtn	85-J		NP age	early Eocene
21084	Zigzag Creek	9084		near Tassajara	129-C	Lucia 15'		middle Eocene A-2 Zone
21085	San Miguel Island West	9085		SE of Green Mtn	85-J		NP age	early Eocene
21086	Zigzag Creek	9085		near Tassajara	129-C	Lucia 15'		middle Eocene A-2 Zone
21087	San Miguel Island West	9086		SE of Green Mtn	85-J		NP age	early Eocene
21088	Zigzag Creek	9086	A	near Tassajara	129-C	Lucia 15'		middle Eocene A-2 Zone
21089	Zigzag Creek	9086	B	near Tassajara	129-C	Lucia 15'		middle Eocene A-2 Zone
21090	San Miguel Island West	9087		SE of Green Mtn	85-J		NP age	early Eocene
21091	Sycamore Flat	9097		Paloma Creek	155-H			middle Miocene Luisian Stage
21092	Sycamore Flat	9098		Paloma Creek	155-H			early or middle Miocene Relizian or Luisian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
21093	Sycamore Flat	9099		Paloma Creek	155-H			middle Miocene Luisian Stage
21094	Paraiso Springs	9101		S of Paraiso Sprs	42-G	Soledad 15'	age from map	middle Miocene Luisian Stage
21095	Sycamore Flat	9101		SE of The Basin	42-G			middle Miocene Luisian Stage
21096	Sycamore Flat	9102		SE of The Basin	42-G			middle Miocene Luisian Stage
21097	Paraiso Springs	9103		S of Paraiso Sprs	42-G	Soledad 15'	age from map	middle Miocene Luisian Stage
21098	San Miguel Island West	9103		Green Mtn area	no slide		Inoceramus	Cretaceous
21099	Sycamore Flat	9103		SE of The Basin	42-G			middle Miocene Luisian Stage
21100	Paraiso Springs	9104		S of Paraiso Sprs	42-G	Soledad 15'	age from map	middle Miocene Luisian Stage
21101	Sycamore Flat	9104		SE of The Basin	42-G			middle Miocene Luisian Stage
21102	San Miguel Island West	9107		Green Mtn area	no slide		Inoceramus	Cretaceous
21103	San Miguel Island West	9111		SW of Green Mtn	no slide		NP age	Late Cretaceous
21104	Sycamore Flat	9113		Tash Creek	160-M			middle Miocene Luisian Stage
21105	Sycamore Flat	9116		not found	160-M			middle Miocene Luisian Stage
21106	Sycamore Flat	9117		Tash Creek	160-M			middle Miocene Luisian Stage
21107	Sycamore Flat	9118		Tash Creek	160-M			middle and late Miocene Luisian or Mohnian Stage
21108	Sycamore Flat?	9121		Soledad area	160-M		not on map	middle and late Miocene Luisian or Mohnian Stage
21109	Sycamore Flat?	9123		Soledad area	160-M		not on map	middle and late Miocene Mohnian Stage
21110	Chittenden	9126	RS	W of Sargent	142-N	S Juan Bautista 15	rubber casts	middle and late Miocene lower Mohnian Stage
21111	Loma Prieta	9128		EC part of quad	no slide			early or middle Eocene
21112	Loma Prieta	9131		Croy Ridge	142-N	com planktics	casts only	probably Eocene
21113	Loma Prieta	9137		center of quad	no slide			early or middle Eocene
21114	San Miguel Island East	9139		E end of Island	no slide	strat column	filed 9139	middle Eocene
21115	San Miguel Island East	9140		E end of Island	no slide	strat column		middle Eocene
21116	Chittenden	9141		NE of Soda Lake	no slide	S Juan Bautista 15		middle and late Miocene lower Mohnian Stage
21117	San Miguel Island East	9141		E end of Island	no slide	strat column		middle Eocene
21118	Sycamore Flat	9150		Paloma Creek	155-N			middle Miocene Luisian Stage
21119	Sycamore Flat	9151		Paloma Creek	155-N			middle and late Miocene Luisian or Mohnian Stage
21120	Sycamore Flat	9153		EC part of quad	155-N			middle Miocene
21121	Malibu Beach	9154	1-8	Malibu Canyon Road	no slide	have ages but no	slides	early Miocene Relizian Stage
21122	Malibu Beach	9154	22-33	Malibu Canyon Road	no slide	have strat column		early Miocene Saucesian Stage
21123	Sycamore Flat	9154		Sand Creek	155-N			middle and late Miocene Mohnian Stage
21124	Sycamore Flat	9155		Basin Creek	155-N			middle Miocene Luisian Stage
21125	Triunfo Pass	9157	2	Mulholland Drive	26-L	strat column	see also #290	early Miocene Saucesian or Relizian Stage
21126	Triunfo Pass	9157	3	Mulholland Drive	26-L	old Dume Point Q		early Miocene Saucesian or Relizian Stage
21127	Triunfo Pass	9157	4	Mulholland Drive	26-L	strat column		early Miocene Saucesian or Relizian Stage
21128	Triunfo Pass	9157	5	Mulholland Drive	26-L	strat column		early Miocene Saucesian or Relizian Stage
21129	Loma Prieta	9158		Near S Rosalia Mtn	21-G	casts only, did not	wash out	possibly early Miocene
21130	Loma Prieta	9159		Near S Rosalia Mtn	21-G			middle Eocene A-2 Zone
21131	Point Mugu	9159	1-14	La Jolla Canyon	no slide	have map w paleo	strat column	early Miocene Saucesian Stage
21132	Loma Prieta	9160		Near S Rosalia Mtn	21-G		rubber casts	middle Eocene A-2 Zone
21133	Point Mugu	9160	1-13	Laguna Peak	no slide	have map w paleo	strat column	early Miocene Saucesian Stage
21134	La Honda	9161		Pescadero Creek	155-G			late Eocene A-1 Zone
21135	Point Dume	9161	9	Zuma Fire Road	no slide	have map w paleo	strat column	early Miocene Saucesian Stage
21136	Camarillo	9162	1	Broome Ranch	no slide	have map w paleo	strat column	early Miocene Relizian Stage
21137	Camarillo	9162	2	Broome Ranch	no slide	have map w paleo	strat column	early Miocene Relizian Stage
21138	Camarillo	9162	3	Broome Ranch	no slide	have map w paleo	strat column	early Miocene Relizian Stage
21139	Camarillo	9162	4	Broome Ranch	no slide	have map w paleo	strat column	early Miocene Relizian Stage
21140	Camarillo	9162	5	Broome Ranch	no slide	have map w paleo	strat column	early Miocene Relizian Stage
21141	Camarillo	9162	6	Broome Ranch	no slide	have map w paleo	strat column	early Miocene Relizian Stage
21142	Camarillo	9162	7	Broome Ranch	no slide	have map w paleo	strat column	early Miocene Relizian Stage
21143	Camarillo	9162	8	Broome Ranch	no slide	have map w paleo	strat column	early Miocene Relizian Stage
21144	Camarillo	9162	9	Broome Ranch	no slide	have map w paleo	strat column	early Miocene Relizian Stage
21145	Camarillo	9162	10	Broome Ranch	no slide	have map w paleo	strat column	early Miocene Relizian Stage
21146	Camarillo	9162	11	Broome Ranch	no slide	have map w paleo	strat column	early Miocene Relizian Stage
21147	Camarillo	9162	12	Broome Ranch	no slide	have map w paleo	strat column	early Miocene Relizian Stage
21148	La Honda	9162		Pescadero Creek	155-G			middle Eocene A-2 Zone
21149	Point Mugu	9162	15	NE part of quad	no slide	have map w paleo	strat column	early Miocene Saucesian Stage
21150	Point Mugu	9162	16	NE part of quad	no slide	have map w paleo	strat column	early Miocene Saucesian Stage
21151	Point Mugu	9162	17	NE part of quad	no slide	have map w paleo	strat column	early Miocene Saucesian Stage
21152	Point Mugu	9162	18	NE part of quad	no slide	have map w paleo	strat column	early Miocene Saucesian Stage
21153	Point Mugu	9162	19	NE part of quad	no slide	have map w paleo	strat column	early Miocene Saucesian Stage
21154	Point Mugu	9162	20	NE part of quad	no slide	have map w paleo	strat column	early Miocene Saucesian Stage
21155	La Honda	9163		Pescadero Creek	155-G		com planktics	middle Eocene A-2 Zone
21156	La Panza Ranch	9166		center of quad	156-J	La Panza 15'		middle or late Miocene
21157	La Panza Ranch	9168		center of quad	156-J	La Panza 15'		middle or late Miocene
21158	La Panza Ranch	9169		San Juan Creek	156-J	La Panza 15'		middle or late Miocene
21159	La Panza Ranch	9170		center of quad	156-J	La Panza 15'		middle or late Miocene
21160	La Panza Ranch	9171		San Juan Creek	156-J	La Panza 15'		middle Miocene Luisian? Stage
21161	La Panza Ranch	9172		San Juan Creek	156-J	La Panza 15'		middle or late Miocene
21162	La Panza Ranch	9173		San Juan Creek	156-J	La Panza 15'		middle or late Miocene
21163	La Panza Ranch	9174		San Juan Creek	156-J	La Panza 15'		middle or late Miocene
21164	Sycamore Flat	9176		Little Sand Creek	169-D			middle Miocene Luisian Stage
21165	Sycamore Flat	9177		Tash Creek	169-D		rubber casts	middle or late Miocene
21166	La Jolla	9178	1	La Jolla Hills	no slide	field notebook age		Pliocene

	A	B	C	D	E	F	G	H
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21167	La Mesa	9178	2	SC part of quad	no slide	field notebook age		Eocene
21168	La Mesa	9178	3	SC part of quad	no slide	field notebook age		Eocene?
21169	La Mesa	9178	6	SC part of quad	no slide	field notebook age		Eocene?
21170	Sycamore Flat	9178		Tash Creek	169-D		rubber casts	middle or late Miocene
21171	Jamul Mountains	9179	4	SC part of quad	no slide	field notebook age		Pliocene
21172	Jamul Mountains	9179	5	SC part of quad	no slide	field notebook age		Pliocene
21173	Jamul Mountains	9179	6	SC part of quad	no slide	field notebook age		Pliocene
21174	Jamul Mountains	9179	7	SC part of quad	no slide	field notebook age		Pliocene
21175	Jamul Mountains	9179	8	SC part of quad	no slide	field notebook age		Pliocene
21176	Sycamore Flat	9179		Tash Creek	169-D		rubber casts	middle Miocene Luisian Stage
21177	La Jolla	9180	1	Torry Pines Rd	84-N			Eocene
21178	La Jolla	9180	2	Torry Pines Rd	84-N			Eocene
21179	La Jolla	9180	3	Torry Pines Rd	84-N			Eocene
21180	La Jolla	9180	4	Torry Pines Rd	84-N			Eocene
21181	La Jolla	9180	5	Torry Pines Rd	84-N			Eocene
21182	La Jolla	9180	6	Torry Pines Rd	84-N			Eocene
21183	La Jolla	9180	7	Torry Pines Rd	84-N			Eocene
21184	La Jolla	9180	8	Torry Pines Rd	84-N			Eocene
21185	La Jolla	9180	9	Torry Pines Rd	84-N			Eocene
21186	La Jolla	9180	10	Torry Pines Rd	84-N			Eocene
21187	La Jolla	9180	11	Torry Pines Rd	84-N			Eocene
21188	La Jolla	9180	12	Torry Pines Rd	84-N			Eocene
21189	La Jolla	9180	13	Torry Pines Rd	84-N		NP age	middle Eocene
21190	La Jolla	9180	14	Torry Pines Rd	84-N			Eocene
21191	La Jolla	9180	15	Torry Pines Rd	84-N		has NP, no age	Eocene
21192	La Jolla	9180	16	Torry Pines Rd	84-N		has NP, no age	Eocene
21193	La Jolla	9180	17	Torry Pines Rd	84-N			Eocene
21194	Laurel	9184		Near Highland Sch	99-G			Oligocene Zemorrian or early Miocene Saucesian Stage
21195	Laurel	9185		Near Highland Sch	99-G			Oligocene Zemorrian or early Miocene Saucesian Stage
21196	Laurel	9187		Los Gatos	99-G			probably Oligocene Zemorrian Stage
21197	Laurel	9188		Highway 17	99-G			possibly middle Miocene Luisian Stage
21198	Loma Prieta	9189	RS	S Rosalia Mtn	160-H		rubber casts	Eocene
21199	Loma Prieta	9191		S Rosalia Mtn	99-G		com planktics	possibly Eocene
21200	Los Gatos	9193		Bean Creek	159-N			Miocene
21201	Laurel	9195		S of Laurel	52-G			Oligocene Zemorrian or early Miocene Saucesian Stage
21202	Prado Dam	9195	2	SE part of quad	82-K		NP age	middle and late Miocene Mohnian Stage
21203	Prado Dam	9195	5	SE part of quad	82-K		abun planktics	late Miocene ?
21204	Yorba Linda	9195	6	SE part of quad	82-K		rare planktics	late? Miocene
21205	Yorba Linda	9195	7	SE part of quad	82-K		rare planktics	late? Miocene
21206	Yorba Linda	9195	9	SE part of quad	82-K		rare planktics	late? Miocene
21207	Laurel	9197		not found	11-B		rubber casts	Oligocene Zemorrian or early Miocene Saucesian Stage
21208	Laurel	9198		Spanish Ranch	11-B		glauconitic	Oligocene Zemorrian or early Miocene Saucesian Stage
21209	Laurel	9199		Loma Prieta Rd	11-B			Eocene
21210	Rancho Nuevo Creek	9200	1	SE part of quad	87-G			middle Miocene Luisian Stage
21211	Rancho Nuevo Creek	9200	2	SE part of quad	87-G			middle Miocene Luisian Stage
21212	Rancho Nuevo Creek	9200	3	SE part of quad	87-G			early Miocene Saucesian Stage
21213	Yorba Linda	9204		NW part of quad	no slide			middle and late Miocene Mohnian Stage
21214	San Dimas	9205		SC part of quad	no slide			middle and late Miocene Mohnian Stage
21215	Yorba Linda	9206		NW part of quad	no slide			middle and late Miocene Mohnian Stage
21216	Yorba Linda	9207		NW part of quad	no slide			middle and late Miocene Mohnian Stage
21217	Prado Dam	9208		NW part of quad	no slide			middle and late Miocene Mohnian Stage
21218	Yorba Linda	9209		SE part of quad	no slide			middle and late Miocene Mohnian Stage
21219	Yorba Linda	9210		NW part of quad	no slide			middle and late Miocene Mohnian Stage
21220	Prado Dam	9211		SW part of quad	no slide			middle and late Miocene Mohnian Stage
21221	Yorba Linda	9212		NW part of quad	no slide			middle and late Miocene Mohnian Stage
21222	Yorba Linda	9213		SE part of quad	no slide			late Miocene
21223	Prado Dam	9218		SC part of quad	no slide			late Miocene
21224	San Dimas	9220		SC part of quad	no slide	fish scale age		middle and late Miocene Mohnian Stage
21225	San Dimas	9221		SC part of quad	no slide	fish scale age		middle and late Miocene Mohnian Stage
21226	San Dimas	9222		SC part of quad	no slide	fish scale age		middle and late Miocene Mohnian Stage
21227	San Dimas	9223		SC part of quad	no slide	fish scale age		middle and late Miocene Mohnian Stage
21228	San Dimas	9224		SC part of quad	no slide	fish scale age		middle and late Miocene Mohnian Stage
21229	San Fernando	9236		EC part of quad	no slide			middle and late Miocene Mohnian Stage
21230	San Fernando	9237	2	EC part of quad	no slide			middle and late Miocene Mohnian Stage
21231	Hollywood	9241		NW of Atwater	80-B			middle and late Miocene lower Mohnian Stage
21232	Topanga	9249	57B	NW corner quad	80-B			early Miocene Relizian Stage
21233	Topanga	9249	72	NW corner quad	80-B			early Miocene Relizian Stage
21234	Topanga	9249	76	NW corner quad	80-B			early Miocene Relizian Stage
21235	Topanga	9250	1	NW corner quad	80-B			middle and late Miocene Mohnian Stage
21236	Beverly Hills	9251		Benedict Canyon	80-B			middle and late Miocene Mohnian Stage
21237	Topanga	9251		NW corner quad	80-B			middle and late Miocene Mohnian Stage
21238	Topanga	9252	12	not on map	80-B			middle and late Miocene Mohnian Stage
21239	Topanga	9253	1	NW corner quad	80-B			middle and late Miocene Mohnian Stage
21240	Topanga	9253	2	NW corner quad	80-B			middle and late Miocene Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
21241	Thousand Oaks	9259	1	S of Lang Ranch	no slide			middle Miocene Luisian Stage
21242	Thousand Oaks	9259	2	S of Lang Ranch	80-B			middle Miocene Luisian Stage
21243	San Miguel Island East	9279	64	San Miguel Island	83-M	strat column but		Late Cretaceous arenaceous foraminifers
21244	San Miguel Island East	9279	65	San Miguel Island	83-M	hard to follow		Late Cretaceous arenaceous foraminifers
21245	San Miguel Island East	9279	66	San Miguel Island	83-M	numbers. Also have		Late Cretaceous arenaceous foraminifers
21246	San Miguel Island East	9279	67	San Miguel Island	83-M	NP lists		Late Cretaceous arenaceous foraminifers
21247	San Miguel Island East	9279	68	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21248	San Miguel Island East	9279	69	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21249	San Miguel Island East	9279	70	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21250	San Miguel Island East	9279	72	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21251	San Miguel Island East	9279	73	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21252	San Miguel Island East	9279	76	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21253	San Miguel Island East	9279	77	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21254	San Miguel Island East	9279	77	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21255	San Miguel Island East	9279	78	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21256	San Miguel Island East	9279	79	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21257	San Miguel Island East	9279	80	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21258	San Miguel Island East	9279	81	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21259	San Miguel Island East	9279	82	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21260	San Miguel Island East	9279	83	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21261	San Miguel Island East	9279	84	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21262	San Miguel Island East	9279	95	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21263	San Miguel Island East	9279	86	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21264	San Miguel Island East	9279	87	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21265	San Miguel Island East	9279	88	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21266	San Miguel Island East	9279	89	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21267	San Miguel Island East	9279	92	San Miguel Island	83-M	strat column		Eocene
21268	San Miguel Island East	9279	109	San Miguel Island	102-G	field age not paleo	(probably)	Miocene?
21269	San Miguel Island East	9279	118	San Miguel Island	102-G	field age not paleo	(probably)	Miocene
21270	San Miguel Island East	9279	119	San Miguel Island	102-G	field age not paleo	(probably)	Miocene
21271	San Miguel Island East	9279	120	San Miguel Island	102-G	field age not paleo	(probably)	Miocene
21272	San Miguel Island East	9279	121	San Miguel Island	102-G	field age not paleo	(probably)	Miocene
21273	San Miguel Island East	9279	122	San Miguel Island	102-G	field age not paleo	(probably)	Miocene
21274	San Miguel Island East	9279	123	San Miguel Island	102-G	field age not paleo	(probably)	Miocene
21275	San Miguel Island East	9279	124	San Miguel Island	102-G	field age not paleo	(probably)	Miocene
21276	San Miguel Island East	9279	125	San Miguel Island	102-G	field age not paleo	(probably)	Miocene
21277	San Miguel Island East	9279	126	San Miguel Island	102-G	field age not paleo	(probably)	Miocene
21278	San Miguel Island East	9279	127	San Miguel Island	102-G	field age not paleo	(probably)	Miocene
21279	San Miguel Island East	9279	128	San Miguel Island	102-G	field age not paleo	(probably)	Miocene
21280	San Miguel Island East	9279	129	San Miguel Island	102-G	field age not paleo	(probably)	Miocene
21281	San Miguel Island East	9279	130	San Miguel Island	102-G	field age not paleo	(probably)	Eocene or Miocene
21282	San Miguel Island East	9279	131	San Miguel Island	102-G	field age not paleo	(probably)	Eocene or Miocene
21283	San Miguel Island East	9279	132	San Miguel Island	102-G	field age not paleo	(probably)	Miocene
21284	San Miguel Island East	9279	133	San Miguel Island	102-G	field age not paleo	(probably)	Miocene
21285	San Miguel Island East	9279	134	San Miguel Island	102-G	field age not paleo	(probably)	Miocene
21286	San Miguel Island East	9279	135	San Miguel Island	102-G	field age not paleo	(probably)	Eocene or Miocene
21287	San Miguel Island East	9279	136	San Miguel Island	102-G	field age not paleo	(probably)	Eocene or Miocene
21288	San Miguel Island East	9279	136A	San Miguel Island	102-G	field age not paleo	(probably)	Eocene or Miocene
21289	San Miguel Island East	9279	137	San Miguel Island	102-G	field age not paleo	(probably)	Miocene
21290	San Miguel Island West	9279	1	San Miguel Island	83-L	strat column	provides ages	Paleocene
21291	San Miguel Island West	9279	4	San Miguel Island	83-L			Paleocene
21292	San Miguel Island West	9279	5	San Miguel Island	83-L			early Eocene
21293	San Miguel Island West	9279	6	San Miguel Island	83-L	picked slide		early Eocene
21294	San Miguel Island West	9279	7	San Miguel Island	83-L	picked slide		early Eocene
21295	San Miguel Island West	9279	8	San Miguel Island	83-L		NP age	early Eocene
21296	San Miguel Island West	9279	9	San Miguel Island	83-L	picked slide		early Eocene
21297	San Miguel Island West	9279	10	San Miguel Island	83-L	strat column		early Eocene
21298	San Miguel Island West	9279	11	San Miguel Island	83-L	strat column	NP age	early Eocene
21299	San Miguel Island West	9279	13	San Miguel Island	83-L	strat column		early Eocene
21300	San Miguel Island West	9279	14	San Miguel Island	83-L	strat column		early Eocene
21301	San Miguel Island West	9279	15	San Miguel Island	83-L	strat column	NP age	early Eocene
21302	San Miguel Island West	9279	16	San Miguel Island	83-L	strat column		early Eocene
21303	San Miguel Island West	9279	17	San Miguel Island	83-L	strat column		early Eocene
21304	San Miguel Island West	9279	17	San Miguel Island	83-L	strat column		early Eocene
21305	San Miguel Island West	9279	19	San Miguel Island	83-L	strat column		Late Cretaceous or Paleocene
21306	San Miguel Island West	9279	20	San Miguel Island	83-L	strat column		Late Cretaceous or Paleocene
21307	San Miguel Island West	9279	23	San Miguel Island	83-M	strat column		Late Cretaceous or Paleocene
21308	San Miguel Island West	9279	22	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21309	San Miguel Island West	9279	23	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21310	San Miguel Island West	9279	24	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21311	San Miguel Island West	9279	25	San Miguel Island	83-M	strat column		Late Cretaceous arenaceous foraminifers
21312	San Miguel Island West	9279	26	San Miguel Island	83-M	strat column		Hard to follow numbers on strat column.
21313	San Miguel Island West	9279	27	San Miguel Island	83-M	strat column		Hard to follow numbers on strat column.
21314	San Miguel Island West	9279	28	San Miguel Island	83-M	strat column		Hard to follow numbers on strat column.

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
21315	San Miguel Island West	9279	29	San Miguel Island	83-M	strat column		Hard to follow numbers on strat column.
21316	San Miguel Island West	9279	36	San Miguel Island	83-M	strat column		early Eocene
21317	San Miguel Island West	9279	37	San Miguel Island	83-M	strat column		early Eocene
21318	San Miguel Island West	9279	39	San Miguel Island	83-M	strat column		early Eocene
21319	San Miguel Island West	9279	40	San Miguel Island	83-M	strat column		early Eocene
21320	San Miguel Island West	9279	41	San Miguel Island	83-M	strat column		early Eocene
21321	San Miguel Island West	9279	42	San Miguel Island	83-M	strat column	NP age	early Eocene
21322	San Miguel Island West	9279	43	San Miguel Island	83-M	strat column		early Eocene
21323	San Miguel Island West	9279	44	San Miguel Island	83-M	strat column		middle Eocene
21324	San Miguel Island West	9279	45	San Miguel Island	83-M	strat column		middle Eocene
21325	San Miguel Island West	9279	140	San Miguel Island	102-G	field age not paleo	(probably)	Cretaceous arenaceous foraminifers?
21326	San Miguel Island West	9279	141	San Miguel Island	102-G	field age not paleo	(probably)	Eocene or Cretaceous
21327	San Miguel Island West	9279	142	San Miguel Island	102-G	field age not paleo	(probably)	Eocene?
21328	San Miguel Island West	9279	143	San Miguel Island	102-G	field age not paleo	(probably)	Eocene?
21329	San Miguel Island West	9279	143A	San Miguel Island	102-G	field age not paleo	(probably)	Eocene or Cretaceous
21330	San Miguel Island West	9279	144	San Miguel Island	102-G	field age not paleo	(probably)	Cretaceous arenaceous foraminifers?
21331	San Miguel Island West	9279	145	San Miguel Island	102-G	field age not paleo	(probably)	Cretaceous arenaceous foraminifers?
21332	Sacate	9281	1	S Anita Canyon	87-G	ages from strat	column	middle Eocene
21333	Sacate	9281	2	S Anita Canyon	87-G	strat column	has NP	middle Eocene
21334	Sacate	9281	3	S Anita Canyon	87-G	strat column	has NP	middle Eocene
21335	Newport Beach	9282	1	SE part of quad	no slide			middle Miocene Luisian Stage
21336	Newport Beach	9282	2	SE part of quad	no slide			middle Miocene Luisian Stage
21337	Newport Beach	9282	3	SE part of quad	no slide			middle Miocene Luisian Stage
21338	Newport Beach	9282	4	SE part of quad	no slide			middle Miocene Luisian Stage
21339	Newport Beach	9282	5	SE part of quad	no slide			middle Miocene Luisian Stage
21340	Newport Beach	9282	6	SE part of quad	no slide			middle Miocene Luisian Stage
21341	Newport Beach	9282	7	SE part of quad	no slide			middle Miocene Luisian Stage
21342	Newport Beach	9282	8	SE part of quad	no slide			middle Miocene Luisian Stage
21343	Newport Beach	9282	9	SE part of quad	no slide			middle Miocene Luisian Stage
21344	Newport Beach	9282	10	SE part of quad	no slide			middle Miocene Luisian Stage
21345	Newport Beach	9282	11	SE part of quad	no slide			middle Miocene Luisian Stage
21346	Newport Beach	9282	12	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21347	Newport Beach	9282	13	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21348	Newport Beach	9282	14	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21349	Newport Beach	9282	15	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21350	Newport Beach	9282	16	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21351	Newport Beach	9282	17	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21352	Newport Beach	9282	18	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21353	Newport Beach	9282	19	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21354	Newport Beach	9282	20	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21355	Newport Beach	9282	21	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21356	Newport Beach	9282	22	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21357	Newport Beach	9282	23	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21358	Newport Beach	9282	24	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21359	Newport Beach	9282	25	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21360	Newport Beach	9282	26	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21361	Newport Beach	9282	27	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21362	Newport Beach	9282	28	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21363	Newport Beach	9282	29	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21364	Newport Beach	9282	30	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21365	Newport Beach	9282	31	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21366	Newport Beach	9282	32	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21367	Newport Beach	9282	33	SE part of quad	no slide			middle and late Miocene Lower Mohnian Stage
21368	Newport Beach	9282	34	SE part of quad	no slide			middle and late Miocene Mohnian Stage
21369	Newport Beach	9282	35	SE part of quad	no slide			middle and late Miocene Mohnian Stage
21370	Newport Beach	9282	36	SE part of quad	no slide			middle and late Miocene Mohnian Stage
21371	Newport Beach	9282	37	SE part of quad	no slide			middle and late Miocene Mohnian Stage
21372	Newport Beach	9282	38	SE part of quad	no slide			middle and late Miocene Mohnian Stage
21373	Newport Beach	9282	39	SE part of quad	no slide			middle and late Miocene Mohnian Stage
21374	Newport Beach	9282	40	SE part of quad	no slide			middle and late Miocene Mohnian Stage
21375	Newport Beach	9282	41	SE part of quad	no slide			middle and late Miocene Mohnian Stage
21376	Newport Beach	9282	42	SE part of quad	no slide			middle and late Miocene Mohnian Stage
21377	Newport Beach	9282	43	SE part of quad	no slide			middle and late Miocene Mohnian Stage
21378	Newport Beach	9282	44	SE part of quad	no slide			middle and late Miocene Upper Mohnian Stage
21379	Newport Beach	9282	45	SE part of quad	no slide			middle and late Miocene Upper Mohnian Stage
21380	Newport Beach	9282	46	SE part of quad	no slide			middle and late Miocene Upper Mohnian Stage
21381	Newport Beach	9282	47	SE part of quad	no slide			middle and late Miocene Upper Mohnian Stage
21382	McKittrick Summit	9304		NW part of quad	no slide			middle and late Miocene lower Mohnian Stage
21383	McKittrick Summit	9306		NW part of quad	155-I			early Miocene Relizian or middle Miocene Luisian Stage
21384	Sacate	9311	44	Can del Agua	87-M		has planktics	Cretaceous? arenaceous foraminifers
21385	Santa Rosa Hills	9311	8	SW corner of quad	83-F		has pollen	Late Cretaceous or Paleocene?
21386	Santa Rosa Hills	9311	9	SW corner of quad	83-F			Late Cretaceous or Paleocene?
21387	Santa Rosa Hills	9311	10	SW corner of quad	83-F		has pollen	Late Cretaceous or Paleocene?
21388	Santa Rosa Hills	9311	11	SW corner of quad	83-F			Late Cretaceous or Paleocene?

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
21389	Yorba Linda	9312		center of quad	155-I			middle and late Miocene Mohnian Stage
21390	McKittrick Summit	9315		center of quad	155-I	sa Pismo Beach		late Miocene Delmontian Stage
21391	Prado Dam	9315		Aliso Canyon	no slide			late Miocene Delmontian Stage
21392	McKittrick Summit	9316		center of quad	155-I	SLP indicates		late Miocene
21393	Prado Dam	9316		NW of Prado Dam	no slide			late Miocene
21394	Santa Barbara	9326	8	Gibralter Rd	85-H	ditto		Eocene
21395	Santa Barbara	9326	11	Gibralter Rd	85-H	ditto		Eocene
21396	Knob Hill	9352		SC part of map	no slide	assoc w diatomite	age from map	middle Miocene Luisian Stage
21397	Painted Rock	9357	1	NE corner of quad	no slide		age from map	early Miocene Saucesian or Relizian Stage
21398	Painted Rock	9357	2	NE corner of quad	no slide		age from map	middle and late Miocene lower? Mohnian Stage
21399	Painted Rock	9357	3	NE corner of quad	no slide		age from map	middle and late Miocene lower? Mohnian Stage
21400	Topanga	9357	7	Santa Ynez Cyn	85-H			Late Cretaceous arenaceous foraminifers and NP
21401	Topanga	9358	1	Trailer Canyon	81-I		NP age	Paleocene
21402	Topanga	9358	2	Trailer Canyon	81-I			Paleocene
21403	Topanga	9358	3	Trailer Canyon	81-I			Paleocene
21404	Topanga	9358	4	Trailer Canyon	81-I			Paleocene
21405	Topanga	9358	6	Trailer Canyon	81-I			Paleocene
21406	Topanga	9358	8	Trailer Canyon	81-I			Paleocene
21407	Topanga	9358	9	Trailer Canyon	81-I			Paleocene
21408	Topanga	9358	10	Trailer Canyon	81-I			Paleocene
21409	Topanga	9358	11	Trailer Canyon	81-I			Paleocene
21410	Topanga	9358	13	Trailer Canyon	81-I			Paleocene
21411	Topanga	9358	15	Trailer Canyon	81-I		NP age	late Paleocene
21412	Topanga	9358	20	Trailer Canyon	81-I			Paleocene
21413	Topanga	9358	22	Trailer Canyon	81-I			possibly late Paleocene E Zone
21414	Topanga	9358	23	Trailer Canyon	81-I			Paleocene
21415	Topanga	9358	25	Trailer Canyon	81-I			Paleocene
21416	Topanga	9358	26	Trailer Canyon	81-I			Paleocene
21417	Topanga	9358	27	Trailer Canyon	81-I			no paleo information
21418	Holland Canyon	9400		Hughes Canyon	142-E	reworked forams &	ostracods	Pliocene?
21419	Holland Canyon	9401		Holland Canyon	142-E	Orchard peak 15'	reworked	Pliocene?
21420	Santiago Creek	9404		SE part of quad	no slide	Discocyclina	age from map	Eocene
21421	Santiago Creek	9408		SE part of quad	no slide			Eocene
21422	Santiago Creek	9409		SE part of quad	no slide			Eocene?
21423	Santa Barbara	9455	2	Angostura Pass	85-H		NP age	early Eocene?
21424	Newport Beach	9456		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
21425	Newport Beach	9460		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
21426	Santiago Creek	9460		WC part of quad	no slide			Oligocene Zemorrian Stage
21427	Newport Beach	9461		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
21428	Newport Beach	9462		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
21429	Newport Beach	9463		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
21430	Newport Beach	9464		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
21431	Santiago Creek	9464		center of quad	no slide			Eocene?
21432	Santiago Creek	9465		center of quad	no slide			Eocene?
21433	Newport Beach	9466		SE part of quad	no slide		age from map	middle and late Miocene Mohnian Stage
21434	San Juan Capistrano	9467		NW part of quad	no slide			middle Miocene Luisian Stage
21435	Big Basin	9476		24/8S/3W	11-D		JC-471	early Miocene lower Saucesian Stage
21436	Caldwell Mesa	9477		Arroyo Seco	no slide	Nipomo 15'		middle Miocene Luisian Stage
21437	Caldwell Mesa	9478		Arroyo Seco	no slide	Nipomo 15'		middle Miocene Luisian Stage
21438	Caldwell Mesa	9479		Arroyo Seco	no slide	Nipomo 15'		middle Miocene Luisian Stage
21439	Huasna Peak	9483		NC part of quad	no slide	Nipomo 15'		middle Miocene Luisian Stage
21440	Solyo	9496		Hospital Creek	B-13	not on map		Late Cretaceous E Zone
21441	Mindego Hill	9499		Old Page Mill Road	169-D	28/7S/3W		Oligocene lower Zemorrian Stage
21442	Carrizo Mountain	9508	4	Coyote Mtns	85-I	has NP list	strat column	Pliocene
21443	Carrizo Mountain	9508	5	Coyote Mtns	85-I	has NP list	strat column	Pliocene
21444	Durmid	9514		SE part of quad	no slide			Pliocene
21445	Superstition Mountain	9519	5	On Superstition Mt	no slide	strat column	Imperial Fm	Pliocene or Pleistocene
21446	Arroyo Tapaido	9521	23	Fish Creek Wash	85-I	Carrizo Mtn 15'	NP ages	rare reworked Late Cretaceous NP
21447	Arroyo Tapaido	9521	24	Fish Creek Wash	85-I	Carrizo Mtn 15'	NP ages	rare reworked Late Cretaceous NP
21448	Arroyo Tapaido	9521	26	Fish Creek Wash	85-I	Carrizo Mtn 15'	NP ages	rare reworked Late Cretaceous NP
21449	Arroyo Tapaido	9521	29	Fish Creek Wash	85-I	Carrizo Mtn 15'	NP ages	rare reworked Late Cretaceous NP
21450	Borrego Mountain SE	9521	10	Split Mtn Gorge	85-I			Miocene
21451	Borrego Mountain SE	9521	11	Split Mtn Gorge	85-I			Miocene
21452	Borrego Mountain SE	9521	17	Split Mtn Gorge	85-I			Miocene
21453	Borrego Mountain SE	9521	20	Split Mtn Gorge	85-I			Miocene
21454	Carrizo Mountain NE	9521	3	Split Mtn area	no slide	Carrizo Mtn 15'	L Imperial Fm	late Miocene or Pliocene (NP age)
21455	Carrizo Mountain NE	9521	4	Split Mtn area	no slide	Carrizo Mtn 15'	L Imperial Fm	late Miocene or Pliocene (NP age)
21456	Carrizo Mountain NE	9521	7	Split Mtn area	no slide	Carrizo Mtn 15'	L Imperial Fm	late Miocene or Pliocene (NP age)
21457	Carrizo Mountain NE	9521	9	Split Mtn area	no slide	Carrizo Mtn 15'	U Imperial Fm	late Miocene or Pliocene (NP age)
21458	Carrizo Mountain NE	9521	10	Split Mtn area	no slide	Carrizo Mtn 15'	U Imperial Fm	late Miocene or Pliocene (NP age)
21459	Byron Hot Springs	9528		Camino Diablo	no slide	age from map		Eocene
21460	Lompoc Hills	9529	85	NC part of quad	86-I	#1-75 on map		middle and late Miocene upper Mohnian Stage
21461	Lompoc Hills	9529	86	NC part of quad	86-I	Lmpc Hills quarry		middle and late Miocene upper Mohnian Stage
21462	Lompoc Hills	9529	88	NC part of quad	86-I			middle and late Miocene upper Mohnian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
21463	Lompoc Hills	9529	89	NC part of quad	86-I			middle and late Miocene Mohnian Stage
21464	Lompoc Hills	9529	90	NC part of quad	86-I			middle and late Miocene Mohnian Stage
21465	Lompoc Hills	9529	107	NC part of quad	86-I			middle and late Miocene Mohnian Stage
21466	Lompoc Hills	9529	108	NC part of quad	86-I			middle and late Miocene Mohnian Stage
21467	Lompoc Hills	9529	109	NC part of quad	86-I			middle and late Miocene Mohnian Stage
21468	Lompoc Hills	9529	110	NC part of quad	86-I			middle and late Miocene Mohnian Stage
21469	Lompoc Hills	9529	111	NC part of quad	86-I			middle and late Miocene Mohnian Stage
21470	Lompoc Hills	9529	112	NC part of quad	86-I			middle and late Miocene Mohnian Stage
21471	Lompoc Hills	9529	113	NC part of quad	86-I			middle and late Miocene Mohnian Stage
21472	Lompoc Hills	9529	114	NC part of quad	86-I			middle and late Miocene Mohnian Stage
21473	Lompoc Hills	9529	115	NC part of quad	86-I			middle and late Miocene Mohnian Stage
21474	Lompoc Hills	9529	116	NC part of quad	86-I			middle and late Miocene Mohnian Stage
21475	Painted Rock	9530		NE part quad	155-K	Caliente Mtn 15'	age from map	middle and late Miocene Mohnian Stage
21476	Painted Rock	9531		NE part quad	155-K	Caliente Mtn 15'	age from map	middle and late Miocene lower Mohnian Stage
21477	Carrizo Mountain NE	9535	3	Red Rock Canyon	85-I	Carrizo Mtn 15'	strat column	late Miocene or Pliocene (NP age)
21478	Yorba Linda	9572	13	WC part of quad	85-K	not on map	strat section	middle and late Miocene upper Mohnian Stage
21479	Yorba Linda	9572	14	WC part of quad	85-K	not on map		middle and late Miocene upper Mohnian Stage
21480	Yorba Linda	9572	15	WC part of quad	85-K	not on map		middle and late Miocene upper Mohnian Stage
21481	Yorba Linda	9572	16	WC part of quad	85-K	not on map		middle and late Miocene upper Mohnian Stage
21482	Yorba Linda	9572	17	WC part of quad	85-K	not on map		middle and late Miocene upper Mohnian Stage
21483	Yorba Linda	9572	18	WC part of quad	85-K	not on map		middle and late Miocene upper Mohnian Stage
21484	Yorba Linda	9572	18A	WC part of quad	85-K	not on map		middle and late Miocene upper Mohnian Stage
21485	Yorba Linda	9572	18B	WC part of quad	85-K	not on map		middle and late Miocene upper Mohnian Stage
21486	Yorba Linda	9572	18C	WC part of quad	85-K	not on map		middle and late Miocene upper Mohnian Stage
21487	Yorba Linda	9572	19	WC part of quad	85-K	not on map		middle and late Miocene upper Mohnian Stage
21488	Yorba Linda	9572	20	WC part of quad	85-K	not on map		middle and late Miocene upper Mohnian Stage
21489	Yorba Linda	9572	21	WC part of quad	85-K	not on map		middle and late Miocene upper Mohnian Stage
21490	Yorba Linda	9572	22	WC part of quad	85-K	not on map		middle and late Miocene upper Mohnian Stage
21491	Yorba Linda	9572	23	WC part of quad	85-K	not on map		middle and late Miocene upper Mohnian Stage
21492	Newport Beach	9592		SC part of quad	no slide		age from map	late Miocene Delmontian Stage
21493	Huasna Peak	9596		NC part of quad	no slide	Nipomo 15'		middle Miocene Luisian Stage
21494	Santiago Creek	9601		Strat column and	70-F	Peculiar fauna with mostly new		Oligocene Zemorrian Stage
21495	Santiago Creek	9602		slides say Mt Abel	70-F	forms. Closest faunal similarity		Oligocene Zemorrian Stage
21496	Santiago Creek	9603		in Santiago Creek	70-F	is Cape Blanco Eocene, Oregon.		Oligocene Zemorrian Stage
21497	Santiago Creek	9604		EC part of quad	70-F	Zemorrian age shown on map.		Oligocene Zemorrian Stage
21498	Santiago Creek	9606		SE part of quad	70-F	Also has many ostracods. Picked		Oligocene Zemorrian Stage
21499	Santiago Creek	9607		SE part of quad	70-F	slides. Also have check list.		Oligocene Zemorrian Stage
21500	Santiago Creek	9609		SE part of quad	70-F	strat column		Oligocene Zemorrian Stage
21501	McKittrick Summit	9617		Temblor Ranch	157-B	picked slide		middle Miocene
21502	Carneros Rocks	9629		Chico Martinez Ck	157-B	9/29S/20E (SLP)	not on map	early Miocene lower Saucesian Stage
21503	Pleito Hills	9637		NE part of quad	no slide			middle Miocene
21504	Pleito Hills	9639		NE part of quad	no slide			early Miocene Relizian or Saucesian Stage
21505	Atascadero	9996	1	Graves Ck section	86-L	S Luis Obispo 15'	picked species	early Miocene upper Saucesian Stage
21506	Atascadero	9996	2	Graves Ck section	86-L	S Luis Obispo 15'	picked species	early Miocene upper Saucesian Stage
21507	Atascadero	9996	3	Graves Ck section	86-L	S Luis Obispo 15'	picked species	early Miocene upper Saucesian Stage
21508	Atascadero	9996	4	Graves Ck section	86-L	S Luis Obispo 15'	picked species	early Miocene upper Saucesian Stage
21509	Atascadero	9996	5	Graves Ck section	86-L	S Luis Obispo 15'	picked species	early Miocene upper Saucesian Stage
21510	Atascadero	9996	6	Graves Ck section	86-L	S Luis Obispo 15'	picked species	early Miocene upper Saucesian Stage
21511	Atascadero	9996	6A	Graves Ck section	86-L	S Luis Obispo 15'	picked species	early Miocene upper Saucesian Stage
21512	Atascadero	9996	7	Graves Ck section	86-L	S Luis Obispo 15'	picked species	early Miocene upper Saucesian Stage
21513	Atascadero	9996	7A	Graves Ck section	86-L	S Luis Obispo 15'	picked species	early Miocene upper Saucesian Stage
21514	Atascadero	9996	8	Graves Ck section	86-L	S Luis Obispo 15'	picked species	early Miocene upper Saucesian Stage
21515	Atascadero	9996	8A	Graves Ck section	86-L	S Luis Obispo 15'	picked species	early Miocene upper Saucesian Stage
21516	Atascadero	9996	9	Graves Ck section	86-L	S Luis Obispo 15'	picked species	early Miocene lower Relizian Stage
21517	Atascadero	9996	10	Graves Ck section	86-L	S Luis Obispo 15'	picked species	early Miocene lower Relizian Stage
21518	Atascadero	9996	11	Graves Ck section	86-L	S Luis Obispo 15'	picked species	early Miocene lower Relizian Stage
21519	Atascadero	9996	12	Graves Ck section	86-L	S Luis Obispo 15'	picked species	early Miocene lower Relizian Stage
21520	Atascadero	9996	13	Graves Ck section	86-L	S Luis Obispo 15'	picked species	early Miocene upper Relizian Stage
21521	Bryson	9999	10	NC part of quad	86-L			middle Miocene Luisian Stage
21522	Bryson	9999	11	NC part of quad	86-L			middle Miocene Luisian Stage
21523	Bryson	9999	12	NC part of quad	86-L			middle Miocene Luisian Stage
21524	Bryson	9999	13	NC part of quad	86-L			middle Miocene Luisian Stage
21525	Cabazon	10025	1	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm	Pliocene
21526	Cabazon	10025	1A	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm	Pliocene
21527	Cabazon	10025	2	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm	Pliocene
21528	Cabazon	10025	3	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm	Pliocene
21529	Cabazon	10025	4	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm	Pliocene
21530	Cabazon	10025	5	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm	Pliocene
21531	Cabazon	10025	5A	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm	Pliocene
21532	Desert Hot Springs	10026	1	Painted Hill	22-D	Palm Springs 15'	Imperial Fm	Pliocene
21533	Desert Hot Springs	10026	3	Painted Hill	22-D	Palm Springs 15'	Imperial Fm	Pliocene
21534	Desert Hot Springs	10026	5	Painted Hill	22-D	Palm Springs 15'	Imperial Fm	Pliocene
21535	Desert Hot Springs	10026	6	Painted Hill	22-D	Palm Springs 15'	Imperial Fm	Pliocene
21536	Desert Hot Springs	10026	7	Painted Hill	22-D	Palm Springs 15'	Imperial Fm	Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
21537	Desert Hot Springs	10026	9	Painted Hill	22-D	Palm Springs 15'	Imperial Fm	Pliocene
21538	Desert Hot Springs	10026	11	Painted Hill	22-D	Palm Springs 15'	Imperial Fm	Pliocene
21539	Desert Hot Springs	10026	12	Painted Hill	22-D	Palm Springs 15'	Imperial Fm	Pliocene
21540	White Water	10026	10	Painted Hill	22-D	Palm Springs 15'	Imperial Fm	Pliocene
21541	Desert Hot Springs	10027	4	E of Garnet Station	22-D	Palm Springs 15'	Imperial Fm	Pliocene
21542	Rabbit Peak	10028	1	SE part of quad	22-D	Rabbit Peak 15'	Imperial Fm	Miocene
21543	Rabbit Peak	10028	5	SE part of quad	22-D	Rabbit Peak 15'	Imperial Fm	Miocene
21544	Rabbit Peak	10028	6	SE part of quad	22-D	Rabbit Peak 15'	Imperial Fm	Miocene
21545	Myoma	10030	1	NW part of quad	no slide			Pliocene
21546	Myoma	10030	2	NW part of quad	no slide			Pliocene
21547	Myoma	10030	3	NW part of quad	no slide			Pliocene
21548	Myoma	10030	4	NW part of quad	no slide			Pliocene
21549	Myoma	10030	5	NW part of quad	no slide			Pliocene
21550	Hornbrook	10038		NW corner of quad	no slide	Hornbrook 15'	age from map	Late Cretaceous F-1 Zone
21551	San Dimas	10057		center of quad	86-J		siliceous flora	middle and late Miocene Mohnian? Stage
21552	Fonts Point	10125	1	NE corner of quad	87-A	Rabbit Peak 15'	prob Imperial	Miocene
21553	Fonts Point	10125	2	NE corner of quad	87-A	Rabbit Peak 15'	prob Imperial	Miocene
21554	Fonts Point	10125	4	NE corner of quad	87-A	Rabbit Peak 15'	prob Imperial	Miocene
21555	Fonts Point	10125	5	NE corner of quad	87-A	Rabbit Peak 15'	prob Imperial	Miocene
21556	Seventeen Palms	10128	1	NW part of quad	87-B	Rabbit Peak 15'	prob Imperial	Miocene
21557	Seventeen Palms	10128	2	NW part of quad	87-B	Rabbit Peak 15'	prob Imperial	Miocene
21558	Oasis	10132	1	SW part of quad	87-B	Rabbit Peak 15'	prob Imperial	Pliocene
21559	Oasis	10132	2	SW part of quad	87-B	Rabbit Peak 15'	prob Imperial	Pliocene
21560	Oasis	10132	3	SW part of quad	87-B	Rabbit Peak 15'	prob Imperial	Pliocene
21561	Sehorn Creek	10365	1	Burris Creek	113-F	Flournoy 15'	3/22N/5W	Early Cretaceous J Zone
21562	Sehorn Creek	10365	2AB	Burris Creek	113-F	Flournoy 15'	3/22N/5W	Early Cretaceous J Zone
21563	Sehorn Creek	10365	3	Burris Creek	113-F	Flournoy 15'	3/22N/5W	Early Cretaceous J Zone
21564	Sehorn Creek?	10367	1	not on map	113-F	Flournoy 15'	22/22N/5W	Early Cretaceous J Zone
21565	Sehorn Creek?	10367	2	not on map	113-F	Flournoy 15'	22/22N/5W	Early Cretaceous J Zone
21566	Logan Ridge	10369	2	NE part of quad	113-F	Lodoga 15'	27/19N/4W	Late Cretaceous F or G Zone
21567	Logan Ridge	10369	3	NE part of quad	113-F	Lodoga 15'	27/19N/4W	Late Cretaceous F or G Zone
21568	Rail Canyon	10369	2	NE part of quad	113-F	Lodoga 15'		Late Cretaceous F-1 or G-1 Zone
21569	Rail Canyon	10369	3	NE part of quad	113-F	Lodoga 15'		Late Cretaceous F-1 or G-1 Zone
21570	Manor Slough	10370	1	NE part of quad	113-F	Wilbur Springs 15'	23/16N/4W	Late Cretaceous arenaceous foraminifers
21571	Elkhorn Hills	10375	1	NE part of quad	139-I		age from lab	early Eocene C Zone
21572	Garza Peak	11000	S-88	30/23S/17E	no slide		not on map	Late Cretaceous G-1 Zone
21573	Garza Peak	11000	S-154	23/23S/16E	no slide		not on map	Late Cretaceous G-1 or G-2 Zone
21574	Garza Peak	11000	S-41	18/23S/17E	no slide		not on map	Late Cretaceous F to H Zone
21575	Tranquillon Mountain	11000		NC part of quad	79-H	flood planktics	Anita shale	middle Eocene A-2 Zone
21576	Kettleman Plain	11001	S-230	Lovel Canyon	146-C		picked slide	Late Cretaceous E Zone
21577	Lompoc Hills	11001	A	Jaro Creek	79-H			early or middle Eocene
21578	Lompoc Hills	11001	B	Jaro Creek	79-H			early or middle Eocene
21579	Lompoc Hills	11002		EC part of quad	79-H			early or middle Eocene
21580	Tent Hills	11002	T-31a	Lovel Canyon	no slide			Late Cretaceous G-1 Zone
21581	Kettleman Plain	11003	S-231	Lovel Canyon	146-C		picked slide	Late Cretaceous C Zone
21582	Santa Rosa Hills	11003		EC part of quad	79-H			middle or late Eocene A Zone
21583	Kettleman Plain	11004	S-232	Lovel Canyon	146-C		picked slide	Late Cretaceous C Zone
21584	Los Alamos	11004		SW corner of quad	79-H	Lompoc 15'		middle Miocene Luisian Stage
21585	Santa Rosa Hills	11005		NW part of quad	79-H		area N	late Miocene
21586	Tent Hills	11005	T-27	Lovel Canyon	146-C		picked slide	Late Cretaceous G-1 Zone
21587	Santa Ynez	11006		Santa Ynez River	164-N	Los Olivos 15'	area N	middle and late Miocene upper Mohnian Stage
21588	Tent Hills	11006	T-2136	EC part of quad	no slide			Late Cretaceous G-2 Zone
21589	Tar Springs Ridge	11009		SW part of quad	79-H	Nipomo 15'	area N	early Miocene Relizian Stage
21590	Tar Springs Ridge	11011		SW part of quad	79-H	Nipomo 15'	area N	middle Miocene Luisian Stage
21591	Tar Springs Ridge	11012		SW part of quad	79-H	Nipomo 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
21592	Tar Springs Ridge	11014		SW part of quad	79-H	Nipomo 15'		early or middle Miocene Relizian or Luisian Stage
21593	Arroyo Grande NE	11016		EC part of quad	79-H	Arroyo Grande 15'	Obispo tuff	probably early Miocene Relizian Stage
21594	Arroyo Grande NE	11019		Round Top area	79-H	Arroyo Grande 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
21595	Arroyo Grande NE	11019	RW	Round Top area	79-H	Arroyo Grande 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
21596	Arroyo Grande NE	11020		Round Top area	79-H	Arroyo Grande 15'		early Miocene Relizian Stage
21597	Arroyo Grande NE	11021		Round Top area	79-H	Arroyo Grande 15'		possibly early Miocene
21598	Arroyo Grande NE	11022		Round Top area	79-H	Arroyo Grande 15'		early Miocene Relizian Stage
21599	Lopez Mountain	11026	2	NE of Lopez Mtn	79-H	S Luis Obispo 15'		middle Miocene Luisian Stage
21600	Lopez Mountain	11026	3	NE of Lopez Mtn	79-H	S Luis Obispo 15'		middle Miocene Luisian Stage
21601	Lopez Mountain	11027		NE of Lopez Mtn	79-H	S Luis Obispo 15'		early Miocene Relizian Stage
21602	Lopez Mountain	11030		N of Black Butte	79-H	S Luis Obispo 15'		early Miocene Relizian Stage
21603	Lopez Mountain	11031		N of Black Butte	79-H	S Luis Obispo 15'		middle Miocene probably Luisian Stage
21604	Lopez Mountain?	11032		not on map	79-H	S Luis Obispo 15'		early Miocene Saucesian or Relizian Stage
21605	San Luis Obispo	11032		NE part of quad	79-H	S Luis Obispo 15'		early Miocene Saucesian or Relizian Stage
21606	Santa Margarita Lake	11035		SW corner of quad	79-H	Pozo 15'		early Miocene Relizian Stage
21607	Santa Margarita Lake	11036		SW corner of quad	79-H	Pozo 15'		early Miocene Saucesian? Stage
21608	Santa Margarita Lake	11037		SW corner of quad	79-H	Pozo 15'		early Miocene Saucesian? Stage
21609	Zaca Lake	11041		Lookout Mountain	79-H	Tepusquet Pk 15'		early Miocene Saucesian Stage
21610	Figueroa Mountain	11042		Redrock Mine	79-H			early Miocene Relizian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
21611	Figueroa Mountain	11044		Ranger Peak	79-H			probably middle Miocene Luisian Stage
21612	Lopez Mountain	11045		SW part of quad	79-I	S Luis Obispo 15'		probably early Miocene Saucesian Stage
21613	Lopez Mountain?	11046		not on map	79-I	S Luis Obispo 15'		early Miocene Saucesian Stage
21614	Lopez Mountain	11047		SW part of quad	79-I	S Luis Obispo 15'		Miocene
21615	San Luis Obispo	11048		S of Cuesta Pass	79-I	S Luis Obispo 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
21616	Tranquillon Mountain	11049		N of Honda Creek	79-I	Honda fault		middle Miocene
21617	Tranquillon Mountain	11050		Miguelito Road	79-I			middle Eocene A-2 Zone
21618	Tranquillon Mountain	11050	RS	Miguelito Road	79-I	also has # 11367		middle Eocene A-2 Zone
21619	Mindego Hill	11051		SW part of quad	141-C	8/8S/3W	abun Sipho	Oligocene lower Zemorrian Stage
21620	Mindego Hill?	11052		S Cruz Mtns	141-C	not on map	abun Sipho	Oligocene lower Zemorrian Stage
21621	Simmler	11064	3	NE corner of quad	no slide			middle and late Miocene Mohnian or Delmontian Stage
21622	Simmler	11066	4	NE corner of quad	no slide			middle and late Miocene Mohnian or Delmontian Stage
21623	Las Yeguas Ranch	11068		SE corner of quad	249-D			Paleocene
21624	Las Yeguas Ranch	11069		SE corner of quad	249-D			Paleocene
21625	Tranquillon Mountain	11070		Water Canyon	79-I	Point Arguello 15'		early Eocene D Zone or late Paleocene E Zone
21626	Tranquillon Mountain	11070	RS	Water Canyon	79-I	Point Arguello 15'		early Eocene D Zone or late Paleocene E Zone
21627	Tranquillon Mountain	11071		Water Canyon	79-I	Point Arguello 15'		early Eocene D Zone or late Paleocene E Zone
21628	Tranquillon Mountain	11072		Water Canyon	79-I	Point Arguello 15'		early or middle Eocene
21629	Tranquillon Mountain	11073		Water Canyon	79-I	Point Arguello 15'	planktics com	late Eocene A-1 Zone
21630	Tranquillon Mountain	11074		Water Canyon	79-I	Point Arguello 15'		Late Cretaceous F-1 Zone
21631	Tranquillon Mountain	11075		NE of Tranq. Mtn	79-I	Point Arguello 15'		middle or late Eocene A Zone
21632	Tranquillon Mountain	11076		N of Honda Creek	79-I	Point Arguello 15'		middle or late Eocene A Zone
21633	Tranquillon Mountain	11080		center of quad	79-I	Point Arguello 15'		probably early Miocene Relizian Stage
21634	Tranquillon Mountain	11081		center of quad	79-I	Point Arguello 15'		early Miocene Relizian Stage
21635	Tranquillon Mountain	11082		EC part of quad	79-I	Point Arguello 15'	rubber casts	middle or late Eocene A Zone
21636	Tranquillon Mountain	11083		not on map	79-I	Point Arguello 15'	rubber casts	middle or late Eocene A Zone
21637	Tranquillon Mountain	11085	1	EC part of quad	79-I	Point Arguello 15'		late Eocene A-1 Zone
21638	Cosio Knob	11086	A	NW part of quad	74-D	King City 15'		early Miocene Relizian Stage
21639	Cosio Knob	11086	B	NW part of quad	74-D	King City 15'		early Miocene Relizian Stage
21640	Mount Vaca	11100		Vaca Valley	88-N		good fauna	late Paleocene E Zone
21641	Mount Vaca	11101		Vaca Valley	88-N			late Paleocene E Zone
21642	Mount Vaca	11102		Vaca Valley	88-N			? Paleocene
21643	Mount Vaca	11103		Vaca Valley	88-N			Late Cretaceous ?
21644	Mount Vaca	11104		Vaca Valley	88-N			late Paleocene E Zone
21645	Mount Vaca	11105		Vaca Valley	88-N			late Paleocene E? Zone
21646	Mount Vaca	11106		Vaca Valley	88-N			early Eocene D Zone
21647	Mount Vaca	11108		Vaca Valley	88-N			Eocene B Zone
21648	Olinda	11110	2	Clear Creek	151-N	for strat column	strat column	Early Cretaceous J-2 Zone
21649	Olinda	11110	2RS	Clear Creek	151-N	see lot # 750	strat column	Early Cretaceous J-2 Zone
21650	Olinda	11110	3	Clear Creek	151-N	Anderson 15'	strat column	Early Cretaceous J-2 Zone
21651	Olinda	11110	4	Clear Creek	151-N	Anderson 15'	strat column	Early Cretaceous J-2 Zone
21652	Olinda	11110	5	Clear Creek	151-N	Anderson 15'	strat column	Early Cretaceous J-2 Zone
21653	Olinda	11110	6	Clear Creek	151-N	Anderson 15'	strat column	Early Cretaceous J-2 Zone
21654	Olinda	11110	6ARS	Clear Creek	151-N	Anderson 15'	strat column	Early Cretaceous J-2 Zone
21655	Olinda	11110	6BRS	Clear Creek	151-N	Anderson 15'	strat column	Early Cretaceous J-2 Zone
21656	Olinda	11110	6CRS	Clear Creek	151-N	Anderson 15'	strat column	Early Cretaceous J-2 Zone
21657	Olinda	11110	6DRS	Clear Creek	151-N	Anderson 15'	strat column	Early Cretaceous J-2 Zone
21658	Olinda	11110	7ARS	Clear Creek	151-N	Anderson 15'	strat column	Early Cretaceous J-2 Zone
21659	Olinda	11110	7BRS	Clear Creek	151-N	Anderson 15'	strat column	Early Cretaceous J-2 Zone
21660	Olinda	11110	7CRS	Clear Creek	151-N	Anderson 15'	strat column	Early Cretaceous J-2 Zone
21661	Olinda	11110	7DTS	Clear Creek	151-N	Anderson 15'	strat column	Early Cretaceous J-2 Zone
21662	Olinda	11110	7ERS	Clear Creek	151-N	Anderson 15'	strat column	Early Cretaceous J-2 Zone
21663	Olinda	11110	7	Clear Creek	151-N	Anderson 15'	strat column	Early Cretaceous J-2 Zone
21664	Olinda	11110	8	Clear Creek	151-N	Anderson 15'	strat column	Early Cretaceous J-2 Zone
21665	Olinda	11110	8ARS	Clear Creek	151-N	Anderson 15'	strat column	Early Cretaceous J-2 Zone
21666	Olinda	11110	8BRS	Clear Creek	151-N	Anderson 15'	strat column	Early Cretaceous J-2 Zone
21667	Olinda	11110	8CRS	Clear Creek	151-N	Anderson 15'	strat column	Early Cretaceous J-2 Zone
21668	Olinda	11110	8DRS	Clear Creek	151-N	Anderson 15'	strat column	Early Cretaceous J-2 Zone
21669	Redding	11110	9	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21670	Redding	11110	10	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21671	Redding	11110	11	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21672	Redding	11110	12	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21673	Redding	11110	13	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21674	Redding	11110	14	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21675	Redding	11110	15	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21676	Olinda	11110	17	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21677	Olinda	11110	19	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21678	Olinda	11110	20	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21679	Olinda	11110	21	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21680	Olinda	11110	22	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21681	Olinda	11110	23	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21682	Olinda	11110	24	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21683	Olinda	11110	25	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21684	Olinda	11110	26	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
21685	Olinda	11110	27	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21686	Olinda	11110	28	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21687	Olinda	11110	29	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21688	Olinda	11110	30	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21689	Olinda	11110	31	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21690	Olinda	11110	32	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21691	Olinda	11110	37	Clear Creek	151-N	Anderson 15'	strat column	Late Cretaceous H Zone
21692	Clough Gulch	11111	4	Cow Creek	152-N	Millville 15'		Late Cretaceous G-1 Zone
21693	Clough Gulch	11111	5	Cow Creek	152-N	Millville 15'		Late Cretaceous G-1 Zone
21694	Clough Gulch	11111	6	Cow Creek	152-N	Millville 15'		Late Cretaceous G-1 Zone
21695	Clough Gulch	11111	7	Cow Creek	152-N	Millville 15'		Late Cretaceous G-1 Zone
21696	Clough Gulch	11111	8	Cow Creek	152-N	Millville 15'		Late Cretaceous G-1 Zone
21697	Clough Gulch	11111	9	Cow Creek	152-N	Millville 15'		Late Cretaceous arenaceous foraminifers
21698	Clough Gulch	11111	13	Cow Creek	152-N	Millville 15'		Late Cretaceous G-1 Zone
21699	Clough Gulch	11111	15	Cow Creek	152-N	Millville 15'		Late Cretaceous G-1 Zone
21700	Clough Gulch	11111	16	Cow Creek	152-N	Millville 15'		Late Cretaceous G-1 Zone
21701	Clough Gulch	11111	17-1	Cow Creek	152-N	Millville 15'		Late Cretaceous arenaceous foraminifers
21702	Clough Gulch	11111	17-2	Cow Creek	152-N	Millville 15'		Late Cretaceous arenaceous foraminifers
21703	Clough Gulch	11111	18	Cow Creek	152-N	Millville 15'		Late Cretaceous G-1 Zone
21704	Clough Gulch	11111	18-1	Cow Creek	152-N	Millville 15'		Late Cretaceous arenaceous foraminifers
21705	Clough Gulch	11111	18-2	Cow Creek	152-N	Millville 15'		Late Cretaceous G-1 Zone
21706	Clough Gulch	11111	18-3	Cow Creek	152-N	Millville 15'		Late Cretaceous G-1 Zone
21707	Clough Gulch	11111	18-4	Cow Creek	152-N	Millville 15'		Late Cretaceous G-1 Zone
21708	Clough Gulch	11111	18-5	Cow Creek	152-N	Millville 15'		Late Cretaceous G-1 Zone
21709	Clough Gulch	11111	18-6	Cow Creek	152-N	Millville 15'		Late Cretaceous G-1 Zone
21710	Clough Gulch	11111	18-10	Cow Creek	152-N	Millville 15'		Late Cretaceous G-1 Zone
21711	Clough Gulch	11111	18-11	Cow Creek	152-N	Millville 15'		Late Cretaceous G-1 Zone
21712	Clough Gulch	11111	18-12	Cow Creek	152-N	Millville 15'		Late Cretaceous G-1 Zone
21713	Clough Gulch	11111	18-13	Cow Creek	152-N	Millville 15'		Late Cretaceous G-1 Zone
21714	Clough Gulch	11111	18-14	Cow Creek	152-N	Millville 15'	area B	Late Cretaceous G-1 Zone
21715	Clough Gulch	11111	20	Cow Creek	152-N	not on map		Late Cretaceous G-1 Zone
21716	Ono East	11112	1	East of Ono	148-N	Ono 15'	area C-8	Early Cretaceous K Zone
21717	Ono East	11112	2	East of Ono	148-N	Ono 15'		Early Cretaceous arenaceous foraminifers
21718	Olinda	11113	1	Clear Creek	148-N	Anderson 15'	not on map	Late Cretaceous H Zone
21719	Wilbur Springs	11116	1	Bear Creek	151-E	Wilbur Springs 15'		Early Cretaceous K or L Zone
21720	Wilbur Springs	11116	2	Bear Creek	151-E	Wilbur Springs 15'		Early Cretaceous K or L Zone
21721	Wilbur Springs	11116	3	Bear Creek	151-E	Wilbur Springs 15'		Early Cretaceous K or L Zone
21722	Bella Vista	11117	2	Woodmans Hill	151-E	Millville 15'	not on map	Late Cretaceous arenaceous foraminifers
21723	Bella Vista	11117	3	25/33N/3W	151-E	Millville 15'	not on map	Late Cretaceous arenaceous foraminifers
21724	Bella Vista	11117	4	Woodmans Hill	151-E	Millville 15'	not on map	Late Cretaceous arenaceous foraminifers
21725	Cottonwood Peak	11118	2	S of Hilt	151-E	Hornbrook 15'		Late Cretaceous F-1 Zone
21726	Cottonwood Peak	11118	2RW	S of Hilt	151-E	Hornbrook 15'		Late Cretaceous G-2 Zone
21727	Hornbrook	11118		NW corner of quad		Hornbrook 15'		probably Late Cretaceous F-1 Zone
21728	Oak Run	11119	1	Clover Creek	151-E	Millville 15'	not on map	Late Cretaceous G-1 Zone
21729	Rumsey	11120	2	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21730	Rumsey	11120	3	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21731	Rumsey	11120	4P	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21732	Rumsey	11120	5P	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21733	Rumsey	11120	6P	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21734	Rumsey	11120	7P	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21735	Rumsey	11120	8P	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21736	Rumsey	11120	9P	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21737	Rumsey	11120	10P	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21738	Rumsey	11120	11P	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21739	Rumsey	11120	12P	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21740	Rumsey	11121	1	SE part of quad	151-E	Guinda 15'		Late Cretaceous F-1 Zone
21741	Rumsey	11121	2	SE part of quad	151-E	Guinda 15'		Late Cretaceous F-1 Zone
21742	Rumsey	11121	3	SE part of quad	151-E	Guinda 15'		Late Cretaceous F-1 Zone
21743	Ono	11125	3	NF Cottonwood Ck	151-H			Late Cretaceous J-1 Zone
21744	Olinda?	11126		Dry Creek	151-H			Late Cretaceous H Zone (Turonian)
21745	Guinda	11135	2	Mushoak Creek	151-F	area D-9	strat column	Late Cretaceous F-1 Zone
21746	Guinda	11135	4	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21747	Guinda	11135	5	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21748	Guinda	11135	6	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21749	Guinda	11135	7	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21750	Guinda	11135	8	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21751	Guinda	11135	9	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21752	Guinda	11135	10	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21753	Guinda	11135	11	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21754	Guinda	11135	12	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21755	Guinda	11135	13	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21756	Guinda	11135	14	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21757	Guinda	11135	15	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21758	Guinda	11135	16	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
21759	Guinda	11135	17	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21760	Guinda	11135	18	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21761	Guinda	11135	19	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21762	Guinda	11135	20	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21763	Guinda	11135	21	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21764	Guinda	11135	22	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21765	Guinda	11135	23	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21766	Guinda	11135	24	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21767	Guinda	11135	25	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21768	Guinda	11135	26	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21769	Guinda	11135	27	Mushoak Creek	151-F	Guinda 15'	strat column	Late Cretaceous G-1 Zone
21770	Rumsey	11136	1	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21771	Rumsey	11136	2	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21772	Rumsey	11136	3	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21773	Rumsey	11136	5	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21774	Rumsey	11136	6	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21775	Rumsey	11136	7	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21776	Rumsey	11136	8	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21777	Rumsey	11136	9	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21778	Rumsey	11136	10	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21779	Rumsey	11136	11	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21780	Rumsey	11136	12	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21781	Rumsey	11136	13	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21782	Rumsey	11136	14	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21783	Rumsey	11136	15	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21784	Rumsey	11136	16	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21785	Rumsey	11136	17	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21786	Rumsey	11136	18	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21787	Rumsey	11136	19	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21788	Rumsey	11136	20	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21789	Rumsey	11136	21	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21790	Rumsey	11136	22	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21791	Rumsey	11136	23	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21792	Rumsey	11136	24	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21793	Rumsey	11136	25	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21794	Rumsey	11136	26	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21795	Rumsey	11136	27	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21796	Rumsey	11136	28	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21797	Rumsey	11136	29	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21798	Rumsey	11136	30	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21799	Rumsey	11136	31	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21800	Rumsey	11136	32	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-2 or G-1 Zone
21801	Rumsey	11136	33	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-2 or G-1 Zone
21802	Rumsey	11136	34	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous F-2 or G-1 Zone
21803	Rumsey	11136	35	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous G-1 Zone
21804	Rumsey	11136	36	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous G-1 Zone
21805	Rumsey	11136	37	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous G-1 Zone
21806	Rumsey	11136	38	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous G-1 Zone
21807	Rumsey	11136	39	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous G-1 Zone
21808	Rumsey	11136	40	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous G-1 Zone
21809	Rumsey	11136	41	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous G-1 Zone
21810	Rumsey	11136	42	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous G-1 Zone
21811	Rumsey	11136	43	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous G-1 Zone
21812	Rumsey	11136	44	Salt Creek	151-G	Guinda 15'	strat column	Late Cretaceous G-1 Zone
21813	Salt Canyon	11136		NW part of quad	151-G	dupe in Rumsey	strat column	see Rumsey Quad
21814	Rumsey	11137	5	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F Zone
21815	Rumsey	11137	6	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F Zone
21816	Rumsey	11137	7	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F Zone
21817	Rumsey	11137	8	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F Zone
21818	Rumsey	11137	9	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F Zone
21819	Rumsey	11137	10	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F Zone
21820	Rumsey	11137	11	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F Zone
21821	Rumsey	11137	12	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F Zone
21822	Rumsey	11137	13	Petroleum Creek	151-E	Guinda 15'	strat column	Late Cretaceous F Zone
21823	Rumsey	11137	14	Petroleum Creek	151-F	Guinda 15'	strat column	Late Cretaceous F Zone
21824	Rumsey	11137	16	Petroleum Creek	151-F	Guinda 15'	strat column	Late Cretaceous F Zone
21825	Rumsey	11137	17	Petroleum Creek	151-F	Guinda 15'	strat column	Late Cretaceous F Zone
21826	Rumsey	11137	18	Petroleum Creek	151-F	Guinda 15'	strat column	Late Cretaceous F Zone
21827	Rumsey	11137	19	Petroleum Creek	151-F	Guinda 15'	strat column	Late Cretaceous F Zone
21828	Rumsey	11137	20	Petroleum Creek	151-F	Guinda 15'	strat column	Late Cretaceous F Zone
21829	Rumsey	11137	21	Petroleum Creek	151-F	Guinda 15'	strat column	Late Cretaceous F Zone
21830	Rumsey	11137	22	Petroleum Creek	151-F	Guinda 15'	strat column	Late Cretaceous F Zone
21831	Rumsey	11137	23	Petroleum Creek	151-F	Guinda 15'	strat column	Late Cretaceous F Zone
21832	Rumsey	11137	24	Petroleum Creek	151-F	Guinda 15'	strat column	Late Cretaceous F Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
21833	Rumsey	11138	13	Petroleum Creek	151-J	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21834	Rumsey	11138	14	Petroleum Creek	151-J	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21835	Rumsey	11138	15	Petroleum Creek	151-J	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21836	Rumsey	11138	16	Petroleum Creek	151-J	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21837	Rumsey	11138	17	Petroleum Creek	151-J	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21838	Rumsey	11138	18	Petroleum Creek	151-J	Guinda 15'	strat column	Late Cretaceous F-1 Zone
21839	Rumsey	11138	19	Petroleum Creek	151-J	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21840	Rumsey	11138	20	Petroleum Creek	151-J	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21841	Rumsey	11138	21	Petroleum Creek	151-J	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21842	Rumsey	11138	22	Petroleum Creek	151-J	Guinda 15'	strat column	Late Cretaceous F-2 Zone
21843	Rumsey	11138	23	Petroleum Creek	151-J	Guinda 15'	strat column	Late Cretaceous G-1 Zone
21844	Rumsey	11138	24	Petroleum Creek	151-J	Guinda 15'	strat column	Late Cretaceous G-1 Zone
21845	Rumsey	11138	25	Petroleum Creek	151-J	Guinda 15'	strat column	Late Cretaceous G-1 Zone
21846	Rumsey	11138	26	Petroleum Creek	151-J	Guinda 15'	strat column	Late Cretaceous G-1 Zone
21847	Rumsey	11138	27	Petroleum Creek	151-J	Guinda 15'	strat column	Late Cretaceous G-1 Zone
21848	Rumsey	11138	28	Petroleum Creek	151-J	Guinda 15'	strat column	Late Cretaceous G-1 Zone
21849	Rumsey	11138	29	Petroleum Creek	151-J	Guinda 15'	strat column	Late Cretaceous G-1 Zone
21850	Rumsey	11138	30	Petroleum Creek	151-J	Guinda 15'	strat column	Late Cretaceous G-1 Zone
21851	Guinda	11139	20	Buckeye Creek	151-G	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21852	Guinda	11139	21	Buckeye Creek	151-G	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21853	Guinda	11139	22	Buckeye Creek	151-G	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21854	Rumsey	11139	1	Buckeye Creek	151-F	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21855	Rumsey	11139	2	Buckeye Creek	151-F	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21856	Rumsey	11139	3	Buckeye Creek	151-F	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21857	Rumsey	11139	5	Buckeye Creek	151-F	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21858	Rumsey	11139	6	Buckeye Creek	151-F	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21859	Rumsey	11139	7	Buckeye Creek	151-F	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21860	Rumsey	11139	8	Buckeye Creek	151-F	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21861	Rumsey	11139	9	Buckeye Creek	151-F	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21862	Rumsey	11139	10	Buckeye Creek	151-F	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21863	Rumsey	11139	11	Buckeye Creek	151-F	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21864	Rumsey	11139	12	Buckeye Creek	151-F	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21865	Rumsey	11139	13	Buckeye Creek	151-F	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21866	Rumsey	11139	15	Buckeye Creek	151-F	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21867	Rumsey	11139	18	Buckeye Creek	151-F	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21868	Rumsey	11139	19	Buckeye Creek	151-G	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21869	Rumsey	11139	19	Buckeye Creek	151-G	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21870	Rumsey	11139	23	Buckeye Creek	151-G	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21871	Rumsey	11139	24	Buckeye Creek	151-G	Guinda 15'	strat column	Late Cretaceous arenaceous foraminifers
21872	Clough Gulch?	11140	1	Clover Creek	151-J	Millville 15'	Not on map	Late Cretaceous G-1 Zone
21873	Clough Gulch?	11140	2	Clover Creek	151-J	Millville 15'	Not on map	Late Cretaceous G-1 Zone
21874	Clough Gulch?	11140	3	Clover Creek	151-J	Millville 15'	Not on map	Late Cretaceous G-1 Zone
21875	Clough Gulch?	11140	4	Clover Creek	151-J	Millville 15'	Not on map	Late Cretaceous G-1 Zone
21876	Clough Gulch?	11140	5	Clover Creek	151-J	Millville 15'	Not on map	Late Cretaceous G-1 Zone
21877	Clough Gulch?	11140	6	Clover Creek	151-J	Millville 15'	Not on map	Late Cretaceous G-1 Zone
21878	Clough Gulch?	11140	7	Clover Creek	151-J	Millville 15'	Not on map	Late Cretaceous G-1 Zone
21879	Clough Gulch?	11140	8	Clover Creek	151-J	Millville 15'	Not on map	Late Cretaceous G-1 Zone
21880	Clough Gulch?	11140	9	Clover Creek	151-J	Millville 15'	Not on map	Late Cretaceous G-1 Zone
21881	Clough Gulch?	11140	10	Clover Creek	151-J	Millville 15'	Not on map	Late Cretaceous G-1 Zone
21882	Clough Gulch?	11140	11	Clover Creek	151-J	Millville 15'	Not on map	Late Cretaceous G-1 Zone
21883	Clough Gulch?	11140	12	Clover Creek	151-J	Millville 15'	Not on map	Late Cretaceous G-1 Zone
21884	Oak Run?	11145	11-1	Dry Creek	151-J	Millville 15'	not on map	Late Cretaceous arenaceous foraminifers
21885	Oak Run?	11145	11-2	Dry Creek	151-J	Millville 15'	not on map	Late Cretaceous arenaceous foraminifers
21886	Bird Valley	11146	10	Salt Creek	152-G	Guinda 15'	Not on map	Late Cretaceous H Zone
21887	Bird Valley	11146	11	Salt Creek	152-G	Guinda 15'	Not on map	Late Cretaceous H Zone
21888	Bird Valley	11146	12	Salt Creek	152-G	Guinda 15'	Not on map	Late Cretaceous H Zone
21889	Bird Valley	11146	13	Salt Creek	152-G	Guinda 15'	Not on map	Late Cretaceous H Zone
21890	Bird Valley	11146	15	Salt Creek	152-G	Guinda 15'	Not on map	Late Cretaceous H Zone
21891	Bird Valley	11146	16	Salt Creek	152-G	Guinda 15'	Not on map	Late Cretaceous H Zone
21892	Bird Valley	11146	17	Salt Creek	152-G	Guinda 15'	Not on map	Late Cretaceous H Zone
21893	Bird Valley	11146	18	Salt Creek	152-G	Guinda 15'	Not on map	Late Cretaceous H Zone
21894	Bird Valley	11146	19	Salt Creek	152-G	Guinda 15'	Not on map	Late Cretaceous H Zone
21895	Bird Valley	11146	20	Salt Creek	152-G	Guinda 15'	Not on map	Late Cretaceous H Zone
21896	Redding?	11147		Brush Ranch	151-J	not onmap	Globotruncana	Late Cretaceous H Zone (Turonian)
21897	Half Moon Bay	11152		not on map	27-M	28/5S/5W (SLP)	SLURP age	middle Miocene Luisian Stage
21898	Cordelia?	11153	1	not on map	169-N			Early Cretaceous J-2 Zone
21899	Cordelia?	11153	2	not on map	169-N			Early Cretaceous J-2 Zone
21900	Cordelia?	11153	3	not on map	169-N			Early Cretaceous J-2 Zone
21901	Cordelia?	11153	4	not on map	169-N			Early Cretaceous J-2 Zone
21902	Cordelia?	11153	5	not on map	169-N			Late Cretaceoous G-1 or H Zone
21903	Wilson Valley	11154	132-138	Upper Wilson Dam	150-F	Morgan Valley 15'	Knoxville	Jurassic
21904	Mount Vaca	11155	1	Gates Canyon	151-K		Mt Vaca 15'	Late Cretaceous F-1 Zone
21905	Mount Vaca	11155	3	Gates Canyon	151-K		Mt Vaca 15'	Late Cretaceous G-1 Zone
21906	Mount Vaca	11155	4	Gates Canyon	151-K		Mt Vaca 15'	Late Cretaceous G-1 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
21907	Mount Vaca	11157	1	Pleasants Vly	151-M	14/7N/2W	flood rads and	Late Cretaceous F-1 Zone
21908	Mount Vaca	11157	2	Pleasants Vly	151-M	not on map	diatoms	Late Cretaceous F-1 Zone
21909	Mount Vaca	11157	3	Pleasants Vly	151-M		Mt Vaca 15'	Late Cretaceous F-1 Zone
21910	Mount Vaca	11158	1	W of Oakdale Sch	151-M		Mt Vaca 15'	Late Cretaceous arenaceous foraminifers
21911	Mount Vaca	11158	4	W of Oakdale Sch	151-M		Mt Vaca 15'	mixed Cretaceous and Eocene foraminifers
21912	Fairfield North	11160	1	not on map	151-M	Along Hwy 81		Late Cretaceous F or G Zone
21913	Fairfield North	11160	2	not on map	151-M	near Laurel Creek		Late Cretaceous F or G Zone
21914	Fairfield North	11160	3	not on map	151-M			Late Cretaceous F or G Zone
21915	Fairfield North	11160	4	not on map	151-M			Late Cretaceous F or G Zone
21916	Fairfield North	11160	5	not on map	151-M			Late Cretaceous F or G Zone
21917	Fairfield North	11160	6	not on map	151-M			Late Cretaceous F or G Zone
21918	Fairfield North	11160	7	not on map	151-M			Late Cretaceous F or G Zone
21919	Enterprise	11163		E of Redding airport	153-K	Redding 15'	USBR CH	Late Cretaceous F or G Zone
21920	Enterprise	11164	A	E of Redding airport	153-K	Redding 15'	USBR CH	Late Cretaceous G-1 Zone
21921	Enterprise	11164	B	E of Redding airport	153-K	Redding 15'	USBR CH	Late Cretaceous G-1 Zone
21922	Enterprise	11164	C	E of Redding airport	153-K	Redding 15'	USBR CH	Late Cretaceous G-1 Zone
21923	Enterprise	11164	D	E of Redding airport	153-K	Redding 15'	USBR CH	Late Cretaceous G-1 Zone
21924	Enterprise	11164	E	E of Redding airport	153-K	Redding 15'	USBR CH	Late Cretaceous G-1 Zone
21925	Enterprise	11164	F	E of Redding airport	153-K	Redding 15'	USBR CH	Late Cretaceous G-1 Zone
21926	Enterprise?	11166	G	E of Redding airport	153-K	not on map	USBR CH	Late Cretaceous G-1 Zone
21927	Castle Rock Ridge	11200		Newell Creek	B-1	McCollom thesis		Oligocene Zemorrian Stage
21928	Castle Rock Ridge	11200	RM-1	picked slide	B-1	McCollom thesis		Oligocene Zemorrian Stage
21929	Castle Rock Ridge	11200	RM-2	picked slide	B-1	McCollom thesis		Oligocene Zemorrian Stage
21930	Castle Rock Ridge	11201		Newell Creek	B-1	McCollom thesis		Oligocene Zemorrian Stage
21931	Castle Rock Ridge	11202		Newell Creek	B-1	McCollom thesis		Oligocene Zemorrian Stage
21932	Castle Rock Ridge	11203		Newell Creek	B-1	McCollom thesis		Oligocene Zemorrian Stage
21933	Castle Rock Ridge	11204		Newell Creek	B-1	McCollom thesis		Oligocene Zemorrian Stage
21934	Castle Rock Ridge	11205		Newell Creek	B-1	McCollom thesis		Oligocene Zemorrian Stage
21935	Castle Rock Ridge	11206		Zayante Creek	B-1	McCollom thesis		Oligocene Zemorrian Stage
21936	Castle Rock Ridge	11207		Zayante Creek	B-1	McCollom thesis		Oligocene Zemorrian Stage
21937	Castle Rock Ridge	11208		Zayante Creek	B-1	McCollom thesis		Oligocene Zemorrian Stage
21938	Castle Rock Ridge	11209		Zayante Creek	B-1	McCollom thesis		Oligocene Zemorrian Stage
21939	Castle Rock Ridge	11210		Zayante Creek	B-1	McCollom thesis		Oligocene Zemorrian Stage
21940	Castle Rock Ridge	11211		Zayante Creek	B-1	McCollom thesis		Oligocene Zemorrian Stage
21941	Mindego Hill	11212	RM-15	Skyline Blvd	B-1	McCollom thesis		Oligocene Zemorrian Stage
21942	Mindego Hill	11213	RM-16	Skyline Blvd	B-1	McCollom thesis		Oligocene Zemorrian Stage
21943	Castle Rock Ridge	11214		Zayante Creek	B-1	McCollom thesis		Oligocene lower Zemorrian Stage
21944	Castle Rock Ridge?	11214	RM-9	see his report	B-1	McCollom thesis		Oligocene Zemorrian Stage
21945	Cone Peak	11215		not on map	I-7	ANL 4-70	com planktics	early or middle Eocene
21946	Cone Peak	11217		NE of The Indians	I-7	ARP 2-40		early or middle Miocene Relizian or Luisian Stage
21947	Cone Peak	11219		S of Avila Ranch	I-7	CMT 21-3		Late Cretaceous or Paleocene
21948	Cone Peak	11221		W of Avila Ranch	I-7	CMT 21-16	Late Cret NP	probably Late Cretaceous arenaceous foraminifers
21949	Junipero Serra Peak	11224		Indians Road	I-7	ELS 12-6		Late Cretaceous or Paleocene
21950	Cone Peak	11225		N of The Indians	I-7	ESN 1-19		Oligocene Zemorrian Stage
21951	Cone Peak	11226		N of The Indians	I-7	ESM 1-20		early Miocene lower Relizian Stage
21952	Junipero Serra Peak	11227		Arroyo Seco	I-7	ESM 13-8	abun planktics	probably early Eocene
21953	Junipero Serra Peak	11228		Arroyo Seco	I-7	ESM 13-10		Oligocene lower Zemorrian Stage
21954	Cone Peak	11229		E of The Indians	I-7	FJO 4-5		early or middle Miocene
21955	Cone Peak	11230		N Fork SA River	I-7	FJO 4-21	has NP	early or middle Eocene
21956	Cone Peak	11231		N Fork SA River	I-7	FJO 4-22		Late Cretaceous or Paleocene
21957	Cone Peak	11232		Rattlesnake Ck	I-7	FJO 4-30		middle Miocene Luisian Stage
21958	Cone Peak	11233		N Fork SA River	I-7	FJO 4-32	pollen age	early Tertiary
21959	Cone Peak	11234		N of The Indians	I-7	ICW 1-9		early or middle Miocene Relizian or Luisian Stage
21960	Cone Peak	11235		N of The Indians	I-7	ICW 1-21		late Eocene or Oligocene
21961	Cone Peak	11236		S of The Indians	I-7	ICW 7-95		late Eocene or Oligocene
21962	Cone Peak	11237		S of The Indians	I-7	ICW 7-98	no NP	late Eocene or Oligocene
21963	Cone Peak	11238		Rattlesnake Ck	I-7	JDR 5-4		probably middle Miocene Luisian Stage
21964	Cone Peak	11239		N Fork SA River	I-7	JDR 5-23	no NP	Late Cretaceous or Paleocene
21965	Cone Peak?	11240		not on map	I-7	JDR 5-27		middle Miocene Luisian Stage
21966	Cone Peak	11241		Junipero Serra	I-7	JWF 1-95		late Eocene or Oligocene
21967	Bear Canyon	11242		WC part of quad	I-7	JWF 9-9		Late Cretaceous or Paleocene
21968	Cone Peak	11243		Pinal Creek	I-7	JWS 6-17		middle Miocene Luisian Stage
21969	Cone Peak	11245		NE part of quad	I-7	JWS 6-26		Late Cretaceous or Paleocene arenaceous forminifers
21970	Junipero Serra Peak	11246		Indians Road	I-7	JWS 15-9		Late Cretaceous or Paleocene
21971	Junipero Serra Peak	11247		Indians Road	I-7	MPB 15-7	com planktics	early Eocene C or D Zone
21972	Junipero Serra Peak	11248		Indians Road	I-7	MPB 15-24	com planktics	early Eocene C or D Zone
21973	Bear Canyon	11249		WC part of quad	I-7	PWW 8-15		Late Cretaceous or Paleocene
21974	Cone Peak	11250		Wizard Gulch	I-7	RJT 16-26		Late Cretaceous or Paleocene
21975	Cone Peak	11251		Pinal Creek	I-7	SAT 5-12		Late Cretaceous or Paleocene
21976	Cone Peak	11252		Pinal Creek	I-7	TCH 6-13		middle Miocene Luisian Stage
21977	Cone Peak	11255		S of SL Mem Park	I-7	TCH 10-3		late Eocene or Oligocene
21978	Junipero Serra Peak	11257		Arroyo Seco	I-7	YAJ 13-25		early Eocene D Zone
21979	Junipero Serra Peak	11258		E of Escondido Cp	I-7	YAJ 13-26	com planktics	early Eocene C or D Zone
21980	Junipero Serra Peak	11259		not on map	I-7		NP age	early Eocene Bulitian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
21981	York Mountain	11301		E of Oakdale Schl	159-N	area F-2		probably middle Miocene Luisian Stage
21982	York Mountain	11302		Paso Robles Road	159-N			early Miocene Relizian Stage
21983	Templeton	11306		W of Templeton	159-N	Paso Robles 15'		middle Miocene Luisian Stage
21984	York Mountain	11307		Willow Ck Road	159-N			early Miocene Saucesian Stage
21985	Cypress Mountain	11310		not on map	159-N	Adelaida 15'	strat column	Oligocene Zemorrian or early Miocene Saucesian Stage
21986	York Mountain?	11310		not on map	159-N			Oligocene Zemorrian or early Miocene Saucesian Stage
21987	Cypress Mountain	11311		not on map	159-N	Adelaida 15'		middle Miocene Luisian Stage
21988	York Mountain?	11311		not on map	159-N			middle Miocene Luisian Stage
21989	Templeton	11312		S of Templeton	159-N	Paso Robles 15'		early or middle Miocene Relizian or Luisian Stage
21990	York Mountain	11313		Cayucos Road	159-N			Oligocene Zemorrian Stage
21991	York Mountain	11314		Templeton Road	159-N	see also SLO	Cypress Mtn	probably middle Miocene Luisian Stage
21992	Cypress Mountain	11315		not on map	123-J	Adelaida 15'		Oligocene Zemorrian Stage
21993	Adelaida	11317		Paso Robles Road	159-N	Adelaida 15'		early Miocene Saucesian Stage
21994	Lime Mountain	11319	1	E of Camp Natoma	159-N	Adelaida 15'		early Miocene Saucesian or Relizian Stage
21995	Lime Mountain	11319	2	E of Camp Natoma	159-N	Adelaida 15'		early Miocene Saucesian or Relizian Stage
21996	Templeton	11320		W of Paso Robles	160-N	Paso Robles 15'		middle Miocene Luisian Stage
21997	Adelaida	11321		Paso Robles Road	160-N	Adelaida 15'		early Miocene Relizian Stage
21998	Adelaida	11328		Paso Robles Road	160-N	Adelaida 15'		early Miocene lower Relizian Stage
21999	Adelaida	11332		Near Chimney Rok	30-E	Adelaida 15'		early Miocene Relizian Stage
22000	Adelaida	11333		Near Chimney Rok	30-E	Adelaida 15'		early Miocene Relizian Stage
22001	Adelaida	11334		E of Chimney Rock	30-E	Adelaida 15'		middle Miocene Luisian Stage
22002	Santa Rosa Hills	11337		Los Amoles Creek	79-I			middle or late Eocene Narizian or Refugian Stage
22003	Lompoc Hills	11341	A	NE of Jalama Rnch	79-I			middle Eocene A-2 Zone
22004	Lompoc Hills	11341	B	NE of Jalama Rnch	79-I			middle Eocene A-2 Zone
22005	Lompoc Hills	11342		NE of Jalama Rnch	79-I			middle Eocene A-2 Zone
22006	Lompoc Hills	11345		NE of Jalama Rnch	79-I			middle Eocene A-2 Zone
22007	Lompoc Hills	11347		Jalama Road	79-I			early or middle Eocene
22008	Briones Valley	11347		Pinole Creek area	100-I		32/2N/3W	late Miocene
22009	Elmira	11349		near Vacaville	100-I			late Paleocene
22010	Elmira	11350		near Vacaville	100-I			early Eocene C Zone
22011	Richmond	11351	A	Berkeley Hills	202-B	W of S Pablo Res	Tice?	middle or late Miocene Luisian or Mohnian Stage
22012	Santa Rosa Hills	11353		Cabrillo Hwy	79-I			Eocene
22013	Santa Rosa Hills	11355		E of Amoles Ck	79-I			middle Eocene A-2 Zone
22014	Santa Rosa Hills	11356		Amoles Creek	79-I			middle Eocene A Zone
22015	Santa Rosa Hills	11358		Amoles Creek	79-I			Late Cretaceous E or F Zone
22016	Santa Rosa Hills	11359		Cabrillo Hwy	79-I			middle Eocene A-1 Zone
22017	Santa Rosa Hills	11361		S of Ytias Creek	79-J			late Eocene Refugian Stage
22018	Santa Rosa Hills	11365		SW corner of quad	79-J			Paleocene E Zone or early Eocene D Zone
22019	Tranquillon Mountain	11367	A	Canada del Rodeo	79-J	Point Arguello 15'	has NP	middle Eocene A-2 Zone and middle Eocene NP
22020	Tranquillon Mountain	11367	B	Canada del Rodeo	79-J	Point Arguello 15'	abun planktics	middle Eocene A-2 Zone
22021	Santa Ynez	11369		Quiota Creek	79-J	Los Olivos 15'		Oligocene Zemorrian Stage
22022	Smith Mountain	11369	RW	NE corner of quad	260-H	Priest Valley 15'	see # 23150	Cretaceous arenaceous foraminifers
22023	Lompoc Hills	11372		EC part of quad	164-N			early or middle Miocene
22024	Rio Bravo Ranch	11372		SE part of quad	164-N			Miocene
22025	Lake Cachuma	11374		EC part of quad	164-N			early Miocene Saucesian Stage
22026	Rio Bravo Ranch	11374		SE part of quad	164-N			early Miocene Saucesian Stage
22027	Little Pine Mountain	11375		not on map	164-N			middle Miocene Luisian Stage
22028	Rio Bravo Ranch	11375		SE part of quad	164-N			middle Miocene Luisian Stage
22029	Lake Cachuma	11379		EC part of quad	79-J			early Miocene Saucesian Stage
22030	San Rafael Mountain	11420		Santa Cruz Creek	79-J	S Rafael Mtn 15'		early Miocene Relizian Stage
22031	Point Sur	11433		Little Sur River	161-J		molds only	Oligocene Zemorrian or early Miocene Saucesian Stage
22032	Point Sur	11434		Little Sur River	161-J			possibly early Miocene Saucesian Stage
22033	Chittenden	11436		Pescadero Ck area	no slide	S Juan Bautista 15		early Miocene Saucesian Stage
22034	Tres Pinos	11437		Bolado Park rd cut	no slide	Hollister 15'	NP slide	early Eocene C Zone
22035	Tres Pinos	11437		Bolado Park	165-F	Hollister 15'	com planktics	early or middle Eocene
22036	Tres Pinos	11437	RS	Bolado Park	165-F	Hollister 15'		early or middle Eocene
22037	Tres Pinos	11438		Bolado Park	165-F	Hollister 15'		early or middle Eocene
22038	Paicines	11439		NE part of quad	165-F	Gonzales 15'	6/14S/7E SLP	middle or late Eocene A Zone
22039	Paicines	11439	RW	NE part of quad	165-F	Gonzales 15'		middle or late Eocene A Zone
22040	Chittenden	11441		Pescadero Ck area	no slide	S Juan Bautista 15		Oligocene Zemorrian or early Miocene Saucesian Stage
22041	Chittenden	11442		Pescadero Ck area	no slide	S Juan Bautista 15		early Miocene
22042	Chittenden	11443		Pescadero Ck area	no slide	S Juan Bautista 15		early Miocene Saucesian Stage
22043	Point Sur	11445		Little Sur River	48-F			middle and late Miocene upper Mohnian Stage
22044	Big Sur	11447		Little River hill	48-F	Point Sur 15'		early Miocene Saucesian Stage
22045	Point Sur	11448		Little Sur River	48-F			middle and late Miocene upper Mohnian Stage
22046	Adelaida	11449		Peachy Cyn Road	155-N	Adelaida 15'		middle Miocene Luisian Stage
22047	Adelaida	11450		Peachy Cyn Road	155-N	Adelaida 15'	com planktics	early Miocene Relizian Stage
22048	Templeton	11451		WC part of quad	155-N	Paso Robles 15'		middle Miocene
22049	York Mountain	11454		SW of Oakdale Sch	155-N			early Miocene upper Relizian Stage
22050	York Mountain	11455		center of quad	155-N			early Miocene lower Relizian Stage
22051	York Mountain	11456		center of quad	155-N			probably early Miocene Relizian Stage
22052	York Mountain	11457		center of quad	155-N		age on pecten	early Miocene
22053	York Mountain	11458		center of quad	155-N		internal casts	middle Miocene
22054	York Mountain	11459		center of quad	155-N		com planktics	early Miocene Relizian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
22055	York Mountain	11460		S of Summit Schl	128-N			early Miocene Relizian Stage
22056	San Marcos Pass	11461		NE of Loma Alta	79-J			early Miocene Relizian Stage
22057	San Marcos Pass	11462		NE of Loma Alta	79-J			middle Miocene Luisian Stage
22058	San Marcos Pass	11463		Los Prietos Camp	79-J			early Miocene Saucesian Stage
22059	Lake Cachuma	11465		S Marcos Pass Rd	79-J			early Miocene Saucesian Stage
22060	Lake Cachuma	11466		S Marcos Pass Rd	79-J			early Miocene Relizian Stage
22061	Lake Cachuma	11467		S Marcos Pass Rd	79-J			middle and late Miocene upper Mohnian Stage
22062	Lake Cachuma	11468		DeVaul Canyon	79-J			early Miocene Relizian Stage
22063	Lake Cachuma	11469		S Marcos Pass Rd	79-J		rubber casts	late Miocene
22064	Laguna Seca Ranch	11470		NW part of quad	177-M	Ortigalita Pk 15'	from seismic	Late Cretaceous pseudo G-1 Zone
22065	Lake Cachuma	11470		S of Lake Cachuma	79-J			early Miocene Saucesian Stage
22066	Lake Cachuma	11473		E of Camp Drake	79-J			early Miocene Saucesian Stage
22067	Big Sur	11477		S of Little River Hl	70-J	Point Sur 15'		Oligocene Zemorrian or early Miocene Saucesian Stage
22068	Templeton	11481		SW of Templeton	79-J	Paso Robles 15'		middle Miocene Luisian Stage
22069	Templeton	11482		S of Templeton	79-J	Paso Robles 15'		middle Miocene
22070	Templeton	11483		S of Templeton	79-J	Paso Robles 15'		middle Miocene Luisian Stage
22071	Templeton	11484		S of Templeton	79-J	Paso Robles 15'		early or middle Miocene Relizian or Luisian Stage
22072	Nipomo	11486		S of Loma Pelona	79-J	Nipomo 15'	limestone	Miocene
22073	McKittrick Summit	11498	11	begins 21/30S/20E	224-G	Simmler 15'	Seismic E-29	middle Miocene Luisian Stage (Pseudosaucesian)
22074	McKittrick Summit	11498	13	Carrizo Plains	224-G	Simmler 15'	area K-8	middle Miocene Luisian Stage (Pseudosaucesian)
22075	McKittrick Summit	11498	85	Carrizo Plains	224-G	Simmler 15'	Seismic E-29	possibly early Miocene Relizian Stage
22076	McKittrick Summit	11498	86	Carrizo Plains	224-G	Simmler 15'	Seismic E-29	possibly early Miocene Relizian Stage
22077	Painted Rock	11499	1	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	middle Miocene
22078	Painted Rock	11499	2	Carrizo Plains	224-G	Caliente Mtn 15'	area K-8	middle Miocene
22079	Painted Rock	11499	3	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	middle Miocene
22080	Painted Rock	11499	6	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	middle Miocene
22081	Painted Rock	11499	11	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	middle Miocene
22082	Painted Rock	11499	13	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	middle Miocene
22083	Painted Rock	11499	15	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	middle Miocene
22084	Painted Rock	11499	23	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	middle Miocene
22085	Painted Rock	11499	26	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	middle Miocene
22086	Painted Rock	11499	28	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	early Miocene Relizian Stage
22087	Painted Rock	11499	29	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	early Miocene Relizian Stage
22088	Painted Rock	11499	32	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	early Miocene Relizian Stage
22089	Painted Rock	11499	34	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	early Miocene Relizian Stage
22090	Painted Rock	11499	35	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	possibly early Miocene Saucesian Stage
22091	Garza Peak	11502		3/23S/16E (SLP)	161-G	not on map		Eocene
22092	Garza Peak	11506		Garza Creek	161-G	not on map		middle Eocene A-2 Zone
22093	Antioch South	11523	IPC 827	S of Deer Valley	209-H			early Eocene
22094	Antioch South	11523	RW	S of Deer Valley	209-H			early Eocene
22095	Antioch South	11531		WC part of quad	no slide			early Eocene
22096	Antioch South	11534		not on map	no slide			early Eocene
22097	Antioch South	11543		center of quad	no slide			early Eocene
22098	Brentwood	11544	35	not on map	209-H	27/1N/2E (SLP)	Meganos C	Eocene
22099	Brentwood	11544	40	not on map	209-H	27/1N/2E (SLP)	Meganos C	Eocene
22100	Brentwood	11544	40B	not on map	209-H	27/1N/2E (SLP)	Meganos C	Eocene
22101	Brentwood	11544		not on map	209-H	27/1N/2E (SLP)	Meganos C	Eocene
22102	Brentwood	11545	35	not on map	209-H	27/1N/2E (SLP)	Meganos C	Eocene
22103	Brentwood	11545	50	not on map	209-H	27/1N/2E (SLP)	Meganos C	Eocene
22104	Brentwood	11545	59	not on map	209-H	27/1N/2E (SLP)	strat column	Eocene
22105	Brentwood	11545		not on map	209-H	27/1N/2E (SLP)	Meganos C	Eocene
22106	Antioch South	11546	5	E Deer Valley	209-H	28/1N/2E (SLP)		Eocene
22108	Antioch South	11546	25A	E Deer Valley	209-H	28/1N/2E (SLP)		Eocene
22109	Antioch South	11546	45B	E Deer Valley	209-H	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22110	Antioch South	11546	30	E Deer Valley	209-H	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22111	Antioch South	11547	10	E of VABM 757	209-H	28/1N2E (SLP)		Late Cretaceous arenaceous foraminifers
22112	Antioch South	11547	15	E of VABM 757	209-H	28/1N2E (SLP)		Late Cretaceous arenaceous foraminifers
22113	Antioch South	11547	30A	E of VABM 757	209-H	28/1N2E (SLP)		Late Cretaceous arenaceous foraminifers
22114	Antioch South	11547	30B	E of VABM 757	209-H	28/1N2E (SLP)		Late Cretaceous arenaceous foraminifers
22115	Antioch South	11548	25	E of VABM 757	209-H	28/1N2E (SLP)		Late Cretaceous arenaceous foraminifers
22116	Antioch South	11548	30	E of VABM 757	209-H	28/1N2E (SLP)		Late Cretaceous arenaceous foraminifers
22117	Byron Hot Springs	11550		NC part of quad	209-H	7/1S/3E (SLP)		Eocene
22118	Antioch South	11551	A	E Deer Valley	209-H	21/1N/2E (SLP)		Eocene
22119	Antioch South	11551	B	E Deer Valley	209-H	21/1N/2E (SLP)		Eocene
22120	Antioch South	11552	A	E Deer Valley	209-H	21/1N/2E (SLP)		Eocene
22121	Antioch South	11552	B	E Deer Valley	209-H	21/1N/2E (SLP)		Eocene
22122	Antioch South	11553	A	E Deer Valley	209-H	21/1N/2E (SLP)		Eocene
22123	Antioch South	11553	B	E Deer Valley	209-H	21/1N/2E (SLP)		Eocene
22124	Antioch South	11554	A	E Deer Valley	209-H	21/1N/2E (SLP)		Eocene
22125	Antioch South	11554	B	E Deer Valley	209-H	21/1N/2E (SLP)		Eocene
22126	Antioch South	11555	A	E Deer Valley	209-H	21/1N/2E (SLP)		Eocene
22127	Antioch South	11555	B	E Deer Valley	209-H	21/1N/2E (SLP)		Eocene
22128	Antioch South	11556	1A	center of quad	209-H	13/1N/1E (SLP)	strat column	early Eocene Discoaster tribrachiatus Zone
22129	Antioch South	11556	1B	center of quad	209-H	13/1N/1E (SLP)	Meganos C	Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
22130	Antioch South	11556	1C	center of quad	209-H	13/1N/1E (SLP)	Meganos C	Eocene
22131	Antioch South	11556	2A	center of quad	209-H	13/1N/1E (SLP)	Meganos C	early Eocene Discoaster tribrachiatus Zone
22132	Antioch South	11556	2B	center of quad	209-H	13/1N/1E (SLP)	Meganos C	Eocene
22133	Antioch South	11556	3A	center of quad	209-H	13/1N/1E (SLP)	Meganos C	early Eocene Discoaster tribrachiatus Zone
22134	Antioch South	11556	3B	center of quad	209-H	13/1N/1E (SLP)	Meganos C	Eocene
22135	Antioch South	11556	4A	center of quad	209-H	13/1N/1E (SLP)	Meganos C	early Eocene Discoaster tribrachiatus Zone
22136	Antioch South	11556	4B	center of quad	209-H	13/1N/1E (SLP)	Meganos C	Eocene
22137	Antioch South	11556	5A	center of quad	209-H	13/1N/1E (SLP)	Meganos C	early Eocene Discoaster tribrachiatus Zone
22138	Antioch South	11556	5B	center of quad	209-H	13/1N/1E (SLP)	Meganos C	Eocene
22139	Antioch South	11556	5B	center of quad	209-H	NP slide	says Meg. D	Eocene?
22140	Antioch South	11556	6	center of quad	209-H	NP slide	says Meg. D	early Eocene Discoaster tribrachiatus Zone
22141	Antioch South	11556	6A	center of quad	209-H	13/1N/1E (SLP)	Meganos C	Eocene
22142	Antioch South	11556	6B	center of quad	209-H	13/1N/1E (SLP)	Meganos C	Eocene
22143	Antioch South	11556	6B	center of quad	209-H	NP slide	says Meg. D	Eocene?
22144	Antioch South	11556	7	center of quad	209-H	NP slide	says Meg. D	early Eocene Discoaster tribrachiatus Zone
22145	Antioch South	11556	7A	center of quad	209-H	13/1N/1E (SLP)	Meganos C	Eocene
22146	Antioch South	11556	7B	center of quad	209-H	13/1N/1E (SLP)	Meganos C	Eocene
22147	Antioch South	11556	8	center of quad	209-H	NP slide	says Meg. D	early Eocene Discoaster tribrachiatus Zone
22148	Antioch South	11556	8A	center of quad	209-H	13/1N/1E (SLP)	Meganos C	Eocene
22149	Antioch South	11556	8B	center of quad	209-H	13/1N/1E (SLP)	Meganos C	Eocene
22150	Antioch South	11556	9	center of quad	209-H	NP slide	says Meg. D	early Eocene Discoaster tribrachiatus Zone
22151	Antioch South	11556	9A	center of quad	209-H	13/1N/1E (SLP)	Meganos C	Eocene
22152	Antioch South	11556	9B	center of quad	209-H	13/1N/1E (SLP)		Eocene
22153	Antioch South	11556	10	center of quad	209-H	NP slide	says Meg. D	early Eocene Discoaster tribrachiatus Zone
22154	Antioch South	11556	10A	center of quad	209-H	13/1N/1E (SLP)		Eocene
22155	Antioch South	11556	10B	center of quad	209-H	13/1N/1E (SLP)		Eocene
22156	Antioch South	11556	10B	center of quad	209-H	NP slide	says Meg. D	Eocene?
22157	Antioch South	11556	1A	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22158	Antioch South	11557	1B	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22159	Antioch South	11557	2A	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22160	Antioch South	11557	2B	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22161	Antioch South	11557	3A	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22162	Antioch South	11557	3B	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22163	Antioch South	11557	4A	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22164	Antioch South	11557	4B	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22165	Antioch South	11557	5A	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22166	Antioch South	11557	5B	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22167	Antioch South	11557	6A	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22168	Antioch South	11557	6B	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22169	Antioch South	11557	6C	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22170	Antioch South	11557	7A	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22171	Antioch South	11557	7B	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22172	Antioch South	11557	7C	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22173	Antioch South	11557	8B	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22174	Antioch South	11557	9A	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22175	Antioch South	11557	9B10A	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22176	Antioch South	11557	9C	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22177	Antioch South	11557	10A	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22178	Antioch South	11557	10B	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22179	Antioch South	11557	10C	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22180	Antioch South	11557	11A	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22181	Antioch South	11557	11B	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22182	Antioch South	11557	12A	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22183	Antioch South	11557	12B	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22184	Antioch South	11557	13A	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22185	Antioch South	11557	13B	SE of VABM 757	209-I	28/1N/2E (SLP)		Late Cretaceous arenaceous foraminifers
22186	Solyo	11559	1A	Ingram Canyon	213-D	3/5S/5E (SLP)	not on map	Late Cretaceous arenaceous foraminifers
22187	Solyo	11559	1B	Ingram Canyon	213-D	3/5S/5E (SLP)	not on map	Late Cretaceous arenaceous foraminifers
22188	Solyo	11559	1C	Ingram Canyon	213-D	3/5S/5E (SLP)	not on map	Late Cretaceous arenaceous foraminifers
22189	Solyo	11560	2A	Ingram Canyon	213-D	2/5S/6E (SLP)	not on map	Late Cretaceous arenaceous foraminifers
22190	Solyo	11560	2B	Ingram Canyon	213-D	2/5S/6E (SLP)	not on map	Late Cretaceous arenaceous foraminifers
22191	Solyo	11560	2C	Ingram Canyon	213-D	2/5S/6E (SLP)	not on map	Late Cretaceous arenaceous foraminifers
22192	Copper Mountain	11561	1A	Del Puerto Creek	213-D	30/5S/7E (SLP)	not on map	Late Cretaceous arenaceous foraminifers
22193	Copper Mountain	11561	1B	Del Puerto Creek	213-D	30/5S/7E (SLP)	not on map	Late Cretaceous arenaceous foraminifers
22194	Copper Mountain	11562	2A	Del Puerto Creek	213-D	20/5S/7E (SLP)	not on map	Late Cretaceous or Paleocene
22195	Vine Hill	11563	A	Pacheco Creek	213-D	SLURP age	not on map	late? Eocene
22196	Vine Hill	11563	B	Pacheco Creek	213-D	SLURP age	not on map	late? Eocene
22197	Vine Hill	11563	C	Pacheco Creek	213-D	SLURP age	not on map	late? Eocene
22198	Vine Hill	11563	D	Pacheco Creek	213-D	SLURP age	not on map	late? Eocene
22199	Clayton	11564		W of Clayton	226-E	8/1N/1W (SLP)	SLURP age	Early Cretaceous arenaceous foraminifers
22200	Clayton	11564	A	W of Clayton	226-E	8/1N/1W (SLP)	SLURP age	Early Cretaceous arenaceous foraminifers
22201	Clayton	11565		W of Clayton	226-E	17/1N/1W (SLP)	SLURP age	Early Cretaceous arenaceous foraminifers
22202	Clayton	11566		Mt Diablo	226-E	17/1N/1W (SLP)	SLURP age	Early Cretaceous arenaceous foraminifers
22203	Clayton	11567		Mt Diablo	226-E	8/1N/1W (SLP)	SLURP age	Early Cretaceous arenaceous foraminifers

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
22204	Clayton	11569		Mt Diablo	226-E	5/1N/1W (SLP)	SLURP age	Tertiary
22205	Clayton	11572		W of Clayton	226-E	9/1N/1W (SLP)	SLURP age	Early Cretaceous arenaceous foraminifers
22206	Clayton	11572	A	W of Clayton	226-E	9/1N/1W (SLP)	SLURP age	Early Cretaceous arenaceous foraminifers
22207	Clayton	11573		W of Clayton	226-E	10/1N/1W (SLP)	SLURP age	Early Cretaceous arenaceous foraminifers
22208	Byron Hot Springs	11577		SW of Byron	226-C	not on map		Late Cretaceous not older than G-1 Zone
22209	Byron Hot Springs	11580		Brushy Creek	226-C	8/2S/3E (SLP)		Late Cretaceous F-2 Zone
22210	Byron Hot Springs	11581		Brushy Creek	226-C	8/2S/3E (SLP)		Late Cretaceous F or G Zone
22211	Byron Hot Springs	11582		Brushy Creek	226-C	17/2S/3E (SLP)		Late Cretaceous G-1 Zone
22212	Byron Hot Springs	11584		Brushy Creek	no slide			Late Cretaceous F-2 Zone
22213	Byron Hot Springs	11585		Mt Diablo	226-C	8/2S/2E (SLP)		Late Cretaceous F or G Zone
22214	Byron Hot Springs	11586		Brushy Creek	226-C	8/2S/3E (SLP)		Late Cretaceous F-2 Zone
22215	Byron Hot Springs	11588		Mt Diablo	226-C	8/2S/2E (SLP)		probably Late Cretaceous F-2 Zone
22216	Byron Hot Springs	11590		Brushy Creek	226-C	17/2S/3E (SLP)		Late Cretaceous F or G Zone
22217	Byron Hot Springs	11592		Brushy Creek	226-C	17/2S/3E (SLP)		Late Cretaceous F or G Zone
22218	Byron Hot Springs	11595		Vasco Road	226-C	15/2S/2E (SLP)		Late Cretaceous F-2 Zone
22219	Byron Hot Springs	11597		Vasco Road	226-C	10/2S/2E (SLP)		Late Cretaceous G-2 Zone
22220	Byron Hot Springs	11598		Vasco Road	226-C	10/2S/2E (SLP)		Late Cretaceous G-2 Zone
22221	Byron Hot Springs	11599		Vasco Road	no slide			Late Cretaceous G-2 Zone
22222	Carneros Rocks	11600	1	Zemorra Creek	179-B	strat column	trench	early Miocene Saucesian Stage
22223	Carneros Rocks	11600	3	Zemorra Creek	179-B	strat column	trench	early Miocene Saucesian Stage
22224	Carneros Rocks	11600	4	Zemorra Creek	179-B	strat column	trench	early Miocene Saucesian Stage
22225	Carneros Rocks	11600	5	Zemorra Creek	179-B	strat column	trench	early Miocene Saucesian Stage
22226	Carneros Rocks	11600	6	Zemorra Creek	179-B	strat column	trench	early Miocene Saucesian Stage
22227	Carneros Rocks	11600	7	Zemorra Creek	179-B	strat column	trench	early Miocene Saucesian Stage
22228	Carneros Rocks	11600	8	Zemorra Creek	179-B	strat column	trench	early Miocene Saucesian Stage
22229	Carneros Rocks	11600	9	Zemorra Creek	179-B	strat column	trench	early Miocene Saucesian Stage
22230	Carneros Rocks	11600	11	Zemorra Creek	179-B	strat column	trench	early Miocene Saucesian Stage
22231	Carneros Rocks	11600	13	Zemorra Creek	179-B	strat column	trench	early Miocene Saucesian Stage
22232	Carneros Rocks	11600	15	Zemorra Creek	179-B	strat column	trench	early Miocene Saucesian Stage
22233	Carneros Rocks	11600	17	Zemorra Creek	179-B	strat column	trench	early Miocene Saucesian Stage
22234	Carneros Rocks	11600	19	Zemorra Creek	179-B	strat column	trench	early Miocene Saucesian Stage
22235	Carneros Rocks	11600	20	Zemorra Creek	179-B	strat column	trench	early Miocene Saucesian Stage
22236	Carneros Rocks	11600	21	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22237	Carneros Rocks	11600	22	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22238	Carneros Rocks	11600	23	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22239	Carneros Rocks	11600	24	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22240	Carneros Rocks	11600	25	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22241	Carneros Rocks	11600	26	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22242	Carneros Rocks	11600	28	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22243	Carneros Rocks	11600	30	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22244	Carneros Rocks	11600	31	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22245	Carneros Rocks	11600	32	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22246	Carneros Rocks	11600	33	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22247	Carneros Rocks	11600	34	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22248	Carneros Rocks	11600	36	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22249	Carneros Rocks	11600	37	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22250	Carneros Rocks	11600	38	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22251	Carneros Rocks	11600	39	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22252	Carneros Rocks	11600	40	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22253	Carneros Rocks	11600	41	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22254	Carneros Rocks	11600	42	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22255	Carneros Rocks	11600	47	Zemorra Creek	179-B	strat column	trench	Oligocene Zemorrian Stage
22256	Lake Cachuma	11600		Santa Ynez River	79-J			early Miocene Relizian Stage
22257	Carneros Rocks	11601	57	Zemorra Creek	179-B			early Miocene Saucesian Stage
22258	Carneros Rocks	11601	58	Zemorra Creek	179-B	Location in SLURP	Not on map	early Miocene Saucesian Stage
22259	Carneros Rocks	11601	59	Zemorra Creek	179-B	is 15/29S/20E	Not on map	early Miocene Saucesian Stage
22260	Carneros Rocks	11601	60	Zemorra Creek	179-B	SE of Zemorra Ck	Not on map	early Miocene Saucesian Stage
22261	Carneros Rocks	11601	61	Zemorra Creek	179-B	Ages from	Not on map	early Miocene Saucesian Stage
22262	Carneros Rocks	11601	62	Zemorra Creek	179-B	traverse	Not on map	early Miocene Saucesian Stage
22263	Carneros Rocks	11601	63	Zemorra Creek	179-B		Not on map	early Miocene Saucesian Stage
22264	Carneros Rocks	11601	64	Zemorra Creek	179-B		Not on map	early Miocene Saucesian Stage
22265	Carneros Rocks	11601	65	Zemorra Creek	179-B		Not on map	early Miocene Saucesian Stage
22266	Carneros Rocks	11601	66	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22267	Carneros Rocks	11601	67	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22268	Carneros Rocks	11601	68	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22269	Carneros Rocks	11601	69	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22270	Carneros Rocks	11601	72	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22271	Carneros Rocks	11601	74	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22272	Carneros Rocks	11601	75	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22273	Carneros Rocks	11601	76	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22274	Carneros Rocks	11601	77	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22275	Carneros Rocks	11601	78	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22276	Carneros Rocks	11601	79	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22277	Carneros Rocks	11601	80	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
22278	Carneros Rocks	11601	81	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22279	Carneros Rocks	11601	82	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22280	Carneros Rocks	11601	83	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22281	Carneros Rocks	11601	84	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22282	Carneros Rocks	11601	85	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22283	Carneros Rocks	11601	86	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22284	Carneros Rocks	11601	87	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22285	Carneros Rocks	11601	88	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22286	Carneros Rocks	11601	89	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22287	Carneros Rocks	11601	90	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22288	Carneros Rocks	11601	91	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22289	Carneros Rocks	11601	92	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22290	Carneros Rocks	11601	93	Zemorra Creek	179-C		Not on map	early Miocene Saucesian Stage
22291	Carneros Rocks	11601	94	Zemorra Creek	179-C		Not on map	early Miocene Relizian Stage
22292	Carneros Rocks	11601	95	Zemorra Creek	179-C		Not on map	early Miocene Relizian Stage
22293	Carneros Rocks	11601	96	Zemorra Creek	179-C		Not on map	early Miocene Relizian Stage
22294	Carneros Rocks	11601	97	Zemorra Creek	179-C		Not on map	early Miocene Relizian Stage
22295	Carneros Rocks	11601	98	Zemorra Creek	179-C		Not on map	early Miocene Relizian Stage
22296	Carneros Rocks	11601	99	Zemorra Creek	179-C		Not on map	early Miocene Relizian Stage
22297	Carneros Rocks	11601	100	Zemorra Creek	179-C		Not on map	early Miocene Relizian Stage
22298	Carneros Rocks	11601	102	Zemorra Creek	179-C		Not on map	early Miocene Relizian Stage
22299	Carneros Rocks	11601	103	Zemorra Creek	179-C		Not on map	early Miocene Relizian Stage
22300	Carneros Rocks	11601	105	Zemorra Creek	179-C		Not on map	early Miocene Relizian Stage
22301	Carneros Rocks	11601	106	Zemorra Creek	179-C		Not on map	early Miocene Relizian Stage
22302	Carneros Rocks	11601	107	Zemorra Creek	179-C		Not on map	early Miocene Relizian Stage
22303	Carneros Rocks	11601	108	Zemorra Creek	179-C		Not on map	early Miocene Relizian Stage
22304	Carneros Rocks	11601	109	Zemorra Creek	179-C		Not on map	early Miocene Relizian Stage
22305	Carneros Rocks	11601	110	Zemorra Creek	179-C		Not on map	early Miocene Relizian Stage
22306	Carneros Rocks	11601	111	Zemorra Creek	179-C		Not on map	early Miocene Relizian Stage
22307	Carneros Rocks	11601	112	Zemorra Creek	179-C		Not on map	early Miocene Relizian Stage
22308	Carneros Rocks	11601	113	Zemorra Creek	179-C		Not on map	early Miocene Relizian Stage
22309	Carneros Rocks	11601	114	Zemorra Creek	179-C		Not on map	early Miocene Relizian Stage
22310	San Marcos Pass	11601		San Marcos Ranch	79-J			early or middle Eocene
22311	Carneros Rocks	11602	1	Carneros Creek	71-G	strat column	Not on map	early Miocene Saucesian Stage
22312	Carneros Rocks	11602	2	Carneros Creek	71-G	strat column	Not on map	early Miocene Saucesian Stage
22313	Carneros Rocks	11602	3	Carneros Creek	71-G	strat column	Not on map	early Miocene Saucesian Stage
22314	Carneros Rocks	11602	4	Carneros Creek	71-G	strat column	Not on map	early Miocene Saucesian Stage
22315	Carneros Rocks	11602	5	Carneros Creek	71-G	strat column	Not on map	early Miocene Saucesian Stage
22316	Carneros Rocks	11602	10	Carneros Creek	71-G	strat column	Not on map	early Miocene Saucesian Stage
22317	Carneros Rocks	11602	14	Carneros Creek	71-G	strat column	Not on map	early Miocene Saucesian Stage
22318	Carneros Rocks	11602	15	Carneros Creek	71-G	strat column	Not on map	early Miocene Saucesian Stage
22319	Carneros Rocks	11602	16	Carneros Creek	71-G	strat column	Not on map	early Miocene Saucesian Stage
22320	Carneros Rocks	11602	17	Carneros Creek	71-G	strat column	Not on map	early Miocene Saucesian Stage
22321	Carneros Rocks	11602	18	Carneros Creek	71-G	strat column	Not on map	early Miocene Saucesian Stage
22322	Carneros Rocks	11602	19	Carneros Creek	71-G	strat column	Not on map	early Miocene Saucesian Stage
22323	Carneros Rocks	11602	20	Carneros Creek	71-G	strat column	Not on map	early Miocene Saucesian Stage
22324	Carneros Rocks	11602	21	Carneros Creek	71-G	strat column	Not on map	early Miocene Saucesian Stage
22325	Carneros Rocks	11602	29	Carneros Creek	71-G	strat column	Not on map	early Miocene Saucesian Stage
22326	Carneros Rocks	11602	30	Carneros Creek	71-G	strat column	Not on map	early Miocene Saucesian Stage
22327	Carneros Rocks	11602	31	Carneros Creek	71-G	strat column	Not on map	early Miocene Saucesian Stage
22328	Carneros Rocks	11602	32	Carneros Creek	71-G	strat column	Not on map	early Miocene Saucesian Stage
22329	Carneros Rocks	11602	40	Carneros Creek	71-G	strat column	Not on map	early Miocene Saucesian Stage
22330	Carneros Rocks	11602	48	Carneros Creek	71-G	strat column	Not on map	Oligocene Zemorrian Stage
22331	Carneros Rocks	11602	49	Carneros Creek	71-G	strat column	Not on map	Oligocene Zemorrian Stage
22332	Carneros Rocks	11602	50	Carneros Creek	71-G	strat column	Not on map	Oligocene Zemorrian Stage
22333	Carneros Rocks	11602	51	Carneros Creek	71-G	strat column	Not on map	Oligocene Zemorrian Stage
22334	Carneros Rocks	11602	52	Carneros Creek	71-G	strat column	Not on map	Oligocene Zemorrian Stage
22335	Carneros Rocks	11602	53	Carneros Creek	71-G	strat column	Not on map	Oligocene Zemorrian Stage
22336	Carneros Rocks	11602	54	Carneros Creek	71-G	strat column	Not on map	Oligocene Zemorrian Stage
22337	Carneros Rocks	11602	55	Carneros Creek	71-G	strat column	Not on map	Oligocene Zemorrian Stage
22338	Carneros Rocks	11602	56	Carneros Creek	71-G	strat column	Not on map	Oligocene Zemorrian Stage
22339	Carneros Rocks	11602	58	Carneros Creek	71-G	strat column	Not on map	Oligocene Zemorrian Stage
22340	Carneros Rocks	11602	60	Carneros Creek	71-G	strat column	Not on map	Oligocene Zemorrian Stage
22341	San Marcos Pass	11602		Oso Canyon	79-J			middle Miocene Luisian Stage
22342	San Marcos Pass	11603		Oso Canyon	79-J			middle and late Miocene lower Mohnian Stage
22343	San Marcos Pass	11604		Oso Canyon	79-J			middle and late Miocene lower Mohnian Stage
22344	San Luis Obispo	11605		center of quad	79-J	S Luis Obispo 15'	rubber casts	probably Oligocene Zemorrian Stage
22345	San Luis Obispo	11606		center of quad	79-J	S Luis Obispo 15'		Oligocene Zemorrian Stage
22346	Morro Bay North	11607		Toro Creek	79-J	Cayucos 15'		Oligocene Zemorrian Stage
22347	Morro Bay North	11609		NW part of quad	79-J	Cayucos 15'		Oligocene Zemorrian Stage
22348	Wells Ranch	11609		N of Padrones Cyn	79-J	sa Morro Bay N	com planktics	Oligocene Zemorrian Stage
22349	Cypress Mountain?	11610		center of quad	79-J	Adelaida 15'		Oligocene Zemorrian Stage
22350	Scotia	11610	1A	bank of Eel River	50-J	Scotia 15'		Late Cretaceous or Paleocene
22351	Scotia	11610	1B	bank of Eel River	50-J	Scotia 15'		Late Cretaceous or Paleocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
22352	Scotia	11610	2	bank of Eel River	50-J	Scotia 15'		Late Cretaceous or Paleocene
22353	Capetown	11611	1	N of Petrolia	50-J	Cp Mendocino 15'		possibly Pliocene
22354	Capetown	11611	2	N of Petrolia	50-J	Cp Mendocino 15'		possibly Pliocene
22355	Cypress Mountain	11611		not on map	79-J	Adelaida 15'		probably Oligocene Zemorrian Stage
22356	Capetown	11612	1A	Davis Creek	50-J	Cp Mendocino 15'		late Miocene or Pliocene
22357	Cambria?	11613		not on map	79-J			Oligocene Zemorrian Stage
22358	Tejon Hills	11613		NE part of quad	79-J		Obispo tuff	Oligocene Zemorrian Stage
22359	Cambria	11614		N of Green Valley	79-J			Oligocene Zemorrian Stage
22360	Tejon Hills	11614		NE part of quad	79-J		Obispo tuff	Oligocene Zemorrian Stage
22361	San Luis Obispo	11615		E of Serrano	79-J	S Luis Obispo 15'		Oligocene Zemorrian Stage
22362	Eagle Rest Peak	11616	1-19	San Emigdio Creek	none?	strat column		Eocene
22363	Eagle Rest Peak	11616	20	San Emigdio Creek	197-K	strat column		Oligocene lower Zemorrian Stage
22364	Eagle Rest Peak	11616	26	San Emigdio Creek	197-K	strat column		Oligocene lower Zemorrian Stage
22365	Eagle Rest Peak	11616	28	San Emigdio Creek	197-K	strat column		Oligocene lower Zemorrian Stage
22366	Eagle Rest Peak	11616	29	San Emigdio Creek	197-K	strat column		Oligocene lower Zemorrian Stage
22367	Eagle Rest Peak	11616	31	San Emigdio Creek	197-K	strat column		Oligocene lower Zemorrian Stage
22368	Santa Ynez	11616		Wons Creek	79-K	Los Olivos 15'		Oligocene lower Zemorrian Stage
22369	Lake Cachuma	11617		Tequepis Canyon	79-K			Miocene
22370	Hildreth Peak	11619		Camuesa	79-K	Gibralter Dam 15'		middle and late Miocene lower Mohnian Stage
22371	Eagle Rest Peak	11619	1-30	Los Lobos Creek	none?	strat column	strat column	Eocene
22372	Santiago Creek	11620	10	E of Muddy Creek	197-K	have strat column		late Eocene Narizian or Refugian Stage
22373	Little Pine Mountain	11621		EC part of quad	79-K	Gibralter Dam 15'		early Miocene Relizian Stage
22374	Little Pine Mountain	11622		Devils Canyon	79-K	Gibralter Dam 15'		early Miocene Relizian Stage
22375	Santiago Creek	11622	1-5	Muddy Creek	197-K	strat column	filed loc 11616	Eocene
22376	Santiago Creek	11622	6-16	Muddy Creek		strat column	filed loc 11616	Oligocene Zemorrian Stage
22377	Little Pine Mountain	11623		Devils Canyon	79-K	Gibralter Dam 15'	abun ostracods	probably early Miocene Saucesian Stage
22378	Santiago Creek	11623	1-36	Muddy Creek	none?	strat column	filed loc 11616	Eocene
22379	Santiago Creek	11623	39	Muddy Creek	197-L	strat column	filed loc 11616	Oligocene Zemorrian Stage
22380	Santiago Creek	11623	41	Muddy Creek	197-L	strat column	filed loc 11616	Oligocene Zemorrian Stage
22381	Santiago Creek	11623	42	Muddy Creek	197-L	strat column	filed loc 11616	Oligocene Zemorrian Stage
22382	Santa Ynez	11625		Santa Ynez River	79-K	Los Olivos 15'		middle Miocene Luisian Stage
22383	Maricopa	11646	2	W of Hazelton	211-I	NW of Bitterwater	Creek	middle and late Miocene lower Mohnian Stage
22384	Maricopa	11648		SW of Maricopa	211-I			probably middle Miocene Luisian Stage
22385	Atascadero	11653		not on map	128-N		casts & molds	middle and late Miocene lower Mohnian Stage
22386	Santa Margarita	11653		not on map	128-N	18/28S/13E	rubber casts	middle and late Miocene lower Mohnian Stage
22387	Templeton	11654		In Templeton	84-K	Paso Robles 15'	7/27S/12E	middle Miocene Luisian Stage
22388	Atascadero	11655		S of Atascadero	84-K	S Luis Obispo 15'	19/28S/13E	middle and late Miocene lower Mohnian Stage
22389	Atascadero	11656		S of Atascadero	84-K	S Luis Obispo 15'	19/28S/13E	middle and late Miocene lower Mohnian Stage
22390	Atascadero	11658		E of Atascadero	84-K			middle and late Miocene lower Mohnian Stage
22391	Santa Margarita	11658		Rock Canyon	84-K	18/28S/13E		middle and late Miocene lower Mohnian Stage
22392	Atascadero	11659		not on map	84-K			middle and late Miocene lower Mohnian Stage
22393	Santa Margarita	11659		Rock Canyon	84-K	30/28S/13E		middle and late Miocene lower Mohnian Stage
22394	Atascadero	11661		SE of Atascadero	123-J	S Luis Obispo 15'		middle and late Miocene Mohnian Stage
22395	Atascadero	11662		Salinas River	123-J	S Luis Obispo 15'		probably late Miocene
22396	San Benito	11677		NE of Bald Mtn	157-M	San Benito 15'		probably late Eocene Refugian Stage
22397	San Benito	11678		Upper Butts Ranch	157-M	San Benito 15'		middle Eocene A-2 Zone
22398	San Benito	11685		Upper Butts Ranch	165-B	San Benito 15'		probably late Eocene Refugian Stage
22399	San Benito	11692		Upper Butts Ranch	165-B	San Benito 15'		late Eocene Refugian Stage
22400	San Benito	11695		Upper Butts Ranch	165-B	San Benito 15'		middle Eocene A-2 Zone
22401	Santa Margarita	11718		S of S Margarita	161-N	S Luis Obispo 15'		middle and late Miocene lower Mohnian Stage
22402	Lopez Mountain	11719		NC part of quad	161-N	S Luis Obispo 15'		middle and late Miocene lower Mohnian Stage
22403	Sycamore Flat	11720		SE of The Basin	95-J	Soledad 15'		middle and late Miocene lower Mohnian Stage
22404	Sycamore Flat	11721		SE of The Basin	95-J	Soledad 15'	rubber casts	middle and late Miocene lower Mohnian Stage
22405	Paraiso Springs	11722		SW of Olsen Ranch	95-J	Soledad 15'		middle Miocene Luisian Stage
22406	Sycamore Flat	11723		SE of The Basin	95-J	Soledad 15'	sa #11832	middle Miocene Luisian Stage
22407	Paraiso Springs	11724		SW of Olsen Ranch	95-J	Soledad 15'		middle Miocene Luisian Stage
22408	Sycamore Flat	11725		not on map	79-K	Soledad 15'		early Miocene lower Relizian Stage
22409	Sycamore Flat	11726		SE of The Basin	169-C	Soledad 15'	rubber casts	middle and late Miocene lower Mohnian Stage
22410	Sycamore Flat	11727		SE of The Basin	169-C	Soledad 15'		middle and late Miocene Mohnian Stage
22411	Sycamore Flat	11728		SE of The Basin	169-C	Soledad 15'		middle and late Miocene Mohnian Stage
22412	Sycamore Flat	11729		SE of The Basin	169-C	Soledad 15'		middle and late Miocene Mohnian Stage
22413	Sycamore Flat	11730		SE of The Basin	169-C	Soledad 15'	rubber casts	middle and late Miocene Mohnian Stage
22414	Paraiso Springs	11731		SW of Olsen Ranch	169-C	Soledad 15'		middle and late Miocene lower Mohnian Stage
22415	Paraiso Springs	11732		SW of Olsen Ranch	169-C	Soledad 15'	rubber casts	middle and late Miocene lower Mohnian Stage
22416	Sycamore Flat	11733		E of Paloma Ck Sch	169-C	Soledad 15'	rubber casts	middle and late Miocene lower Mohnian Stage
22417	Sycamore Flat	11734		E of Paloma Ck Sch	169-C	Soledad 15'	rubber casts	middle and late Miocene lower Mohnian Stage
22418	Sycamore Flat	11735		E of Paloma Ck Sch	169-C	Soledad 15'	rubber casts	middle and late Miocene Mohnian Stage
22419	San Benito	11736		Butts Ranch	161-G	San Benito 15'		middle Eocene A-2 Zone
22420	San Benito	11740		Butts Ranch	169-G	San Benito 15'	rubber casts	Late Cretaceous C or D-1 Zone
22421	Morro Bay South	11746		SC part of quad	79-K	Cayucos 15'		early Miocene Saucesian Stage
22422	Morro Bay South	11746	ReWash	SC part of quad	79-K	Cayucos 15'		early Miocene Saucesian Stage
22423	Morro Bay South	11747		SC part of quad	79-K	Cayucos 15'		Oligocene Zemorrian Stage
22424	Santa Rita Peak	11747	A	Pine Canyon	180-F	New Idria 15'	age from map	Late Cretaceous G-2 Zone
22425	Santa Rita Peak	11747	C	Pine Canyon	180-F	New Idria 15'	age from map	Late Cretaceous G-2 Zone

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
22426	Santa Rita Peak	11747	C	Pine Canyon	180-F	New Idria 15'	age from map	Late Cretaceous G-2 Zone
22427	Morro Bay South	11748		SC part of quad	79-K	Cayucos 15'		early Miocene Relizian Stage
22428	Morro Bay South	11749		SE part of quad	79-K	Cayucos 15'	sa Joaquin Rks	Oligocene Zemorrian Stage
22429	Port San Luis	11750		See Canyon	79-K			early Miocene Relizian Stage
22430	Santa Rita Peak	11750	1	White Creek	180-F	New Idria 15'	age from map	Early Cretaceous J-2 Zone
22431	Santa Rita Peak	11750	2	White Creek	180-F	New Idria 15'	age from map	Early Cretaceous J-2 Zone
22432	Santa Rita Peak	11750	4	White Creek	180-F	New Idria 15'	age from map	Early Cretaceous J-2 Zone
22433	Santa Rita Peak	11750	5	White Creek	180-F	New Idria 15'	age from map	Early Cretaceous J-2 Zone
22434	Santa Rita Peak	11750	6	White Creek	180-F	New Idria 15'	age from map	Early Cretaceous J-2 Zone
22435	Santa Rita Peak	11750	7	White Creek	180-F	New Idria 15'	age from map	Early Cretaceous J-2 Zone
22436	Santa Rita Peak	11750	8	White Creek	180-F	New Idria 15'	age from map	Early Cretaceous J-2 Zone
22437	Santa Rita Peak	11750	9	White Creek	180-F	New Idria 15'	age from map	Early Cretaceous J-2 Zone
22438	Port San Luis	11751		Diablo Canyon	79-K	see loc 5172 for	strat column	early Miocene Relizian Stage
22439	Santa Rita Peak	11751	1	Archer Mine	180-F	New Idria 15'	age from map	Early Cretaceous J-2 Zone
22440	Santa Rita Peak	11751	3	Archer Mine	180-F	New Idria 15'	age from map	Early Cretaceous J-2 Zone
22441	Port San Luis	11752		Lion Rock	79-K			probably middle Miocene Luisian Stage
22442	Morro Bay South	11753		SW part of quad	no slide	Cayucos 15'	Pecten age	middle Miocene
22443	Port San Luis	11755		Diablo Canyon	79-K	sa Pismo Beach		Oligocene Zemorrian Stage
22444	Port San Luis	11756		Wild Cherry Cyn	79-K			Miocene or Pliocene
22445	Port San Luis	11757		S of Diablo Canyon	79-K			possibly early Miocene Saucesian Stage
22446	Port San Luis	11758		See Canyon	79-K	sa S Rosa Hills		middle and late Miocene lower Mohnian Stage
22447	Santa Rosa Hills	11759		E of Canada Vina	79-K			Oligocene Zemorrian Stage
22448	Santa Rosa Hills	11760		E of Canada Vina	79-K			late Eocene A-1 Zone
22449	Thompson Canyon	11760	A	Thompson Cyn	74-D			middle and late Miocene Mohnian Stage
22450	Point Arena	11761		Mtn View Road	161-G			Eocene or Cretaceous
22451	Point Arena	11765		Tenmile Cutoff Rd	161-G			Eocene
22452	Sherman Peak	11767	5A	SE part of quad	71-F	Priest Val 15'	age from lab	Late Cretaceous H Zone
22453	Sherman Peak	11767	6	SE part of quad	71-F	Priest Val 15'	age from lab	Late Cretaceous H Zone
22454	Sherman Peak	11767	9	SE part of quad	177-M	Priest Val 15'	age from lab	Late Cretaceous H Zone
22455	Los Banos Valley	11771	8	NE part of quad	191-N	Quien Sabe 15'	age from map	Late Cretaceous G-2 Zone
22456	Los Banos Valley	11771	14	NE part of quad	191-N	Quien Sabe 15'	age from lab	Late Cretaceous D Zone
22457	Ortigalita Peak NW	11771	8	Los Banos Creek	191-N			Late Cretaceous G-2 Zone
22458	Ortigalita Peak NW	11771	14	Los Banos Creek	191-N			Late Cretaceous D Zone
22459	Copper Mountain	11774	3	Del Puerto Canyon	191-N	Area D-10	age from lab	Late Cretaceous H Zone
22460	Copper Mountain	11774	4	Del Puerto Canyon	191-N		age from lab	Late Cretaceous H Zone
22461	Copper Mountain	11774	5	Del Puerto Canyon	191-N		age from lab	Late Cretaceous H Zone
22462	Copper Mountain	11774	6	Del Puerto Canyon	191-N		age from lab	Late Cretaceous H Zone
22463	Copper Mountain	11774	7	Del Puerto Canyon	191-N			Late Cretaceous G-2 Zone
22464	Copper Mountain	11774	8	Del Puerto Canyon	191-N		age from lab	Late Cretaceous H Zone
22465	Copper Mountain	11774	9	Del Puerto Canyon	191-N		age from lab	Late Cretaceous H Zone
22466	Copper Mountain	11774	10	Del Puerto Canyon	191-N		age from lab	Late Cretaceous H Zone
22467	Crevison Peak	11779	2	Romero Creek	44-C	Pacheco Pass 15'	SLURP age	Late Cretaceous arenaceous foraminifers
22468	Crevison Peak	11779	3	Romero Creek	44-C	Pacheco Pass 15'	SLURP age	Late Cretaceous arenaceous foraminifers
22469	La Costa Valley	11789		Calaveras Road	169-C	Livermore 15'		late Miocene?
22470	La Costa Valley	11790		Welch Creek	169-C	Livermore 15'		late Miocene?
22471	Little Pine Mountain	11791		SE of L Pine Mtn	79-K	Gibralter Dam 15'		early Miocene Saucesian Stage
22472	Little Pine Mountain	11792		SE of L Pine Mtn	79-K	Gibralter Dam 15'		early Miocene Relizian Stage
22473	Little Pine Mountain	11793		SE of L Pine Mtn	79-K	Gibralter Dam 15'		early Miocene Relizian Stage
22474	Llanada	11793	2	S of Walker Peak	177-M	Panoche Valy 15'	Buchia age	Early Cretaceous Valanginian
22475	Llanada	11793	4	S of Walker Peak	177-M	Panoche Valy 15'		Early Cretaceous arenaceous foraminifers
22476	Howard Ranch	11794	256	CA Aqueduct	260-G	sa Patterson		Early Cretaceous arenaceous foraminifers
22477	Howard Ranch	11794	220	CA Aqueduct	260-G	sa San Luis Dam		Early Cretaceous arenaceous foraminifers
22478	Howard Ranch	11794	224	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22479	Howard Ranch	11794	181	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22480	Howard Ranch	11794	179	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22481	Howard Ranch	11794	234	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22482	Howard Ranch	11794	69	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22483	Howard Ranch	11794	83	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22484	Howard Ranch	11794	25	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22485	Howard Ranch	11794	41.8	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22486	Howard Ranch	11794	286	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22487	Howard Ranch	11794	293	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22488	Howard Ranch	11794	43	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22489	Howard Ranch	11794	35	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22490	Howard Ranch	11794	21.3	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22491	Howard Ranch	11794	36	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22492	Howard Ranch	11794	40	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22493	Howard Ranch	11794	35	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22494	Howard Ranch	11794	41.5	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22495	Howard Ranch	11794	35	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22496	Howard Ranch	11794	56.8	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22497	Howard Ranch	11794	439	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22498	Howard Ranch	11794	179	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22499	Howard Ranch	11794	404	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
22500	Howard Ranch	11794	411	CA Aqueduct	260-G			Early Cretaceous arenaceous foraminifers
22501	Little Pine Mountain	11794		NW part of quad	79-K	Gibralter Dam 15'		early Miocene Relizian Stage
22502	Hurricane Deck	11795		SE corner of quad	79-K	McPherson Pk 15'		Oligocene Zemorrian Stage
22503	Hurricane Deck	11796		SE corner of quad	79-K	McPherson Pk 15'		probably Oligocene Zemorrian Stage
22504	Sherman Peak	11796	1	NE part of quad	202-D	Priest Valley 15'	age from map	Late Cretaceous F-2 to G-1 Zone
22505	Sherman Peak	11796	2	NE part of quad	202-D	Priest Valley 15'	age from map	Late Cretaceous F-2 to G-1 Zone
22506	Sherman Peak	11796	3	NE part of quad	202-D	Priest Valley 15'	age from map	Late Cretaceous F-2 to G-1 Zone
22507	Sherman Peak	11796	4	NE part of quad	260-G	Priest Valley 15'	age from map	Late Cretaceous F-2 to G-1 Zone
22508	Sherman Peak	11796	5	NE part of quad	260-G	Priest Valley 15'	age from map	Late Cretaceous F-2 to G-1 Zone
22509	Sherman Peak	11796	6	NE part of quad	260-G	Priest Valley 15'	age from map	Late Cretaceous F-2 to G-1 Zone
22510	Sherman Peak	11796	7	NE part of quad	260-G	Priest Valley 15'	age from map	Late Cretaceous F-2 to G-1 Zone
22511	Sherman Peak	11796	8	NE part of quad	260-G	Priest Valley 15'	age from map	Late Cretaceous F-2 to G-1 Zone
22512	Sherman Peak	11796	9	NE part of quad	260-G	Priest Valley 15'	age from map	Late Cretaceous F-2 to G-1 Zone
22513	Hurricane Deck	11797		NE corner of quad	79-K	McPherson Pk 15'		early Miocene Saucesian Stage
22514	Hurricane Deck	11798		NE corner of quad	79-K	McPherson Pk 15'		early Miocene upper Saucesian Stage
22515	Rock Spring Peak	11798	1	NW part of quad	no slide		age from map	Early Cretaceous J or K Zone
22516	Rock Spring Peak	11798	2	NW part of quad	no slide		age from map	Early Cretaceous J? Zone
22517	Rock Spring Peak	11798	8	NC part of quad	no slide		age from map	Early or Late Cretaceous J-1 or I Zone
22518	Rock Spring Peak	11798	9	NC part of quad	no slide		age from map	Early or Late Cretaceous J-1 or I Zone
22519	Rock Spring Peak	11798	10	NC part of quad	no slide		age from map	Early or Late Cretaceous J-1 or I Zone
22520	Rock Spring Peak	11798	11	NC part of quad	no slide		age from map	Early Cretaceous J-1 Zone
22521	Rock Spring Peak	11798	12	NC part of quad	no slide		age from map	Early Cretaceous J? Zone
22522	Rock Spring Peak	11798	13	NW part of quad	no slide		age from map	Early or Late Cretaceous J-2 to G-2 Zone
22523	Hurricane Deck	11799		NE corner of quad	79-K	McPherson Pk 15'		early Miocene lower Relizian Stage
22524	Hurricane Deck	11800		NE corner of quad	79-K	McPherson Pk 15'		early Miocene
22525	Salisbury Potrero	11801		WC part of quad	79-K	Salisbury Cyn 15'	rubber molds	probably Oligocene Zemorrian Stage
22526	Madulce Peak	11803		SW part of quad	79-K	Gibralter Dam 15'		early Miocene lower Saucesian Stage
22527	Madulce Peak	11804		SW part of quad	79-K	Gibralter Dam 15'		early Miocene lower Relizian Stage
22528	Little Pine Mountain	11805		Little Caliente Cyn	79-K	Gibralter Dam 15'		Eocene
22529	Little Pine Mountain	11806		Little Caliente Cyn	79-K	Gibralter Dam 15'	float	middle and late Miocene lower Mohnian Stage
22530	Tranquillon Mountain	11808		N of Honda Creek	79-K	Point Arguello 15'		early Eocene D Zone
22531	Tranquillon Mountain	11809		N of Honda Creek	79-K	Point Arguello 15'		early Eocene D Zone
22532	Tranquillon Mountain	11810		N of Honda Creek	79-K	Point Arguello 15'		early Eocene D Zone
22533	Tranquillon Mountain	11811		N of Honda Creek	79-K	Point Arguello 15'		early Eocene D Zone
22534	Tranquillon Mountain	11813		Canada los Sauces	79-L	Point Arguello 15'		Eocene B Zones
22535	Tranquillon Mountain	11814		Canada los Sauces	79-L	Point Arguello 15'		Late Cretaceous H Zone
22536	Tranquillon Mountain	11815		Canada Ladrones	79-L	Point Arguello 15'	abun rads	Late Cretaceous H Zone
22537	Tranquillon Mountain	11816		Canada Ladrones	79-L	Point Arguello 15'	com planktics	middle Eocene A-2 Zone
22538	Tranquillon Mountain	11817		Canada de Rodeo	79-L	Point Arguello 15'	abun planktics	middle Eocene A-2 Zone
22539	Tranquillon Mountain	11818		Canada de Rodeo	79-L	Point Arguello 15'		middle Eocene A-2 Zone
22540	Tranquillon Mountain	11819		Canada el Jollluru	79-L	Point Arguello 15'		Early Cretaceous J-1 Zone
22541	Tranquillon Mountain	11820		Canada el Jollluru	79-L	Point Arguello 15'		Late Cretaceous H Zone
22542	Tranquillon Mountain	11821		Canada el Jollluru	79-L	Point Arguello 15'	com planktics	middle Eocene A-2 Zone
22543	Tranquillon Mountain	11822		Canada el Jollluru	79-L	Point Arguello 15'		middle Eocene A-2 Zone
22544	Tranquillon Mountain	11823		Canada el Jollluru	79-L	Point Arguello 15'	abun planktics	middle Eocene A-2 Zone
22545	Tranquillon Mountain	11824		Canada el Jollluru	79-L	Point Arguello 15'		middle Eocene A-2 Zone
22546	Tranquillon Mountain	11826		Canada el Jollluru	79-L	Point Arguello 15'		late Eocene A-1 Zone
22547	Paraiso Springs	11832		WC part of quad	95-J	Soledad 15'	see # 11723	middle and late Miocene Luisian or Mohnian Stage
22548	Sycamore Flat	11834		SE part of quad	95-J	have locality map	rubber casts	middle and late Miocene Mohnian Stage
22549	Sycamore Flat	11835		SE part of quad	95-J	have locality map	rubber casts	middle and late Miocene Mohnian Stage
22550	Sycamore Flat	11836		EC part of quad	95-J	have locality map	rubber casts	middle and late Miocene Mohnian Stage
22551	Sycamore Flat	11837		EC part of quad	95-J	have locality map		middle and late Miocene lower Mohnian Stage
22552	Sycamore Flat	11838		EC part of quad	95-J	have locality map	rubber casts	middle and late Miocene lower Mohnian Stage
22553	Sycamore Flat	11839		EC part of quad	95-J	have locality map	rubber casts	middle and late Miocene lower Mohnian Stage
22554	Sycamore Flat	11840		EC part of quad	95-J	have locality map	rubber casts	middle and late Miocene lower Mohnian Stage
22555	Sycamore Flat	11841		EC part of quad	95-J	have locality map	rubber casts	middle and late Miocene Mohnian Stage
22556	Sycamore Flat	11843		EC part of quad	95-J	have locality map	rubber casts	middle and late Miocene Mohnian Stage
22557	Paraiso Springs	11845		SW of Olson Ranch	95-J	Soledad 15'	rubber casts	middle and late Miocene Mohnian Stage
22558	Paraiso Springs	11846		SW of Olson Ranch	95-J	Soledad 15'		middle and late Miocene Mohnian Stage
22559	Paraiso Springs	11847		SW of Olson Ranch	95-J	Soledad 15'		middle and late Miocene Mohnian? Stage
22560	Paraiso Springs	11848		SW of Olson Ranch	95-J	Soledad 15'	rubber casts	middle Miocene Luisian Stage
22561	Sycamore Flat	11849		EC part of quad	95-J	have locality map	rubber casts	middle and late Miocene Mohnian Stage
22562	Sycamore Flat	11850		EC part of quad	95-J	have locality map	rubber casts	middle and late Miocene Mohnian Stage
22563	Sycamore Flat	11851		EC part of quad	95-K	have locality map		middle and late Miocene Mohnian Stage
22564	Sycamore Flat	11852		EC part of quad	95-K	have locality map		middle Miocene Luisian Stage
22565	Sycamore Flat	11853		EC part of quad	95-K	have locality map		middle and late Miocene Mohnian Stage
22566	Sycamore Flat	11854		EC part of quad	95-K	have locality map	rubber casts	middle and late Miocene Mohnian? Stage
22567	Sycamore Flat	11855		EC part of quad	95-K	have locality map	rubber casts	middle and late Miocene Mohnian? Stage
22568	Sycamore Flat	11856		EC part of quad	95-K	have locality map	rubber casts	middle and late Miocene Mohnian Stage
22569	Sycamore Flat	11857		EC part of quad	95-K	have locality map	rubber casts	middle and late Miocene upper Mohnian Stage
22570	Sycamore Flat	11859		EC part of quad	95-K	have locality map	rubber casts	middle and late Miocene Mohnian Stage
22571	Sycamore Flat	11860		EC part of quad	95-K	have locality map	rubber casts	middle and late Miocene Mohnian Stage
22572	Sycamore Flat	11863		EC part of quad	95-K	have locality map		middle and late Miocene lower Mohnian Stage
22573	Sycamore Flat	11864		EC part of quad	95-K	have locality map	rubber casts	middle and late Miocene Mohnian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
22574	Paraiso Springs	11865		SW of Olson Ranch	95-K	Soledad 15'		middle Miocene Luisian Stage
22575	Paraiso Springs	11867		SW of Olson Ranch	95-K	Soledad 15'		middle Miocene Luisian Stage
22576	Paraiso Springs	11868		SW of Olson Ranch	95-K	Soledad 15'	rubber casts	middle and late Miocene Mohnian Stage
22577	Mindego Hill	11872		Big Dipper Ranch	55-G	have geologic map	JC 57-78A	early Miocene
22578	Mindego Hill	11873		Big Dipper Ranch	55-G	have geologic map	JC 57-79	probably Oligocene Zemorrian Stage
22579	Mindego Hill	11874		Peters Creek	55-G	have geologic map	JC 57-842	middle Eocene A-2 Zone
22580	Mindego Hill	11875		Peters Creek	55-G	have geologic map	JC 57-848	probably middle Eocene
22581	Mindego Hill	11876		NE of Horseshoe R	55-G	have geologic map	JC 57-861	Oligocene Zemorrian Stage
22582	Mindego Hill	11877		Long Ridge	55-G	have geologic map	JC 57-885	Oligocene Zemorrian Stage
22583	Mindego Hill	11878		SE of Windy Hill	55-G	have geologic map	JC 57-907	Oligocene Zemorrian or early Miocene Saucesian Stage
22584	Mindego Hill	11879		Dumiuni Creek	55-G	have geologic map	JC 57-916	Oligocene Zemorrian Stage
22585	Calaveras Resevoir?	11881		Alum Rock Pk area	no slide	not on map		early or middle Miocene Relizian or Luisian Stage
22586	Walnut Creek	11884		SW of Pacheco	106-B	33/2N/3W (SLP)	B-7	middle or late Miocene Mohnian or Delmontian Stage
22587	Walnut Creek	11885		NW of Pacheco	106-B	Schmidt thesis	B-11	middle or late Miocene Mohnian or Delmontian Stage
22588	Walnut Creek	11886		Hwy 4 road cut	139-I	Schmidt thesis	TP-1	late Eocene A-1 Zone
22589	Walnut Creek	11887		Hwy 4 road cut	139-I	flood rads	TP-2	late Eocene A-1 Zone
22590	Eagle Rest Peak	11889	1	NW part of quad	200-M			early Miocene lower? Relizian Stage
22591	Eagle Rest Peak	11889	2	NW part of quad	200-M			early Miocene Relizian Stage
22592	Eagle Rest Peak	11889	3	NW part of quad	200-M			early Miocene Saucesian Stage
22593	Santiago Creek	11890	2	NE part quad	200-M			early Miocene Saucesian Stage
22594	Saunders Reef	13212		S of Galloway Sch	142-H	Point Arena 15'	age from map	early Miocene
22595	Tent Hills	13214		center of quad	75-E	DJS 2-20	Stanford Univ	possibly Late Cretaceous arenaceous foraminifers
22596	Tent Hills	13215		center of quad	75-E	DJS 2-9	Stanford Univ	Late Cretaceous arenaceous foraminifers
22597	Tent Hills	13216		center of quad	75-E	DJS 2-18	etc	possibly Late Cretaceous arenaceous foraminifers
22598	Tent Hills?	13217		not on map	75-E	DWD 23-14		probably Late Cretaceous radiolaria
22599	Cholame Valley	13218		NE corner of quad	75-E	DWD 23-20	Stanford Univ	possibly Paleocene
22600	Tent Hills	13219		Stoker Canyon	75-E	FS 2-5A		early or middle Eocene
22601	Tent Hills	13225		Avenal Canyon	75-E	LLM 9-6		Late Cretaceous radiolaria
22602	Tent Hills	13226		Avenal Canyon	75-E	LLM 9-7		Late Cretaceous E Zone
22603	Tent Hills	13227		EC part of quad	75-E	LM 4-3	abun rads	Late Cretaceous radiolaria
22604	Tent Hills	13228		NC part of quad	75-E	MB 7-43		possibly Late Cretaceous arenaceous foraminifers
22605	Tent Hills	13229		EC part of quad	75-E	PMD 6-21	Globotruncana	Late Cretaceous Campanian or Maastrichtian
22606	Tent Hills	13230		Avenal Canyon	75-E	PVB 8-31		Late Cretaceous F-1 Zone
22607	Tent Hills	13231		Lovel Canyon	75-E	PVB 8-32		Late Cretaceous arenaceous foraminifers
22608	Tent Hills	13232		Red Rock Canyon	75-E	PVB 13-9		middle Eocene
22609	Tent Hills?	13233		not on map	no slide	PVB 22-10	large forams	middle Eocene
22610	Tent Hills	13236		Red Rock Canyon	75-E	VAC 12-8		possibly Late Cretaceous arenaceous foraminifers
22611	Tent Hills?	13237		not on map	no slide	VAC 20-3	large forams	middle Eocene
22612	Tent Hills	13238		Stoker Canyon	75-E	WDH 11-7		Late Cretaceous F or G-1 Zone
22613	Tent Hills	13240		Lovel Canyon	75-E	WRD 0-1		Cretaceous arenaceous foraminifers
22614	Tent Hills	13241		Johnson Peak	75-E	WRD 0-2		probably Late Cretaceous arenaceous foraminifers
22615	Tent Hills	13242		Lovel Canyon	75-E	WRD 0-3		Late Cretaceous F or G Zone
22616	Tent Hills	13243		Lovel Canyon	75-E	WRD 0-4		Late Cretaceous arenaceous foraminifers
22617	Drakes Bay	13246		SW part of quad	no slide		aren forams	Cretaceous, Paleocene, or Eocene
22618	Maricopa	13257	Asmbl	Devils Gulch	243-F	picked slide	Have foram	assemblage slide
22619	Maricopa	13257	S1	Devils Gulch	243-F	picked slide	check list,	assemblage slide
22620	Maricopa	13257	S2	Devils Gulch	243-F	picked slide	strat column,	assemblage slide
22621	Maricopa	13257	S3	Devils Gulch	243-F	picked slide	andloc. Map	assemblage slide
22622	Maricopa	13257	S4	Devils Gulch	243-F	picked slide		assemblage slide
22623	Maricopa	13257	S5	Devils Gulch	243-F	picked slide		assemblage slide
22624	Maricopa	13257	1	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22625	Maricopa	13257	1	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22626	Maricopa	13257	2	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22627	Maricopa	13257	2	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22628	Maricopa	13257	3	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22629	Maricopa	13257	3	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22630	Maricopa	13257	4	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22631	Maricopa	13257	5	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22632	Maricopa	13257	5	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22633	Maricopa	13257	6	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22634	Maricopa	13257	6	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22635	Maricopa	13257	7	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22636	Maricopa	13257	8	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22637	Maricopa	13257	8	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22638	Maricopa	13257	9	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22639	Maricopa	13257	8	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22640	Maricopa	13257	10	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22641	Maricopa	13257	10	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22642	Maricopa	13257	12	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22643	Maricopa	13257	12	Devils Gulch	248-J	strat column and	NP photos	early Miocene Saucesian Stage
22644	Maricopa	13257	13	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22645	Maricopa	13257	14	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22646	Maricopa	13257	14	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22647	Maricopa	13257	15	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage

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22648	Maricopa	13257	15	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22649	Maricopa	13257	16	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22650	Maricopa	13257	16	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22651	Maricopa	13257	17	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22652	Maricopa	13257	17	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22653	Maricopa	13257	18	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22654	Maricopa	13257	18	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22655	Maricopa	13257	19	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22656	Maricopa	13257	20	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22657	Maricopa	13257	20	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22658	Maricopa	13257	21	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22659	Maricopa	13257	22	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22660	Maricopa	13257	22	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22661	Maricopa	13257	23	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22662	Maricopa	13257	23	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22663	Maricopa	13257	24	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22664	Maricopa	13257	24	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22665	Maricopa	13257	25	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22666	Maricopa	13257	26	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22667	Maricopa	13257	27	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22668	Maricopa	13257	27	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22669	Maricopa	13257	28	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22670	Maricopa	13257	28	Devils Gulch	248-J	strat column and	check list	early Miocene Saucesian Stage
22671	Maricopa	13257	29	Devils Gulch	248-K	strat column and	check list	early Miocene Saucesian Stage
22672	Maricopa	13257	29	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22673	Maricopa	13257	30	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22674	Maricopa	13257	30	Devils Gulch	248-K	strat column and	check list	early Miocene Saucesian Stage
22675	Maricopa	13257	31	Devils Gulch	248-K	strat column and	check list	early Miocene Saucesian Stage
22676	Maricopa	13257	31	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22677	Maricopa	13257	32	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22678	Maricopa	13257	32	Devils Gulch	248-K	strat column and	check list	early Miocene Saucesian Stage
22679	Maricopa	13257	33	Devils Gulch	248-K	strat column and	check list	early Miocene Saucesian Stage
22680	Maricopa	13257	33	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22681	Maricopa	13257	35	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22682	Maricopa	13257	35	Devils Gulch	248-K	strat column and	check list	early Miocene Saucesian Stage
22683	Maricopa	13257	36	Devils Gulch	248-K	strat column and	check list	early Miocene Saucesian Stage
22684	Maricopa	13257	36	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22685	Maricopa	13257	37	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22686	Maricopa	13257	37	Devils Gulch	248-K	strat column and	check list	early Miocene Saucesian Stage
22687	Maricopa	13257	38	Devils Gulch	248-K	strat column and	check list	early Miocene Saucesian Stage
22688	Maricopa	13257	38	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22689	Maricopa	13257	40	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22690	Maricopa	13257	40	Devils Gulch	248-K	strat column and	check list	early Miocene Saucesian Stage
22691	Maricopa	13257	41	Devils Gulch	248-K	strat column and	check list	early Miocene Saucesian Stage
22692	Maricopa	13257	41	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22693	Maricopa	13257	42	Devils Gulch	248-K	strat column and	check list	early Miocene Saucesian Stage
22694	Maricopa	13257	43	Devils Gulch	248-K	strat column and	check list	early Miocene Saucesian Stage
22695	Maricopa	13257	43	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22696	Maricopa	13257	44	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22697	Maricopa	13257	44	Devils Gulch	248-K	strat column and	check list	early Miocene Saucesian Stage
22698	Maricopa	13257	45	Devils Gulch	248-K	strat column and	check list	early Miocene Saucesian Stage
22699	Maricopa	13257	45	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22700	Maricopa	13257	46	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22701	Maricopa	13257	47	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22702	Maricopa	13257	48	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22703	Maricopa	13257	49	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22704	Maricopa	13257	50	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22705	Maricopa	13257	51	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22706	Maricopa	13257	53	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22707	Maricopa	13257	54	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22708	Maricopa	13257	55	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22709	Maricopa	13257	56	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22710	Maricopa	13257	57	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22711	Maricopa	13257	58	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22712	Maricopa	13257	59	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22713	Maricopa	13257	60	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22714	Maricopa	13257	61	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22715	Maricopa	13257	62	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22716	Maricopa	13257	63	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22717	Maricopa	13257	64	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22718	Maricopa	13257	65	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22719	Maricopa	13257	66	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22720	Maricopa	13257	67	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22721	Maricopa	13257	69	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage

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22722	Maricopa	13257	71	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22723	Maricopa	13257	72	Devils Gulch	208-H	strat column and	check list	early Miocene Saucesian Stage
22724	Maricopa	13257	76	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22725	Maricopa	13257	77	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22726	Maricopa	13257	78	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22727	Maricopa	13257	79	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22728	Maricopa	13257	80	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22729	Maricopa	13257	81	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22730	Maricopa	13257	82	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22731	Maricopa	13257	83	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22732	Maricopa	13257	84	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22733	Maricopa	13257	85	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22734	Maricopa	13257	86	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22735	Maricopa	13257	87	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22736	Maricopa	13257	88	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22737	Maricopa	13257	89	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22738	Maricopa	13257	93	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22739	Maricopa	13257	94	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22740	Maricopa	13257	97	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22741	Maricopa	13257	98	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22742	Maricopa	13257	99	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22743	Maricopa	13257	100	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22744	Maricopa	13257	101	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22745	Maricopa	13257	102	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22746	Maricopa	13257	103	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22747	Maricopa	13257	104	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22748	Maricopa	13257	105	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22749	Maricopa	13257	106	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22750	Maricopa	13257	108	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22751	Maricopa	13257	109	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22752	Maricopa	13257	111	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22753	Maricopa	13257	112	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22754	Maricopa	13257	113	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22755	Maricopa	13257	114	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22756	Maricopa	13257	115	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22757	Maricopa	13257	116	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22758	Maricopa	13257	117	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22759	Maricopa	13257	118	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22760	Maricopa	13257	119	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22761	Maricopa	13257	121	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22762	Maricopa	13257	122	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22763	Maricopa	13257	123	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22764	Maricopa	13257	124	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22765	Maricopa	13257	125	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22766	Maricopa	13257	126	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22767	Maricopa	13257	127	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22768	Maricopa	13257	128	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22769	Maricopa	13257	129	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22770	Maricopa	13257	131	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22771	Maricopa	13257	132	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22772	Maricopa	13257	133	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22773	Maricopa	13257	134	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22774	Maricopa	13257	133	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22775	Maricopa	13257	134	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22776	Maricopa	13257	135	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22777	Maricopa	13257	136	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22778	Maricopa	13257	138	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22779	Maricopa	13257	139	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22780	Maricopa	13257	140	Devils Gulch	208-I	strat column and	check list	early Miocene Saucesian Stage
22781	Maricopa	13257	141	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22782	Maricopa	13257	142	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22783	Maricopa	13257	143	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22784	Maricopa	13257	144	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22785	Maricopa	13257	145	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22786	Maricopa	13257	146	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22787	Maricopa	13257	147	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22788	Maricopa	13257	148	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22789	Maricopa	13257	149	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22790	Maricopa	13257	150	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22791	Maricopa	13257	151	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22792	Maricopa	13257	152	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22793	Maricopa	13257	153	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22794	Maricopa	13257	154	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22795	Maricopa	13257	155	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
22796	Maricopa	13257	156	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22797	Maricopa	13257	157	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22798	Maricopa	13257	158	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22799	Maricopa	13257	159	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22800	Maricopa	13257	160	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22801	Maricopa	13257	161	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22802	Maricopa	13257	162	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22803	Maricopa	13257	163	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22804	Maricopa	13257	164	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22805	Maricopa	13257	165	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22806	Maricopa	13257	166	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22807	Maricopa	13257	167	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22808	Maricopa	13257	168	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22809	Maricopa	13257	169	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22810	Maricopa	13257	170	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22811	Maricopa	13257	171	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22812	Maricopa	13257	172	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22813	Maricopa	13257	173	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22814	Maricopa	13257	174	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22815	Maricopa	13257	175	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22816	Maricopa	13257	176	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22817	Maricopa	13257	177	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22818	Maricopa	13257	178	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22819	Maricopa	13257	179	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22820	Maricopa	13257	181	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22821	Maricopa	13257	183	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22822	Maricopa	13257	183A	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22823	Maricopa	13257	184	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22824	Maricopa	13257	186	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22825	Maricopa	13257	190	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22826	Maricopa	13257	192	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22827	Maricopa	13257	196	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22828	Maricopa	13257	198	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22829	Maricopa	13257	201	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22830	Maricopa	13257	202	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22831	Maricopa	13257	203	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22832	Maricopa	13257	204	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22833	Maricopa	13257	205	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22834	Maricopa	13257	207	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22835	Maricopa	13257	208	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22836	Maricopa	13257	209	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22837	Maricopa	13257	211	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22838	Maricopa	13257	212	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22839	Maricopa	13257	214	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22840	Maricopa	13257	216	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22841	Maricopa	13257	217	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22842	Maricopa	13257	218	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22843	Maricopa	13257	219	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22844	Maricopa	13257	220	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22845	Maricopa	13257	221	Devils Gulch	208-J	strat column and	check list	early Miocene Saucesian Stage
22846	Maricopa	13257	223	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22847	Maricopa	13257	224	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22848	Maricopa	13257	225	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22849	Maricopa	13257	226	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22850	Maricopa	13257	228	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22851	Maricopa	13257	229	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22852	Maricopa	13257	230	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22853	Maricopa	13257	231	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22854	Maricopa	13257	232	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22855	Maricopa	13257	234	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22856	Maricopa	13257	235	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22857	Maricopa	13257	238	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22858	Maricopa	13257	239	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22859	Maricopa	13257	245	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22860	Maricopa	13257	247	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22861	Maricopa	13257	250	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22862	Maricopa	13257	251	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22863	Maricopa	13257	253	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22864	Maricopa	13257	254	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22865	Maricopa	13257	255	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22866	Maricopa	13257	258	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22867	Maricopa	13257	262	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22868	Maricopa	13257	269	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22869	Maricopa	13257	270	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
22870	Maricopa	13257	271	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22871	Maricopa	13257	272	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22872	Maricopa	13257	273	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22873	Maricopa	13257	275	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22874	Maricopa	13257	279	Devils Gulch	208-K	strat column and	check list	early Miocene Saucesian Stage
22875	Maricopa	13257	281	Devils Gulch	208-K	strat column and	check list	middle Miocene Luisian Stage
22876	Maricopa	13257	281A	Devils Gulch	208-K	strat column and	check list	middle Miocene Luisian Stage
22877	Maricopa	13257	282A	Devils Gulch	208-K	strat column and	check list	middle Miocene Luisian Stage
22878	Maricopa	13257	283	Devils Gulch	208-K	strat column and	check list	middle Miocene Luisian Stage
22879	Maricopa	13257	283A	Devils Gulch	208-K	strat column and	check list	middle Miocene Luisian Stage
22880	Maricopa	13257	284	Devils Gulch	208-K	strat column and	check list	middle Miocene Luisian Stage
22881	Maricopa	13257	286	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22882	Maricopa	13257	287	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22883	Maricopa	13257	288	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22884	Maricopa	13257	289	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22885	Maricopa	13257	290	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22886	Maricopa	13257	291	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22887	Maricopa	13257	292	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22888	Maricopa	13257	293	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22889	Maricopa	13257	294	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22890	Maricopa	13257	295	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22891	Maricopa	13257	296	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22892	Maricopa	13257	297	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22893	Maricopa	13257	298	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22894	Maricopa	13257	299	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22895	Maricopa	13257	300	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22896	Maricopa	13257	301	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22897	Maricopa	13257	302	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22898	Maricopa	13257	306	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22899	Maricopa	13257	307	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22900	Maricopa	13257	308	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22901	Maricopa	13257	309	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22902	Maricopa	13257	310	Devils Gulch	208-K	strat column and	check list	middle and late Miocene Mohnian Stage
22903	Maricopa	13257	311	Devils Gulch	208-L	strat column and	check list	middle and late Miocene Mohnian Stage
22904	Maricopa	13257	312	Devils Gulch	208-L	strat column and	check list	middle and late Miocene Mohnian Stage
22905	Maricopa	13257	315	Devils Gulch	208-L	strat column and	check list	middle and late Miocene Mohnian Stage
22906	Maricopa	13257	316	Devils Gulch	208-L	strat column and	check list	middle and late Miocene Mohnian Stage
22907	Maricopa	13257	317	Devils Gulch	208-L	strat column and	check list	middle and late Miocene Mohnian Stage
22908	Maricopa	13257	319	Devils Gulch	208-L	strat column and	check list	middle and late Miocene Mohnian Stage
22909	Maricopa	13257	320	Devils Gulch	208-L	strat column and	check list	middle and late Miocene Mohnian Stage
22910	Maricopa	13257	321	Devils Gulch	208-L	strat column and	check list	middle and late Miocene Mohnian Stage
22911	Maricopa	13257	322	Devils Gulch	208-L	strat column and	check list	middle and late Miocene Mohnian Stage
22912	Maricopa	13257	323	Devils Gulch	208-L	strat column and	check list	middle and late Miocene Mohnian Stage
22913	Maricopa	13257	324	Devils Gulch	208-L	strat column and	check list	middle and late Miocene Mohnian Stage
22914	Maricopa	13257	325	Devils Gulch	208-L	strat column and	check list	middle and late Miocene Mohnian Stage
22915	Maricopa	13257	326	Devils Gulch	208-L	strat column and	check list	middle and late Miocene Mohnian Stage
22916	Maricopa	13257	327	Devils Gulch	208-L	strat column and	check list	middle and late Miocene Mohnian Stage
22917	Maricopa	13257	328	Devils Gulch	208-L	strat column and	check list	middle and late Miocene Mohnian Stage
22918	Santiago Creek	13258	S-1	Bitter Creek	203-L	Slides say Cienega		early Miocene Saucesian Stage
22919	Santiago Creek	13258	1	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22920	Santiago Creek	13258	2	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22921	Santiago Creek	13258	3	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22922	Santiago Creek	13258	4	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22923	Santiago Creek	13258	5	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22924	Santiago Creek	13258	6	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22925	Santiago Creek	13258	7	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22926	Santiago Creek	13258	8	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22927	Santiago Creek	13258	9	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22928	Santiago Creek	13258	10	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22929	Santiago Creek	13258	11	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22930	Santiago Creek	13258	12	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22931	Santiago Creek	13258	13	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22932	Santiago Creek	13258	14	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22933	Santiago Creek	13258	15	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22934	Santiago Creek	13258	16	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22935	Santiago Creek	13258	17	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22936	Santiago Creek	13258	18	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22937	Santiago Creek	13258	19	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22938	Santiago Creek	13258	20	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22939	Santiago Creek	13258	21	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22940	Santiago Creek	13258	22	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22941	Santiago Creek	13258	23	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22942	Santiago Creek	13258	24	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22943	Santiago Creek	13258	25	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
22944	Santiago Creek	13258	26	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22945	Santiago Creek	13258	27	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22946	Santiago Creek	13258	28	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22947	Santiago Creek	13258	29	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22948	Santiago Creek	13258	30	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22949	Santiago Creek	13258	31	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22950	Santiago Creek	13258	32	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22951	Santiago Creek	13258	33	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22952	Santiago Creek	13258	34	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22953	Santiago Creek	13258	35	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22954	Santiago Creek	13258	36	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22955	Santiago Creek	13258	37	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22956	Santiago Creek	13258	38	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22957	Santiago Creek	13258	39	Bitter Creek	203-I	strat column and	check list	early Miocene Saucesian Stage
22958	Santiago Creek	13258	40	Bitter Creek	203-J	strat column and	check list	early Miocene Saucesian Stage
22959	Santiago Creek	13258	41	Bitter Creek	203-J	strat column and	check list	early Miocene Saucesian Stage
22960	Santiago Creek	13258	42	Bitter Creek	203-J	strat column and	check list	early Miocene Saucesian Stage
22961	Santiago Creek	13258	43	Bitter Creek	203-J	strat column and	check list	early Miocene Saucesian Stage
22962	Santiago Creek	13258	44	Bitter Creek	203-J	strat column and	check list	early Miocene Saucesian Stage
22963	Santiago Creek	13258	45	Bitter Creek	203-J	strat column and	check list	early Miocene Saucesian Stage
22964	Santiago Creek	13258	46	Bitter Creek	203-J	strat column and	check list	early Miocene Saucesian Stage
22965	Santiago Creek	13258	47	Bitter Creek	203-J	strat column and	check list	early Miocene Saucesian Stage
22966	Santiago Creek	13258	49	Bitter Creek	203-J	strat column and	check list	early Miocene Saucesian Stage
22967	Santiago Creek	13258	50	Bitter Creek	203-J	strat column and	check list	early Miocene Saucesian Stage
22968	Santiago Creek	13258	51	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22969	Santiago Creek	13258	52	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22970	Santiago Creek	13258	53	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22971	Santiago Creek	13258	57	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22972	Santiago Creek	13258	58	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22973	Santiago Creek	13258	59	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22974	Santiago Creek	13258	60	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22975	Santiago Creek	13258	62	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22976	Santiago Creek	13258	63	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22977	Santiago Creek	13258	64	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22978	Santiago Creek	13258	66	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22979	Santiago Creek	13258	67	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22980	Santiago Creek	13258	69	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22981	Santiago Creek	13258	71	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22982	Santiago Creek	13258	72	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22983	Santiago Creek	13258	73	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22984	Santiago Creek	13258	74	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22985	Santiago Creek	13258	75	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22986	Santiago Creek	13258	76	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22987	Santiago Creek	13258	77	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22988	Santiago Creek	13258	78	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22989	Santiago Creek	13258	79	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22990	Santiago Creek	13258	80	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22991	Santiago Creek	13258	82	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22992	Santiago Creek	13258	83	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22993	Santiago Creek	13258	84	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22994	Santiago Creek	13258	85	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22995	Santiago Creek	13258	86	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22996	Santiago Creek	13258	87	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22997	Santiago Creek	13258	89	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22998	Santiago Creek	13258	90	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
22999	Santiago Creek	13258	91	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
23000	Santiago Creek	13258	92	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
23001	Santiago Creek	13258	93	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
23002	Santiago Creek	13258	94	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
23003	Santiago Creek	13258	96	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
23004	Santiago Creek	13258	97	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
23005	Santiago Creek	13258	98	Bitter Creek	203-J	strat column and	check list	early Miocene Relizian Stage
23006	Santiago Creek	13258	100	Bitter Creek	203-K	strat column and	check list	early Miocene Relizian Stage
23007	Santiago Creek	13258	101	Bitter Creek	203-K	strat column and	check list	early Miocene Relizian Stage
23008	Santiago Creek	13258	106	Bitter Creek	203-K		check list	early Miocene Relizian Stage
23009	Santiago Creek	13258	107	Bitter Creek	203-K	Sample 107 is	check list	early Miocene Saucesian Stage or older
23010	Santiago Creek	13258	108	Bitter Creek	203-K	oldest. Samples	check list	early Miocene Saucesian Stage or older
23011	Santiago Creek	13258	109	Bitter Creek	203-K	108 to 359 are	check list	early Miocene Saucesian Stage or older
23012	Santiago Creek	13258	111	Bitter Creek	203-K	progressively	check list	early Miocene Saucesian Stage or older
23013	Santiago Creek	13258	112	Bitter Creek	203-K	younger.	check list	early Miocene Saucesian Stage or older
23014	Santiago Creek	13258	113	Bitter Creek	203-K		check list	early Miocene Saucesian Stage or older
23015	Santiago Creek	13258	114	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23016	Santiago Creek	13258	115	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23017	Santiago Creek	13258	116	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
23018	Santiago Creek	13258	117	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23019	Santiago Creek	13258	118	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23020	Santiago Creek	13258	119	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23021	Santiago Creek	13258	121	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23022	Santiago Creek	13258	122	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23023	Santiago Creek	13258	123	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23024	Santiago Creek	13258	124	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23025	Santiago Creek	13258	128	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23026	Santiago Creek	13258	129	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23027	Santiago Creek	13258	130	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23028	Santiago Creek	13258	132	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23029	Santiago Creek	13258	134	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23030	Santiago Creek	13258	136	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23031	Santiago Creek	13258	137	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23032	Santiago Creek	13258	138	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23033	Santiago Creek	13258	139	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23034	Santiago Creek	13258	140	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23035	Santiago Creek	13258	142	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23036	Santiago Creek	13258	143	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23037	Santiago Creek	13258	146	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23038	Santiago Creek	13258	147	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23039	Santiago Creek	13258	148	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23040	Santiago Creek	13258	149	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23041	Santiago Creek	13258	154	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23042	Santiago Creek	13258	159	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23043	Santiago Creek	13258	161	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23044	Santiago Creek	13258	164	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23045	Santiago Creek	13258	167	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23046	Santiago Creek	13258	169	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23047	Santiago Creek	13258	171	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23048	Santiago Creek	13258	173	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23049	Santiago Creek	13258	176	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23050	Santiago Creek	13258	192	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23051	Santiago Creek	13258	200	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23052	Santiago Creek	13258	202	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23053	Santiago Creek	13258	203	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23054	Santiago Creek	13258	204	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23055	Santiago Creek	13258	205	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23056	Santiago Creek	13258	206	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23057	Santiago Creek	13258	207	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23058	Santiago Creek	13258	213	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23059	Santiago Creek	13258	214	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23060	Santiago Creek	13258	217	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23061	Santiago Creek	13258	219	Bitter Creek	203-K	strat column and	check list	early Miocene Saucesian Stage or older
23062	Santiago Creek	13258	235	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23063	Santiago Creek	13258	236	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23064	Santiago Creek	13258	237	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23065	Santiago Creek	13258	241	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23066	Santiago Creek	13258	243	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23067	Santiago Creek	13258	245	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23068	Santiago Creek	13258	246	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23069	Santiago Creek	13258	247	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23070	Santiago Creek	13258	248	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23071	Santiago Creek	13258	250	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23072	Santiago Creek	13258	251	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23073	Santiago Creek	13258	252	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23074	Santiago Creek	13258	254	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23075	Santiago Creek	13258	261	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23076	Santiago Creek	13258	262	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23077	Santiago Creek	13258	264	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23078	Santiago Creek	13258	265	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23079	Santiago Creek	13258	266	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23080	Santiago Creek	13258	267	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23081	Santiago Creek	13258	273	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23082	Santiago Creek	13258	281	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23083	Santiago Creek	13258	287	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23084	Santiago Creek	13258	288	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23085	Santiago Creek	13258	291	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23086	Santiago Creek	13258	295	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23087	Santiago Creek	13258	297	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23088	Santiago Creek	13258	300	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23089	Santiago Creek	13258	304	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23090	Santiago Creek	13258	306	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23091	Santiago Creek	13258	307	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
23092	Santiago Creek	13258	309	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23093	Santiago Creek	13258	312	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23094	Santiago Creek	13258	313	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23095	Santiago Creek	13258	316	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23096	Santiago Creek	13258	319	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23097	Santiago Creek	13258	326	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23098	Santiago Creek	13258	327	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23099	Santiago Creek	13258	328	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23100	Santiago Creek	13258	330	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23101	Santiago Creek	13258	334	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23102	Santiago Creek	13258	338	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23103	Santiago Creek	13258	342	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23104	Santiago Creek	13258	344	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23105	Santiago Creek	13258	346	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23106	Santiago Creek	13258	348	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23107	Santiago Creek	13258	353	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23108	Santiago Creek	13258	355	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23109	Santiago Creek	13258	356	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23110	Santiago Creek	13258	357	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23111	Santiago Creek	13258	358	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23112	Santiago Creek	13258	359	Bitter Creek	203-L	strat column and	check list	early Miocene Saucesian Stage or older
23113	Maricopa	13260	1	Crocker Cyn	211-I		Hazelton sh	early Miocene Saucesian Stage
23114	Panorama Hills	13262	1	Recruit Pass	203-N	type picked slide		early Miocene Relizian Stage
23115	Panorama Hills	13262	2	Recruit Pass	203-N	type picked slide		early Miocene Relizian Stage
23116	Panorama Hills	13262	1	Recruit Pass	203-M	strat column		early Miocene Relizian Stage
23117	Panorama Hills	13262	2	Recruit Pass	203-M	strat column		early Miocene Relizian Stage
23118	Panorama Hills	13262	3	Recruit Pass	203-M	strat column		early Miocene Relizian Stage
23119	Panorama Hills	13262	4	Recruit Pass	203-M	strat column		early Miocene Relizian Stage
23120	Panorama Hills	13262	5	Recruit Pass	203-M	strat column		early Miocene Relizian Stage
23121	Panorama Hills	13262	6	Recruit Pass	203-M	strat column		early Miocene Relizian Stage
23122	Panorama Hills	13262	7	Recruit Pass	203-M	strat column		early Miocene Relizian Stage
23123	Panorama Hills	13262	8	Recruit Pass	203-M	strat column		early Miocene Relizian Stage
23124	Panorama Hills	13262	9	Recruit Pass	203-M	strat column		early Miocene Relizian Stage
23125	Panorama Hills	13262	10	Recruit Pass	203-M	strat column		early Miocene Relizian Stage
23126	Panorama Hills	13262	11	Recruit Pass	203-M	strat column		early Miocene Relizian Stage
23127	Panorama Hills	13262	12	Recruit Pass	203-M	strat column		early Miocene Relizian Stage
23128	Panorama Hills	13262	13	Recruit Pass	203-M	strat column		early Miocene Relizian Stage
23129	Panorama Hills	13262	14	Recruit Pass	203-M	strat column		early Miocene Relizian Stage
23130	Panorama Hills	13262	15	Recruit Pass	203-M	strat column		early Miocene Relizian Stage
23131	Panorama Hills	13262	16	Recruit Pass	203-M	strat column		early Miocene Relizian Stage
23132	Panorama Hills	13262	17	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23133	Panorama Hills	13262	18	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23134	Panorama Hills	13262	19	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23135	Panorama Hills	13262	20	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23136	Panorama Hills	13262	21	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23137	Panorama Hills	13262	22	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23138	Panorama Hills	13262	23	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23139	Panorama Hills	13262	24	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23140	Panorama Hills	13262	25	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23141	Panorama Hills	13262	26	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23142	Panorama Hills	13262	27	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23143	Panorama Hills	13262	28	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23144	Panorama Hills	13262	30	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23145	Panorama Hills	13262	32	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23146	Panorama Hills	13262	34	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23147	Panorama Hills	13262	35	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23148	Panorama Hills	13262	36	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23149	Panorama Hills	13262	37	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23150	Panorama Hills	13262	38	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23151	Panorama Hills	13262	39	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23152	Panorama Hills	13262	40	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23153	Panorama Hills	13262	43	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23154	Panorama Hills	13262	44	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23155	Panorama Hills	13262	45	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23156	Panorama Hills	13262	46	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23157	Panorama Hills	13262	47	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23158	Panorama Hills	13262	48	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23159	Panorama Hills	13262	50	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23160	Panorama Hills	13262	51	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23161	Panorama Hills	13262	52	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23162	Panorama Hills	13262	56	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23163	Panorama Hills	13262	58	Recruit Pass	203-M	strat column		early Miocene Saucesian Stage
23164	Panorama Hills	13262	62	Recruit Pass	203-N	strat column		early Miocene Saucesian Stage
23165	Panorama Hills	13262	66	Recruit Pass	203-N	strat column		early Miocene Saucesian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
23166	Panorama Hills	13262	67	Recruit Pass	203-N	strat column		early Miocene Saucesian Stage
23167	Panorama Hills	13262	68	Recruit Pass	203-N	strat column		early Miocene Saucesian Stage
23168	Panorama Hills	13262	69	Recruit Pass	203-N	strat column		early Miocene Saucesian Stage
23169	Panorama Hills	13262	70	Recruit Pass	203-N	strat column		early Miocene Saucesian Stage
23170	Panorama Hills	13262	71	Recruit Pass	203-N	strat column		early Miocene Saucesian Stage
23171	Panorama Hills	13262	73	Recruit Pass	203-N	strat column		early Miocene Saucesian Stage
23172	Panorama Hills	13262	74	Recruit Pass	203-N	strat column		early Miocene Saucesian Stage
23173	Panorama Hills	13262	75	Recruit Pass	203-N	strat column		early Miocene Saucesian Stage
23174	Panorama Hills	13262	76	Recruit Pass	203-N	strat column		early Miocene Saucesian Stage
23175	Panorama Hills	13262	77	Recruit Pass	203-N	strat column		early Miocene Saucesian Stage
23176	Panorama Hills	13262	78	Recruit Pass	203-N	strat column		early Miocene Saucesian Stage
23177	Panorama Hills	13262	79	Recruit Pass	203-N	strat column		early Miocene Saucesian Stage
23178	Panorama Hills	13262	80	Recruit Pass	203-N	strat column		early Miocene Saucesian Stage
23179	Panorama Hills	13262	81	Recruit Pass	203-N	strat column		early Miocene Saucesian Stage
23180	Panorama Hills	13262	82	Recruit Pass	203-N	strat column		early Miocene Saucesian Stage
23181	Panorama Hills	13262	83	Recruit Pass	203-N	strat column		early Miocene Saucesian Stage
23182	Panorama Hills	13262	84	Recruit Pass	203-N	strat column		Oligocene Zemorrian Stage
23183	Panorama Hills	13262	85	Recruit Pass	203-N	strat column		Oligocene Zemorrian Stage
23184	Panorama Hills	13262	87	Recruit Pass	203-N	strat column		Oligocene Zemorrian Stage
23185	Panorama Hills	13262	93	Recruit Pass	203-N	strat column		Oligocene Zemorrian Stage
23186	Panorama Hills	13262	95	Recruit Pass	203-N	strat column		Oligocene Zemorrian Stage
23187	Panorama Hills	13262	96	Recruit Pass	203-N	strat column		Oligocene Zemorrian Stage
23188	Panorama Hills	13262	106	Recruit Pass	203-N	strat column		Oligocene Zemorrian Stage
23189	Panorama Hills	13262	108	Recruit Pass	203-N	strat column		Oligocene Zemorrian Stage
23190	Panorama Hills	13262	109	Recruit Pass	203-N	strat column		Oligocene Zemorrian Stage
23191	Panorama Hills	13262	110	Recruit Pass	203-N	strat column		Oligocene Zemorrian Stage
23192	Panorama Hills	13262	111	Recruit Pass	203-N	strat column		Oligocene Zemorrian Stage
23193	Mount Vaca	13292		S of Putnam Peak	205-N	age based on strat	position	early Eocene C Zone
23194	Mount Vaca	13293		SE part of quad	no slide			early Eocene C? Zone
23195	Mount Vaca	13294		S of Oakdale Schl	205-N			early Eocene C Zone
23196	Saunders Reef	13306		NE of Galloway	142-H	Point Arena 15'	age from map	early Miocene
23197	Saunders Reef	13306	A	NE of Galloway	142-H	Point Arena 15'	age from map	early Miocene
23198	Saunders Reef	13306	B	NE of Galloway	142-H	Point Arena 15'	age from map	early Miocene
23199	Saunders Reef	13306	C	NE of Galloway	142-H	Point Arena 15'	age from map	early Miocene
23200	Saunders Reef	13306	E	NE of Galloway	142-H	Point Arena 15'	age from map	early Miocene
23201	Saunders Reef	13306	F	NE of Galloway	142-H	Point Arena 15'	age from map	early Miocene
23202	Saunders Reef	13306	G	NE of Galloway	142-H	Point Arena 15'	age from map	early Miocene
23203	Point Arena	13324		Buckridge Road	142-H			Eocene
23204	Point Arena	13326	B	Galloway Creek	142-H			Eocene
23205	Point Arena	13327		Galloway Creek	142-H			Eocene
23206	Point Arena	13328		Galloway Creek	142-H			Eocene
23207	Point Arena	13329		Ross Creek	142-H			early Miocene
23208	Point Arena	13332	A	Moat Creek	142-H			Eocene
23209	Point Arena	13332	B	Moat Creek	142-H			Eocene
23210	Point Arena	13333	A	Moat Creek	142-H			Eocene
23211	Point Arena	13333	B	Moat Creek	142-H			Eocene
23212	Point Arena	13334		Moat Creek	142-H			Eocene
23213	Point Arena	13340		Moat Creek	142-H			early Miocene
23214	Point Arena	13341		Moat Creek	142-H			early Miocene
23215	Point Arena	13342		Moat Creek	142-H			early Miocene
23216	Point Arena	13345		N of Mountain V Rd	142-H			early Miocene
23217	Point Arena	13346		N of Mountain V Rd	142-H			early Miocene
23218	Point Arena	13349		S of Garcia River	142-H			early Miocene
23219	Point Arena	13350		N of Riverside Rd	142-H			early Miocene
23220	Idria	13354		Larious Creek	211-F			Cretaceous
23221	Idria	13355		Larious Creek	211-F			Cretaceous
23222	Idria	13356		Larious Creek	211-F			Cretaceous
23223	Idria	13357		Larious Creek	211-F			Cretaceous
23224	Idria	13358		Larious Creek	211-F			Cretaceous
23225	Idria	13359		Larious Creek	211-F			Cretaceous
23226	Idria	13360		San Carlos Creek	211-F			early Eocene C zone
23227	Ciervo Mountain	13361		Cantua Creek	211-G			Cretaceous?
23228	Ciervo Mountain	13362		San Carlos Bolsa	211-G			early Eocene D Zone
23229	San Benito	13600		Payne Creek	181-J	San Benito 15'	LSJU Stanford	middle Eocene A-2 Zone
23230	San Benito	13602		Payne Creek	181-J	San Benito 15'	LSJU Stanford	middle Eocene A-2 Zone
23231	San Benito	13603	A	Payne Creek	181-J	San Benito 15'	LSJU Stanford	middle Eocene A-2 Zone
23232	San Benito	13603	B	Payne Creek	181-J	San Benito 15'	LSJU Stanford	middle Eocene A-2 Zone
23233	San Benito	13603	C	Payne Creek	181-J	San Benito 15'	LSJU Stanford	middle Eocene A-2 Zone
23234	San Benito	13604	A	Payne Creek	181-J	San Benito 15'	LSJU Stanford	Late Cretaceous E or F Zone
23235	San Benito	13606	A	Payne Creek	181-J	San Benito 15'	LSJU Stanford	Late Cretaceous C or D Zone
23236	San Benito	13606	B	Payne Creek	181-J	San Benito 15'	LSJU Stanford	Late Cretaceous C or D Zone
23237	San Benito	13609		Payne Creek	181-J	San Benito 15'	LSJU Stanford	late Eocene Narizian or Refugian Stage
23238	San Benito	13611	A	Payne Creek	181-J	San Benito 15'	LSJU Stanford	Late Cretaceous F or G-1 Zone
23239	San Benito	13611	B	Payne Creek	181-J	San Benito 15'	LSJU Stanford	Late Cretaceous F or G-1 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
23240	San Benito	13612		Payne Creek	181-J	San Benito 15'	LSJU Stanford	Late Cretaceous E, F, or G-1 Zone
23241	San Benito	13620		Bear Canyon	181-J	San Benito 15'	LSJU Stanford	middle Eocene A-2 Zone
23242	San Benito	13621		Big Oak Flat	181-J	San Benito 15'	LSJU Stanford	Late Cretaceous arenaceous foraminifers
23243	San Benito	13622		Horsethief Cyn	181-J	San Benito 15'	LSJU Stanford	early Eocene C Zone
23244	San Benito	13623		Bitterwater Cyn	181-J	San Benito 15'	LSJU Stanford	middle Eocene A-2 Zone
23245	San Benito	13626	A	Payne Creek	181-J	San Benito 15'	LSJU Stanford	Late Cretaceous arenaceous foraminifers
23246	San Benito	13626	B	Payne Creek	181-J	San Benito 15'	LSJU Stanford	Late Cretaceous arenaceous foraminifers
23247	San Benito	13636		36/15S/8E (SLP)	181-J	San Benito 15'	LSJU Stanford	Late Cretaceous arenaceous foraminifers
23248	San Benito	13637		36/15S/8E (SLP)	181-J	San Benito 15'	LSJU Stanford	Late Cretaceous arenaceous foraminifers
23249	San Benito	13638		Payne Creek	181-J	San Benito 15'	LSJU Stanford	Late Cretaceous C or D-1 Zone
23250	San Benito	13639		12/16S/8E (SLP)	181-J	San Benito 15'	LSJU Stanford	late Eocene
23251	Llanada	13641		Moody Canyon	181-J	Panoche Valley 15'	LSJU Enos	late Paleocene E Zone
23252	Llanada	13642		Moody Canyon	181-J	Panoche Valley 15'	LSJU Enos	Late Cretaceous or Paleocene
23253	Llanada	13645		Moody Canyon	181-J	Panoche Valley 15'	LSJU Enos	early Eocene D Zone
23254	Reliz Canyon	13659		Vaqueros Creek	211-C	Lucia Shale	abun planktics	Eocene
23255	Reliz Canyon	13660		SE corner quad	211-C	Lucia Shale	abun planktics	Eocene
23256	Reliz Canyon	13661		Reliz Creek	211-C	Lucia Shale	abun planktics	Eocene
23257	Reliz Canyon	13662		N of Leigh Ranch	211-C	Rocks SS lens	abun planktics	Eocene
23258	Reliz Canyon	13663		Vaqueros Creek	211-C	Rocks SS lens	abun planktics	Eocene
23259	Reliz Canyon	13667		E of The Rocks	211-C	Monterey Shale		middle Miocene
23260	Reliz Canyon	13668		Vaqueros Creek	211-C	Monterey Shale		middle Miocene
23261	Paraiso Springs	13670		NW part of quad	211-C	Reliz Creek	reworked fms	Pliocene
23262	Denverton	13674		Kirby Hills	130-M	Conflict with Eoc	not on map	Late Cretaceous arenaceous foraminifers
23263	Denverton	13676		Kirby Hills	130-M	on geol map	not on map	Late Cretaceous F or G-1 Zone
23264	Vine Hill	13716	1	NW of Vine Hill	8-H	Carquinez 15'	age from map	Late Cretaceous E Zone
23265	Vine Hill	13716	2	NW of Vine Hill	8-H	Carquinez 15'	age from map	Late Cretaceous E Zone
23266	Vine Hill	13716	4	NW of Vine Hill	8-H	Carquinez 15'	age from map	Late Cretaceous E Zone
23267	Vine Hill?	13717	1	not on map	8-H		flood rads	Eocene
23268	Vine Hill?	13717	2	not on map	8-H			Eocene
23269	Tassajara	13721		NE corner of quad	no slide	age based on rad	IPC sample	Late Cretaceous G-2 Zone
23270	Tassajara	13722		NE corner of quad	no slide		IPC sample	Late Cretaceous G-2 Zone
23271	Crescent City	13729	3	W of airport	103-J	Crescent City 15'	age from map	Pliocene?
23272	Crescent City	13729	4	S of airport	103-J	Crescent City 15'	age from map	Pliocene?
23273	Gualala	13746	826	SW of Wildwood Rn	53-D	Pt Arena 15'		Paleocene and/or early Eocene
23274	Gualala	13747	828	W of fleming Ck	53-D	Pt Arena 15'		Cretaceous
23275	Gualala	13748	853	Fish Rock Gulch	53-D	Pt Arena 15'		Cretaceous
23276	Gualala	13753	1001	Fish Rock Beach	53-D	Pt Arena 15'	NP age	Late Cretaceous E Zone
23277	Gualala	13754	1002	NW of Steens Lndg	53-D	Pt Arena 15'		early Tertiary
23278	Stewarts Point	13755	1003	Del Mar Point	53-D			Eocene
23279	Stewarts Point	13757	1005	SE of Del Mar Pt	53-D		NP age	Late Cretaceous arenaceous foraminifers and NP
23280	Stewarts Point	13761	1009	Fishermans Bay	53-D			Late Cretaceous
23281	Plantation	13764	1012	Fisk Mill cove	53-D			Late Cretaceous F-1 zone
23282	Plantation	13766	1014	Ocean Cove	53-D			Eocene
23283	Gualala	13769	1017	WC part of quad	53-D	Pt Arena 15'	NP age	Late Cretaceous
23284	Gualala	13770	1018	not on map	53-D	Pt Arena 15'		see Wentworth Stanford PhD thesis
23285	Vine Hill	13773		SE of Maltby	140-M			late Eocene
23286	Vine Hill	13774		N of Vine Hill	140-M		Cenomanian	Late Cretaceous I Zone
23287	Fairfield South	13776		SW corner of quad	no slide		not on map	Late Cretaceous F-2 Zone
23288	Vine Hill	13776		NW corner of quad	140-M		age from map	Late Cretaceous E Zone
23289	Walnut Creek	13778	799	SW of IOOF Cem	114-C		flood planktics	early Eocene C Zone
23290	Cuttings Wharf	13780		SE of Thompson	114-C			late Paleocene or early Eocene
23291	Napa	13781		Redwood Canyon	114-C	Sonoma 15'		Cretaceous arenaceous foraminifers
23292	Napa	13782		Redwood Canyon	no slide	Sonoma 15'		late Paleocene E Zone
23293	Napa	13783		Redwood Canyon	no slide	Sonoma 15'		Eocene?
23294	Rutherford	13784		Dry Creek	114-C	Sonoma 15'	not on map	Early Cretaceous arenaceous foraminifers
23295	Rutherford	13786		Dry Creek	114-C	Sonoma 15'		Early Cretaceous arenaceous foraminifers
23296	Capell Valley	13790		Munsen Ranch	no slide			Early? Cretaceous
23297	Alcalde Hills	13793		center of quad	no slide	Coalinga 15'	age from map	Eocene
23298	The Dark Hole	13856	1	Pinoso Arroyo	101-G			Late Cretaceous G or H Zone
23299	The Dark Hole	13856	2	Pinoso Arroyo	101-G			Late Cretaceous G or H Zone
23300	The Dark Hole	13856	3	Pinoso Arroyo	101-G			Late Cretaceous G or H Zone
23301	The Dark Hole	13856	4	Pinoso Arroyo	101-G			Late Cretaceous G or H Zone
23302	The Dark Hole	13856	5	Pinoso Arroyo	101-G			Late Cretaceous G or H Zone
23303	The Dark Hole	13856	6	Pinoso Arroyo	101-G			Late Cretaceous G or H Zone
23304	The Dark Hole	13856	7	Pinoso Arroyo	101-G			Late Cretaceous G or H Zone
23305	The Dark Hole	13856	8	Pinoso Arroyo	101-G			Late Cretaceous G or H Zone
23306	The Dark Hole	13856	9	Pinoso Arroyo	101-G			Late Cretaceous G or H Zone
23307	The Dark Hole	13856	10	Pinoso Arroyo	101-G			Late Cretaceous G or H Zone
23308	The Dark Hole	13856	11	Pinoso Arroyo	101-G			Late Cretaceous G or H Zone
23309	The Dark Hole	13856	12	Pinoso Arroyo	101-G			Late Cretaceous G or H Zone
23310	The Dark Hole	13856	13	Pinoso Arroyo	101-G			Late Cretaceous G or H Zone
23311	The Dark Hole	13856	14	Pinoso Arroyo	101-G			Late Cretaceous G or H Zone
23312	The Dark Hole	13856	15	Pinoso Arroyo	101-G			Late Cretaceous G or H Zone
23313	The Dark Hole	13856	16	Pinoso Arroyo	101-G			Late Cretaceous G or H Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
23314	The Dark Hole	13856	17	Pinoso Arroyo	101-G			Late Cretaceous G or H Zone
23315	The Dark Hole	13856	18	Pinoso Arroyo	101-G			Late Cretaceous G or H Zone
23316	The Dark Hole	13856	19	Pinoso Arroyo	101-G			Early Cretaceous J-1 Zone
23317	The Dark Hole	13857	1	Reese Canyon	101-G		age from map	Late Cretaceous G-1 Zone
23318	The Dark Hole	13857	2	Reese Canyon	101-G		age from map	Late Cretaceous G-1 Zone
23319	Curry Mountain	13858	1	Warthan Canyon	213-A	Coalinga 15'	age from lab	Late Cretaceous G-2 Zone
23320	Curry Mountain	13858	2	Warthan Canyon	213-A	Coalinga 15'	age from lab	Late Cretaceous G-2 Zone
23321	Curry Mountain	13858	3	Warthan Canyon	213-A	Coalinga 15'	age from lab	Late Cretaceous G-2 Zone
23322	Curry Mountain	13858	4	Warthan Canyon	213-A	Coalinga 15'	age from lab	Late Cretaceous G-2 Zone
23323	Curry Mountain	13858	5	Warthan Canyon	213-A	Coalinga 15'	age from lab	Late Cretaceous G-2 Zone
23324	Curry Mountain	13858	6	Warthan Canyon	213-A	Coalinga 15'	age from lab	Late Cretaceous G-2 Zone
23325	Curry Mountain	13858	7	Warthan Canyon	213-A	Coalinga 15'	age from lab	Late Cretaceous G-2 Zone
23326	Curry Mountain	13858	8	Warthan Canyon	213-A	Coalinga 15'	age from lab	Late Cretaceous G-2 Zone
23327	Curry Mountain	13858	9	Warthan Canyon	213-A	Coalinga 15'	age from lab	Late Cretaceous G-2 Zone
23328	Curry Mountain	13858	10	Warthan Canyon	213-A	Coalinga 15'	age from lab	Late Cretaceous G-2 Zone
23329	Curry Mountain	13858	11	Warthan Canyon	213-A	Coalinga 15'	age from lab	Late Cretaceous G-2 Zone
23330	Curry Mountain	13858	12	Warthan Canyon	213-A	Coalinga 15'	age from lab	Late Cretaceous G-2 Zone
23331	Curry Mountain	13858	13	Warthan Canyon	213-A	Coalinga 15'	age from lab	Late Cretaceous G-2 Zone
23332	Curry Mountain	13858	14	Warthan Canyon	213-A	Coalinga 15'	age from lab	Late Cretaceous G-2 Zone
23333	Curry Mountain	13858	15	Warthan Canyon	213-A	Coalinga 15'	age from lab	Late Cretaceous G-2 Zone
23334	Curry Mountain	13858	16	Warthan Canyon	213-A	Coalinga 15'	age from map	Late Cretaceous H Zone
23335	Curry Mountain	13858	17	Warthan Canyon	213-A	Coalinga 15'	age from lab	Late Cretaceous G-2 Zone
23336	Curry Mountain	13858	19	Warthan Canyon	213-A	Coalinga 15'	age from lab	Late Cretaceous G-2 Zone
23337	Curry Mountain	13858	20	Warthan Canyon	213-A	Coalinga 15'	age from lab	Late Cretaceous G-2 Zone
23338	The Dark Hole	13859	13	Canoas Creek	71-A			Late Cretaceous H Zone
23339	The Dark Hole	13859	16	Canoas Creek	71-A		age from map	Late Cretaceous H Zone
23340	Garza Peak	13860	1	Big Tar Canyon	90-L			Cretaceous arenaceous foraminifers
23341	Garza Peak	13860	5	Big Tar Canyon	90-L			Cretaceous arenaceous foraminifers
23342	Garza Peak	13860	6	Big Tar Canyon	90-L			Cretaceous arenaceous foraminifers
23343	Garza Peak	13860	7	Big Tar Canyon	90-L			Cretaceous arenaceous foraminifers
23344	Garza Peak	13860	8	Big Tar Canyon	90-L			Cretaceous arenaceous foraminifers
23345	Garza Peak	13860	9	Big Tar Canyon	90-L			Cretaceous arenaceous foraminifers
23346	Garza Peak	13860	10	Big Tar Canyon	90-L			Cretaceous arenaceous foraminifers
23347	Garza Peak	13860	11A	Big Tar Canyon	90-L			Cretaceous arenaceous foraminifers
23348	Garza Peak	13860	12A	Big Tar Canyon	90-L			Cretaceous arenaceous foraminifers
23349	Garza Peak	13860	12B	Big Tar Canyon	90-L			Cretaceous arenaceous foraminifers
23350	Garza Peak	13860	13	Big Tar Canyon	90-L			Cretaceous arenaceous foraminifers
23351	Garza Peak	13860	14	Big Tar Canyon	90-L			Cretaceous arenaceous foraminifers
23352	Diablo	13887		South Gate Road	241-G	11/1S/1W (SLP)	age inferred	Early Cretaceous arenaceous foraminifers
23353	Denverton	13900	25	Broadmore Island	218-N	auger samples	age from map	Cretaceous arenaceous foraminifers
23354	Denverton	13900	50A	Broadmore Island	218-N	13/4N/1W (SLP)	auger samples	Cretaceous arenaceous foraminifers
23355	Denverton	13900	55	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous arenaceous foraminifers
23356	Denverton	13901		Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous arenaceous foraminifers
23357	Denverton	13902	45A	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous arenaceous foraminifers
23358	Denverton	13902	55	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous arenaceous foraminifers
23359	Denverton	13903	30	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous arenaceous foraminifers
23360	Denverton	13903	50	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous arenaceous foraminifers
23361	Denverton	13903	60	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous arenaceous foraminifers
23362	Denverton	13904	35A	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous arenaceous foraminifers
23363	Denverton	13904	40	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous arenaceous foraminifers
23364	Denverton	13904	40A	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous arenaceous foraminifers
23365	Denverton	13905	45	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous arenaceous foraminifers
23366	Denverton	13905	55	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous arenaceous foraminifers
23367	Denverton	13906	40	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous arenaceous foraminifers
23368	Denverton	13906	55	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous arenaceous foraminifers
23369	Denverton	13906	55A	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous arenaceous foraminifers
23370	Denverton	13907	45	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous arenaceous foraminifers
23371	Denverton	13907	55	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous arenaceous foraminifers
23372	Denverton	13907	55BS	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous arenaceous foraminifers
23373	Denverton	13908	15	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous arenaceous foraminifers
23374	Denverton	13909	40	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene
23375	Denverton	13909	50	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene
23376	Denverton	13910	50	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene
23377	Denverton	13910	60A	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene
23378	Denverton	13911	25	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene
23379	Denverton	13911	60	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene
23380	Denverton	13911	55	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene
23381	Denverton	13912	35	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene
23382	Denverton	13912	40	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene
23383	Denverton	13913		Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene
23384	Denverton	13914		Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene
23385	Denverton	13915		Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene
23386	Denverton	13916		Meins Landing	224-J	13/4N/1W (SLP)	Pittsburg 15'	Eocene
23387	Denverton	13917	60	Meins Landing	224-I	6/3N/1E (SLP)	Pittsburg 15'	Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
23388	Denverton	13917	60A	Meins Landing	224-I	6/3N/1E (SLP)	Pittsburg 15'	Eocene
23389	Denverton	13917	60B	Meins Landing	224-I	6/3N/1E (SLP)	Pittsburg 15'	Eocene
23390	Denverton	13918	55	Meins Landing	224-J	6/3N/1E (SLP)	Pittsburg 15'	Eocene
23391	Denverton	13918	60	Meins Landing	224-J	6/3N/1E (SLP)	Pittsburg 15'	Eocene
23392	Byron Hot Springs	13923		Vasco Road	no slide	14/1S/2E (SLP)		Late Cretaceous F-2 Zone
23393	Byron Hot Springs	13924		Vasco Road	no slide			Late Cretaceous F-2 Zone
23394	Branch Mountain	13925		NE corner of quad	no slide	mollusks, forams	planktics	Eocene?
23395	Elkhorn Hills	13927	1	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23396	Elkhorn Hills	13927	7	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23397	Elkhorn Hills	13927	9	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23398	Elkhorn Hills	13927	15	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23399	Elkhorn Hills	13927	19	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23400	Elkhorn Hills	13927	20	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23401	Elkhorn Hills	13927	25	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23402	Elkhorn Hills	13927	30	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23403	Elkhorn Hills	13927	32	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23404	Elkhorn Hills	13927	33	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23405	Elkhorn Hills	13927	35	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23406	Elkhorn Hills	13927	37	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23407	Elkhorn Hills	13927	39	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23408	Elkhorn Hills	13927	40	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23409	Elkhorn Hills	13927	41	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23410	Elkhorn Hills	13927	42	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23411	Elkhorn Hills	13927	43	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23412	Elkhorn Hills	13927	46	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23413	Elkhorn Hills	13927	47	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23414	Elkhorn Hills	13927	50	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23415	Elkhorn Hills	13927	51	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23416	Elkhorn Hills	13927	52	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23417	Elkhorn Hills	13927	53	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23418	Elkhorn Hills	13927	55	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23419	Elkhorn Hills	13927	57	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23420	Elkhorn Hills	13927	59	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23421	Elkhorn Hills	13927	60	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23422	Elkhorn Hills	13927	61	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23423	Elkhorn Hills	13927	62	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23424	Elkhorn Hills	13927	64	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23425	Elkhorn Hills	13927	69	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23426	Elkhorn Hills	13927	78	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23427	Elkhorn Hills	13927	79	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23428	Elkhorn Hills	13927	80	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23429	Elkhorn Hills	13927	81	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23430	Elkhorn Hills	13927	83	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23431	Elkhorn Hills	13927	84	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23432	Elkhorn Hills	13927	86	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23433	Elkhorn Hills	13927	88	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23434	Elkhorn Hills	13927	90	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23435	Elkhorn Hills	13927	91	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23436	Elkhorn Hills	13927	96	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23437	Elkhorn Hills	13927	98	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23438	Elkhorn Hills	13927	100	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23439	Elkhorn Hills	13927	102	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23440	Elkhorn Hills	13927	104	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23441	Elkhorn Hills	13927	106	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23442	Elkhorn Hills	13927	110	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23443	Elkhorn Hills	13927	112	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23444	Elkhorn Hills	13927	114	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23445	Elkhorn Hills	13927	115	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23446	Elkhorn Hills	13927	117	Twenty One Cyn	221-K	strat column and	check list	late Miocene
23447	Elkhorn Hills	13927	121	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23448	Elkhorn Hills	13927	123	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23449	Elkhorn Hills	13927	125	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23450	Elkhorn Hills	13927	128	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23451	Elkhorn Hills	13927	129	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23452	Elkhorn Hills	13927	131	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23453	Elkhorn Hills	13927	133	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23454	Elkhorn Hills	13927	136	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23455	Elkhorn Hills	13927	138	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23456	Elkhorn Hills	13927	140	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23457	Elkhorn Hills	13927	142	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23458	Elkhorn Hills	13927	143	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23459	Elkhorn Hills	13927	144	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23460	Elkhorn Hills	13927	145	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23461	Elkhorn Hills	13927	147	Twenty One Cyn	221-L	strat column and	check list	late Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
23462	Elkhorn Hills	13927	149	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23463	Elkhorn Hills	13927	150	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23464	Elkhorn Hills	13927	151	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23465	Elkhorn Hills	13927	152	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23466	Elkhorn Hills	13927	153	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23467	Elkhorn Hills	13927	154	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23468	Elkhorn Hills	13927	156	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23469	Elkhorn Hills	13927	158	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23470	Elkhorn Hills	13927	159	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23471	Elkhorn Hills	13927	161	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23472	Elkhorn Hills	13927	162	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23473	Elkhorn Hills	13927	163	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23474	Elkhorn Hills	13927	166	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23475	Elkhorn Hills	13927	168	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23476	Elkhorn Hills	13927	170	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23477	Elkhorn Hills	13927	173	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23478	Elkhorn Hills	13927	174	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23479	Elkhorn Hills	13927	176	Twenty One Cyn	221-L	strat column and	check list	late Miocene
23480	Maricopa	13928	1	NW corner quad	93-I	strat column		late Miocene
23481	Maricopa	13928	3	NW corner quad	93-I	strat column		late Miocene
23482	Maricopa	13928	5	NW corner quad	93-I	strat column		late Miocene
23483	Maricopa	13928	6	NW corner quad	93-I	strat column		late Miocene
23484	Maricopa	13928	8	NW corner quad	93-I	strat column		late Miocene
23485	Maricopa	13928	11	NW corner quad	93-I	strat column		late Miocene
23486	Maricopa	13928	18	NW corner quad	93-I	strat column		late Miocene
23487	Maricopa	13928	20	NW corner quad	93-I	strat column		late Miocene
23488	Maricopa	13928	48	NW corner quad	93-I	strat column		late Miocene
23489	Maricopa	13928	120	NW corner quad	93-I	strat column		late Miocene
23490	Maricopa	13928	122	NW corner quad	93-I	strat column		late Miocene
23491	Panorama Hills	13929	1	E of Crocker Flat	187-A	Dabney-Mocal		middle and late Miocene
23492	Panorama Hills	13929	2	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23493	Panorama Hills	13929	3	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23494	Panorama Hills	13929	10	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23495	Panorama Hills	13929	13	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23496	Panorama Hills	13929	17	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23497	Panorama Hills	13929	20	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23498	Panorama Hills	13929	21	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23499	Panorama Hills	13929	22	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23500	Panorama Hills	13929	23	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23501	Panorama Hills	13929	27	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23502	Panorama Hills	13929	28	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23503	Panorama Hills	13929	30	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23504	Panorama Hills	13929	37	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23505	Panorama Hills	13929	39	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23506	Panorama Hills	13929	40	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23507	Panorama Hills	13929	41	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23508	Panorama Hills	13929	43	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23509	Panorama Hills	13929	45	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23510	Panorama Hills	13929	46	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23511	Panorama Hills	13929	47	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23512	Panorama Hills	13929	48	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23513	Panorama Hills	13929	49	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23514	Panorama Hills	13929	50	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23515	Panorama Hills	13929	51	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23516	Panorama Hills	13929	52	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23517	Panorama Hills	13929	53	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23518	Panorama Hills	13929	54	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23519	Panorama Hills	13929	55	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23520	Panorama Hills	13929	56	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23521	Panorama Hills	13929	57	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23522	Panorama Hills	13929	59	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23523	Panorama Hills	13929	60	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23524	Panorama Hills	13929	61	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23525	Panorama Hills	13929	62	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23526	Panorama Hills	13929	63	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23527	Panorama Hills	13929	64	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23528	Panorama Hills	13929	65	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23529	Panorama Hills	13929	66	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23530	Panorama Hills	13929	67	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23531	Panorama Hills	13929	68	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23532	Panorama Hills	13929	69	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23533	Panorama Hills	13929	70	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23534	Panorama Hills	13929	72	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23535	Panorama Hills	13929	73	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
23536	Panorama Hills	13929	74	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23537	Panorama Hills	13929	75	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23538	Panorama Hills	13929	76	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23539	Panorama Hills	13929	78	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23540	Panorama Hills	13929	79	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23541	Panorama Hills	13929	81	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23542	Panorama Hills	13929	83	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23543	Panorama Hills	13929	84	E of Crocker Flat	187-A	strat column and	check list	middle and late Miocene
23544	Panorama Hills	13930	1	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23545	Panorama Hills	13930	3	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23546	Panorama Hills	13930	4	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23547	Panorama Hills	13930	5	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23548	Panorama Hills	13930	7	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23549	Panorama Hills	13930	8	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23550	Panorama Hills	13930	9	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23551	Panorama Hills	13930	10	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23552	Panorama Hills	13930	11	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23553	Panorama Hills	13930	12	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23554	Panorama Hills	13930	14	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23555	Panorama Hills	13930	16	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23556	Panorama Hills	13930	19	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23557	Panorama Hills	13930	22	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23558	Panorama Hills	13930	35	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23559	Panorama Hills	13930	38A	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23560	Panorama Hills	13930	40	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23561	Panorama Hills	13930	41	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23562	Panorama Hills	13930	44	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23563	Panorama Hills	13930	45	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23564	Panorama Hills	13930	47	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23565	Panorama Hills	13930	50	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23566	Panorama Hills	13930	56	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23567	Panorama Hills	13930	58	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23568	Panorama Hills	13930	60	Crocker Canyon	221-L	strat column and	check list	middle and late Miocene
23569	Panorama Hills	13930	61	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23570	Panorama Hills	13930	63	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23571	Panorama Hills	13930	67	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23572	Panorama Hills	13930	68	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23573	Panorama Hills	13930	70	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23574	Panorama Hills	13930	71	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23575	Panorama Hills	13930	72	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23576	Panorama Hills	13930	84	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23577	Panorama Hills	13930	86	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23578	Panorama Hills	13930	91	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23579	Panorama Hills	13930	94	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23580	Panorama Hills	13930	95	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23581	Panorama Hills	13930	97	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23582	Panorama Hills	13930	99	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23583	Panorama Hills	13930	100	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23584	Panorama Hills	13930	102	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23585	Panorama Hills	13930	103	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23586	Panorama Hills	13930	106	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23587	Panorama Hills	13930	107	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23588	Panorama Hills	13930	154	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23589	Panorama Hills	13930	155	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23590	Panorama Hills	13930	158	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23591	Panorama Hills	13930	162	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23592	Panorama Hills	13930	168	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23593	Panorama Hills	13930	178	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23594	Panorama Hills	13930	182	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23595	Panorama Hills	13930	184	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23596	Panorama Hills	13930	190	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23597	Panorama Hills	13930	191	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23598	Panorama Hills	13930	192	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23599	Panorama Hills	13930	193	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23600	Panorama Hills	13930	195	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23601	Panorama Hills	13930	197	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23602	Panorama Hills	13930	201	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23603	Panorama Hills	13930	216	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23604	Panorama Hills	13930	226	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23605	Panorama Hills	13930	227	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23606	Panorama Hills	13930	237	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23607	Panorama Hills	13930	238	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23608	Panorama Hills	13930	241	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23609	Panorama Hills	13930	244	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
23610	Panorama Hills	13930	245	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23611	Panorama Hills	13930	246	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23612	Panorama Hills	13930	247	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23613	Panorama Hills	13930	248	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23614	Panorama Hills	13930	248B	Crocker Canyon	221-M	strat column and	check list	middle and late Miocene
23615	Panorama Hills	13930	249	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23616	Panorama Hills	13930	252	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23617	Panorama Hills	13930	253	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23618	Panorama Hills	13930	255	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23619	Panorama Hills	13930	256	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23620	Panorama Hills	13930	259	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23621	Panorama Hills	13930	260	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23622	Panorama Hills	13930	263	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23623	Panorama Hills	13930	264	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23624	Panorama Hills	13930	269	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23625	Panorama Hills	13930	270	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23626	Panorama Hills	13930	271	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23627	Panorama Hills	13930	272	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23628	Panorama Hills	13930	273	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23629	Panorama Hills	13930	274	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23630	Panorama Hills	13930	276	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23631	Panorama Hills	13930	277	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23632	Panorama Hills	13930	279	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23633	Panorama Hills	13930	280	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23634	Panorama Hills	13930	281	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23635	Panorama Hills	13930	283	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23636	Panorama Hills	13930	284	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23637	Panorama Hills	13930	285	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23638	Panorama Hills	13930	286	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23639	Panorama Hills	13930	287	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23640	Panorama Hills	13930	289	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23641	Panorama Hills	13930	290	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23642	Panorama Hills	13930	292	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23643	Panorama Hills	13930	293	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23644	Panorama Hills	13930	294	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23645	Panorama Hills	13930	296	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23646	Panorama Hills	13930	297	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23647	Panorama Hills	13930	298	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23648	Panorama Hills	13930	299	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23649	Panorama Hills	13930	302	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23650	Panorama Hills	13930	304	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23651	Panorama Hills	13930	306	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23652	Panorama Hills	13930	307	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23653	Panorama Hills	13930	308	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23654	Panorama Hills	13930	309	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23655	Panorama Hills	13930	310	Crocker Canyon	221-N	strat column and	check list	middle and late Miocene
23656	Fellows	13931	1	Midway Peak	221-J	strat column and	check list	middle and late Miocene
23657	Fellows	13931	2	Midway Peak	221-J	strat column and	check list	middle and late Miocene
23658	Fellows	13931	3	Midway Peak	221-J	strat column and	check list	middle and late Miocene
23659	Fellows	13931	4	Midway Peak	221-J	strat column and	check list	middle and late Miocene
23660	Fellows	13931	5	Midway Peak	221-J	strat column and	check list	middle and late Miocene
23661	Fellows	13931	6	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23662	Fellows	13931	8	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23663	Fellows	13931	8B	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23664	Fellows	13931	9A	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23665	Fellows	13931	9B	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23666	Fellows	13931	10	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23667	Fellows	13931	13	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23668	Fellows	13931	14	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23669	Fellows	13931	16	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23670	Fellows	13931	18	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23671	Fellows	13931	19	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23672	Fellows	13931	20	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23673	Fellows	13931	22	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23674	Fellows	13931	23	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23675	Fellows	13931	24	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23676	Fellows	13931	25	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23677	Fellows	13931	26	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23678	Fellows	13931	27	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23679	Fellows	13931	29	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23680	Fellows	13931	30	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23681	Fellows	13931	31	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23682	Fellows	13931	32	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23683	Fellows	13931	33	Midway Peak	221-I	strat column and	check list	middle and late Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
23684	Fellows	13931	34	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23685	Fellows	13931	35	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23686	Fellows	13931	36	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23687	Fellows	13931	37	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23688	Fellows	13931	38	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23689	Fellows	13931	40	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23690	Fellows	13931	43	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23691	Fellows	13931	44	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23692	Fellows	13931	45	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23693	Fellows	13931	46	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23694	Fellows	13931	47	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23695	Fellows	13931	48	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23696	Fellows	13931	49	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23697	Fellows	13931	50	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23698	Fellows	13931	51	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23699	Fellows	13931	52	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23700	Fellows	13931	53	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23701	Fellows	13931	55	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23702	Fellows	13931	56	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23703	Fellows	13931	57	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23704	Fellows	13931	58	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23705	Fellows	13931	59	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23706	Fellows	13931	60	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23707	Fellows	13931	61	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23708	Fellows	13931	62	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23709	Fellows	13931	64	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23710	Fellows	13931	65	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23711	Fellows	13931	66	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23712	Fellows	13931	67	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23713	Fellows	13931	68	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23714	Fellows	13931	69	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23715	Fellows	13931	70	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23716	Fellows	13931	72	Midway Peak	221-I	strat column and	check list	middle and late Miocene
23717	Fellows	13931	74	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23718	Fellows	13931	77	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23719	Fellows	13931	78	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23720	Fellows	13931	79	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23721	Fellows	13931	80	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23722	Fellows	13931	81	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23723	Fellows	13931	83	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23724	Fellows	13931	84	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23725	Fellows	13931	85	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23726	Fellows	13931	86	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23727	Fellows	13931	88	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23728	Fellows	13931	92	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23729	Fellows	13931	96	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23730	Fellows	13931	98	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23731	Fellows	13931	99	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23732	Fellows	13931	100	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23733	Fellows	13931	101	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23734	Fellows	13931	103	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23735	Fellows	13931	104	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23736	Fellows	13931	106	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23737	Fellows	13931	108	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23738	Fellows	13931	110	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23739	Fellows	13931	112	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23740	Fellows	13931	113	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23741	Fellows	13931	114	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23742	Fellows	13931	115A	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23743	Fellows	13931	117B2	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23744	Fellows	13931	117	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23745	Fellows	13931	118	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23746	Fellows	13931	120	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23747	Fellows	13931	121	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23748	Fellows	13931	122	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23749	Fellows	13931	123	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23750	Fellows	13931	124	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23751	Fellows	13931	125	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23752	Fellows	13931	126	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23753	Fellows	13931	128	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23754	Fellows	13931	129	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23755	Fellows	13931	130	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23756	Fellows	13931	131	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23757	Fellows	13931	133	Midway Peak	221-H	strat column and	check list	middle and late Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
23758	Fellows	13931	135	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23759	Fellows	13931	137	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23760	Fellows	13931	140	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23761	Fellows	13931	141	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23762	Fellows	13931	142	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23763	Fellows	13931	144	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23764	Fellows	13931	146	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23765	Fellows	13931	147	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23766	Fellows	13931	182	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23767	Fellows	13931	185	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23768	Fellows	13931	186	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23769	Fellows	13931	188	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23770	Fellows	13931	191	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23771	Fellows	13931	192	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23772	Fellows	13931	193	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23773	Fellows	13931	194	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23774	Fellows	13931	195	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23775	Fellows	13931	196	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23776	Fellows	13931	210	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23777	Fellows	13931	211	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23778	Fellows	13931	214	Midway Peak	221-H	strat column and	check list	middle and late Miocene
23779	Fellows	13932	1	McLeod Canyon	69-G	strat column	age from strat	late Miocene
23780	Fellows	13932	2	McLeod Canyon	69-G	strat column	column	late Miocene
23781	Fellows	13932	3	McLeod Canyon	69-G	strat column		late Miocene
23782	Fellows	13932	4	McLeod Canyon	69-G	strat column		late Miocene
23783	Fellows	13932	5	McLeod Canyon	69-G	strat column		late Miocene
23784	Fellows	13932	7	McLeod Canyon	69-G	strat column		late Miocene
23785	Fellows	13932	8	McLeod Canyon	69-G	strat column		late Miocene
23786	Fellows	13932	9	McLeod Canyon	69-G	strat column		late Miocene
23787	Fellows	13932	10	McLeod Canyon	69-G	strat column		late Miocene
23788	Fellows	13932	11	McLeod Canyon	69-G	strat column		late Miocene
23789	Fellows	13932	12	McLeod Canyon	69-G	strat column		late Miocene
23790	Fellows	13932	13	McLeod Canyon	69-G	strat column		late Miocene
23791	Fellows	13932	14	McLeod Canyon	69-G	strat column		late Miocene
23792	Fellows	13932	16	McLeod Canyon	69-G	strat column		late Miocene
23793	Fellows	13932	17	McLeod Canyon	69-G	strat column		late Miocene
23794	Fellows	13932	18	McLeod Canyon	69-G	strat column		late Miocene
23795	Fellows	13932	19	McLeod Canyon	69-G	strat column		late Miocene
23796	Fellows	13932	20	McLeod Canyon	69-G	strat column		late Miocene
23797	Fellows	13932	21	McLeod Canyon	69-G	strat column		late Miocene
23798	Fellows	13932	22	McLeod Canyon	69-G	strat column		late Miocene
23799	Fellows	13932	23	McLeod Canyon	69-G	strat column		late Miocene
23800	Fellows	13932	25	McLeod Canyon	69-G	strat column		late Miocene
23801	Fellows	13932	27	McLeod Canyon	69-G	strat column		late Miocene
23802	Fellows	13932	29	McLeod Canyon	69-G	strat column		late Miocene
23803	Fellows	13932	31	McLeod Canyon	69-G	strat column		late Miocene
23804	Fellows	13932	34	McLeod Canyon	69-G	strat column		late Miocene
23805	Fellows	13932	42	McLeod Canyon	69-G	strat column		late Miocene
23806	Fellows	13932	50	McLeod Canyon	69-G	strat column		late Miocene
23807	Fellows	13932	52	McLeod Canyon	69-G	strat column		late Miocene
23808	Fellows	13932	56	McLeod Canyon	69-G	strat column		late Miocene
23809	Fellows	13932	58	McLeod Canyon	69-G	strat column		late Miocene
23810	Fellows	13932	62	McLeod Canyon	69-G	strat column		late Miocene
23811	Fellows	13932	70	McLeod Canyon	69-G	strat column		late Miocene
23812	Fellows	13932	82A	McLeod Canyon	69-G	strat column		late Miocene
23813	Fellows	13932	90	McLeod Canyon	69-G	strat column		late Miocene
23814	Fellows	13932	91	McLeod Canyon	69-G	strat column		late Miocene
23815	Fellows	13932	92	McLeod Canyon	69-G	strat column		late Miocene
23816	Fellows	13932	94	McLeod Canyon	69-G	strat column		late Miocene
23817	Fellows	13932	96	McLeod Canyon	69-G	strat column		late Miocene
23818	Fellows	13932	97	McLeod Canyon	69-G	strat column		late Miocene
23819	Fellows	13932	99	McLeod Canyon	69-G	strat column		late Miocene
23820	Fellows	13932	101	McLeod Canyon	69-G	strat column		late Miocene
23821	Fellows	13932	102	McLeod Canyon	69-G	strat column		late Miocene
23822	Fellows	13932	104	McLeod Canyon	69-G	strat column		late Miocene
23823	Fellows	13932	105	McLeod Canyon	69-G	strat column		late Miocene
23824	Fellows	13932	106	McLeod Canyon	69-G	strat column		late Miocene
23825	Fellows	13932	107	McLeod Canyon	69-G	strat column		late Miocene
23826	Fellows	13932	110	McLeod Canyon	69-G	strat column		late Miocene
23827	Fellows	13932	113	McLeod Canyon	69-G	strat column		late Miocene
23828	Fellows	13932	114	McLeod Canyon	69-G	strat column		late Miocene
23829	Fellows	13932	115	McLeod Canyon	69-G	strat column		late Miocene
23830	Fellows	13932	116	McLeod Canyon	69-G	strat column		late Miocene
23831	Fellows	13932	118	McLeod Canyon	69-G	strat column		late Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
23832	Fellows	13932	121	McLeod Canyon	69-G	strat column		late Miocene
23833	Fellows	13932	124	McLeod Canyon	69-G	strat column		late Miocene
23834	Fellows	13932	125	McLeod Canyon	69-G	strat column		late Miocene
23835	Fellows	13932	126	McLeod Canyon	69-G	strat column		late Miocene
23836	Fellows	13932	127	McLeod Canyon	69-G	strat column		late Miocene
23837	Fellows	13932	128	McLeod Canyon	69-G	strat column		late Miocene
23838	Fellows	13932	129	McLeod Canyon	69-G	strat column		late Miocene
23839	Carneros Rocks	13933	slide 1	Chico Martinez Ck	221-J	picked type slide		no age provided
23840	Carneros Rocks	13933	slide 2	Chico Martinez Ck	221-J	picked type slide		no age provided
23841	Carneros Rocks	13933	11	Chico Martinez Ck	221-E	strat column and	check list	Oligocene Zemorrian
23842	Carneros Rocks	13933	12	Chico Martinez Ck	221-E	strat column and	check list	Oligocene Zemorrian
23843	Carneros Rocks	13933	13	Chico Martinez Ck	221-E	strat column and	check list	Oligocene Zemorrian
23844	Carneros Rocks	13933	14	Chico Martinez Ck	221-E	strat column and	check list	Oligocene Zemorrian
23845	Carneros Rocks	13933	19	Chico Martinez Ck	221-E	strat column and	check list	early Miocene Saucesian Stage
23846	Carneros Rocks	13933	24	Chico Martinez Ck	221-E	strat column and	check list	early Miocene Saucesian Stage
23847	Carneros Rocks	13933	25	Chico Martinez Ck	221-E	strat column and	check list	early Miocene Saucesian Stage
23848	Carneros Rocks	13933	28	Chico Martinez Ck	221-F	strat column and	check list	early Miocene Saucesian Stage
23849	Carneros Rocks	13933	32	Chico Martinez Ck	221-F	strat column and	check list	early Miocene Saucesian Stage
23850	Carneros Rocks	13933	33	Chico Martinez Ck	221-F	strat column and	check list	early Miocene Saucesian Stage
23851	Carneros Rocks	13933	34	Chico Martinez Ck	221-F	strat column and	check list	early Miocene Saucesian Stage
23852	Carneros Rocks	13933	35	Chico Martinez Ck	221-F	strat column and	check list	early Miocene Saucesian Stage
23853	Carneros Rocks	13933	36	Chico Martinez Ck	221-F	strat column and	check list	early Miocene Saucesian Stage
23854	Carneros Rocks	13933	37	Chico Martinez Ck	221-F	strat column and	check list	early Miocene Saucesian Stage
23855	Carneros Rocks	13933	42	Chico Martinez Ck	221-F	strat column and	check list	early Miocene Saucesian Stage
23856	Carneros Rocks	13933	46	Chico Martinez Ck	221-F	strat column and	check list	early Miocene Saucesian Stage
23857	Carneros Rocks	13933	50	Chico Martinez Ck	221-F	strat column and	check list	early Miocene Saucesian Stage
23858	Carneros Rocks	13933	55	Chico Martinez Ck	221-F	strat column and	check list	early Miocene Saucesian Stage
23859	Carneros Rocks	13933	56	Chico Martinez Ck	221-F	strat column and	check list	early Miocene Saucesian Stage
23860	Carneros Rocks	13933	57	Chico Martinez Ck	221-F	strat column and	check list	early Miocene Saucesian Stage
23861	Carneros Rocks	13933	63	Chico Martinez Ck	221-F	strat column and	check list	early Miocene Saucesian Stage
23862	Carneros Rocks	13933	66	Chico Martinez Ck	221-F	strat column and	planktics com	early Miocene Saucesian Stage
23863	Carneros Rocks	13933	67	Chico Martinez Ck	221-F	strat column and	planktics com	early Miocene Saucesian Stage
23864	Carneros Rocks	13933	68	Chico Martinez Ck	221-F	strat column and	planktics abun	early Miocene lower Relizian Stage
23865	Carneros Rocks	13933	69	Chico Martinez Ck	221-F	strat column and		early Miocene lower Relizian Stage
23866	Carneros Rocks	13933	70	Chico Martinez Ck	221-F	strat column and	planktics com	early Miocene lower Relizian Stage
23867	Carneros Rocks	13933	83	Chico Martinez Ck	221-F	strat column and	planktics abun	early Miocene upper Relizian Stage
23868	Carneros Rocks	13933	84	Chico Martinez Ck	221-F	strat column and	planktics abun	early Miocene upper Relizian Stage
23869	Carneros Rocks	13933	85	Chico Martinez Ck	221-F	strat column and	planktics com	early Miocene upper Relizian Stage
23870	Carneros Rocks	13933	86	Chico Martinez Ck	221-F	strat column and		early Miocene upper Relizian Stage
23871	Carneros Rocks	13933	87	Chico Martinez Ck	221-F	strat column and	planktics com	early Miocene upper Relizian Stage
23872	Carneros Rocks	13933	88	Chico Martinez Ck	221-F	strat column and	planktics abun	early Miocene upper Relizian Stage
23873	Carneros Rocks	13934	slide1	Carneros Creek	221-E	Slide picked for	type Temblor	no age information
23874	Carneros Rocks	13934	1	Carneros Creek	221-D	Have strat column	and check list	Oligocene Zemorrian Stage
23875	Carneros Rocks	13934	5	Carneros Creek	221-D	but locs not on map	check list	Oligocene Zemorrian Stage
23876	Carneros Rocks	13934	7	Carneros Creek	221-D	strat column and	check list	Oligocene Zemorrian Stage
23877	Carneros Rocks	13934	8	Carneros Creek	221-D	strat column and	check list	Oligocene Zemorrian Stage
23878	Carneros Rocks	13934	9	Carneros Creek	221-D	strat column and	check list	Oligocene Zemorrian Stage
23879	Carneros Rocks	13934	11	Carneros Creek	221-D	strat column and	check list	Oligocene Zemorrian Stage
23880	Carneros Rocks	13934	12	Carneros Creek	221-D	strat column and	check list	Oligocene Zemorrian Stage
23881	Carneros Rocks	13934	13	Carneros Creek	221-D	strat column and	check list	Oligocene Zemorrian Stage
23882	Carneros Rocks	13934	14	Carneros Creek	221-E	strat column and	check list	Oligocene Zemorrian Stage
23883	Carneros Rocks	13934	15	Carneros Creek	221-E	strat column and	check list	Oligocene Zemorrian Stage
23884	Carneros Rocks	13934	16	Carneros Creek	221-E	strat column and	check list	Oligocene Zemorrian Stage
23885	Carneros Rocks	13934	17	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23886	Carneros Rocks	13934	18	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23887	Carneros Rocks	13934	19	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23888	Carneros Rocks	13934	20	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23889	Carneros Rocks	13934	21	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23890	Carneros Rocks	13934	22	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23891	Carneros Rocks	13934	23	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23892	Carneros Rocks	13934	26	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23893	Carneros Rocks	13934	27	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23894	Carneros Rocks	13934	28	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23895	Carneros Rocks	13934	29	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23896	Carneros Rocks	13934	31	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23897	Carneros Rocks	13934	33	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23898	Carneros Rocks	13934	35	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23899	Carneros Rocks	13934	26	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23900	Carneros Rocks	13934	37	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23901	Carneros Rocks	13934	38	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23902	Carneros Rocks	13934	39	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23903	Carneros Rocks	13934	40	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23904	Carneros Rocks	13934	41	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23905	Carneros Rocks	13934	42	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
23906	Carneros Rocks	13934	43	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23907	Carneros Rocks	13934	44	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23908	Carneros Rocks	13934	45	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23909	Carneros Rocks	13934	47	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23910	Carneros Rocks	13934	48	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23911	Carneros Rocks	13934	49	Carneros Creek	221-E	strat column and	check list	early Miocene Saucesian Stage
23912	Carneros Rocks	13934	52	Carneros Creek	221-E	strat column and	check list	early Miocene lower Relizian Stage
23913	Carneros Rocks	13934	55	Carneros Creek	221-E	strat column and	check list	early Miocene upper Relizian Stage
23914	Carneros Rocks	13934	58	Carneros Creek	221-E	strat column and	check list	early Miocene upper Relizian Stage
23915	Las Yeguas Ranch	13935	slide1	Media Agua Creek	221-F	strat column and	check list	Eocene
23916	Las Yeguas Ranch	13935	61	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23917	Las Yeguas Ranch	13935	1	Media Agua Creek	221-G	strat column and	check list	Eocene
23918	Las Yeguas Ranch	13935	5	Media Agua Creek	221-G	strat column and	check list	Eocene
23919	Las Yeguas Ranch	13935	10	Media Agua Creek	221-G	strat column and	check list	Eocene
23920	Las Yeguas Ranch	13935	12	Media Agua Creek	221-G	strat column and	check list	Eocene
23921	Las Yeguas Ranch	13935	13	Media Agua Creek	221-G	strat column and	check list	Eocene
23922	Las Yeguas Ranch	13935	18	Media Agua Creek	221-G	strat column and	check list	Eocene
23923	Las Yeguas Ranch	13935	20	Media Agua Creek	221-G	strat column and	check list	Eocene
23924	Las Yeguas Ranch	13935	21	Media Agua Creek	221-G	strat column and	check list	Eocene
23925	Las Yeguas Ranch	13935	23	Media Agua Creek	221-G	strat column and	check list	Oligocene Zemorrian Stage
23926	Las Yeguas Ranch	13935	26	Media Agua Creek	221-G	strat column and	check list	Oligocene Zemorrian Stage
23927	Las Yeguas Ranch	13935	27	Media Agua Creek	221-G	strat column and	check list	Oligocene Zemorrian Stage
23928	Las Yeguas Ranch	13935	28	Media Agua Creek	221-G	strat column and	check list	Oligocene Zemorrian Stage
23929	Las Yeguas Ranch	13935	29	Media Agua Creek	221-G	strat column and	check list	Oligocene Zemorrian Stage
23930	Las Yeguas Ranch	13935	30	Media Agua Creek	221-G	strat column and	check list	Oligocene Zemorrian Stage
23931	Las Yeguas Ranch	13935	31	Media Agua Creek	221-G	strat column and	check list	Oligocene Zemorrian Stage
23932	Las Yeguas Ranch	13935	32	Media Agua Creek	221-G	strat column and	check list	Oligocene Zemorrian Stage
23933	Las Yeguas Ranch	13935	33	Media Agua Creek	221-G	strat column and	check list	Oligocene Zemorrian Stage
23934	Las Yeguas Ranch	13935	34	Media Agua Creek	221-G	strat column and	check list	Oligocene Zemorrian Stage
23935	Las Yeguas Ranch	13935	41	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23936	Las Yeguas Ranch	13935	42	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23937	Las Yeguas Ranch	13935	45	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23938	Las Yeguas Ranch	13935	47	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23939	Las Yeguas Ranch	13935	48	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23940	Las Yeguas Ranch	13935	49	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23941	Las Yeguas Ranch	13935	50	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23942	Las Yeguas Ranch	13935	51	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23943	Las Yeguas Ranch	13935	52	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23944	Las Yeguas Ranch	13935	53	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23945	Las Yeguas Ranch	13935	54	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23946	Las Yeguas Ranch	13935	55	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23947	Las Yeguas Ranch	13935	56	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23948	Las Yeguas Ranch	13935	57	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23949	Las Yeguas Ranch	13935	59	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23950	Las Yeguas Ranch	13935	59F	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23951	Las Yeguas Ranch	13935	60	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23952	Las Yeguas Ranch	13935	62	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23953	Las Yeguas Ranch	13935	63	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23954	Las Yeguas Ranch	13935	64	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23955	Las Yeguas Ranch	13935	65	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23956	Las Yeguas Ranch	13935	66	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23957	Las Yeguas Ranch	13935	67	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23958	Las Yeguas Ranch	13935	68	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23959	Las Yeguas Ranch	13935	69	Media Agua Creek	221-F	strat column and	check list	early Miocene Saucesian Stage
23960	Las Yeguas Ranch	13935	70	Media Agua Creek	221-A	strat column and	check list	early Miocene Saucesian Stage
23961	Las Yeguas Ranch	13935	71	Media Agua Creek	221-A	strat column and	check list	early Miocene Saucesian Stage
23962	Las Yeguas Ranch	13935	72	Media Agua Creek	221-A	strat column and	check list	early Miocene Saucesian Stage
23963	Las Yeguas Ranch	13935	75	Media Agua Creek	221-A	strat column and	check list	early Miocene upper Relizian Stage
23964	Las Yeguas Ranch	13935	85	Media Agua Creek	221-A	strat column and	check list	early Miocene upper Relizian Stage
23965	Las Yeguas Ranch	13935	89	Media Agua Creek	221-A	strat column and	check list	early Miocene upper Relizian Stage
23966	Las Yeguas Ranch	13935	92	Media Agua Creek	221-A	strat column and	check list	early Miocene upper Relizian Stage
23967	Las Yeguas Ranch	13935	95	Media Agua Creek	221-A	strat column and	check list	early Miocene upper Relizian Stage
23968	Las Yeguas Ranch	13935	96F	Media Agua Creek	221-A	strat column and	check list	early Miocene upper Relizian Stage
23969	Las Yeguas Ranch	13935	100	Media Agua Creek	221-A	strat column and	check list	early Miocene upper Relizian Stage
23970	Las Yeguas Ranch	13935	103	Media Agua Creek	221-A	strat column and	check list	early Miocene upper Relizian Stage
23971	Las Yeguas Ranch	13935	106	Media Agua Creek	221-A	strat column and	check list	early Miocene upper Relizian Stage
23972	Las Yeguas Ranch	13935	108	Media Agua Creek	221-A	strat column and	check list	early Miocene upper Relizian Stage
23973	Las Yeguas Ranch	13936	4	NE part of quad	221-I	strat column and	check list	Eocene
23974	Las Yeguas Ranch	13936	5	NE part of quad	221-I	strat column and	check list	Oligocene Zemorrian Stage
23975	Las Yeguas Ranch	13936	6	NE part of quad	221-I	strat column and	check list	Oligocene Zemorrian Stage
23976	Las Yeguas Ranch	13936	7	NE part of quad	221-I	strat column and	check list	Oligocene Zemorrian Stage
23977	Las Yeguas Ranch	13936	8A	NE part of quad	221-I	strat column and	check list	Oligocene Zemorrian Stage
23978	Las Yeguas Ranch	13936	8B	NE part of quad	221-I	strat column and	check list	Oligocene Zemorrian Stage
23979	Las Yeguas Ranch	13936	9	NE part of quad	221-I	strat column and	check list	Oligocene Zemorrian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
23980	Las Yeguas Ranch	13936	10	NE part of quad	221-I	strat column and	check list	Oligocene Zemorrian Stage
23981	Las Yeguas Ranch	13936	11	NE part of quad	221-I	strat column and	check list	Oligocene Zemorrian Stage
23982	Las Yeguas Ranch	13936	12	NE part of quad	221-I	strat column and	check list	Oligocene Zemorrian Stage
23983	Las Yeguas Ranch	13936	13	NE part of quad	221-I	strat column and	check list	Oligocene Zemorrian Stage
23984	Las Yeguas Ranch	13936	14	NE part of quad	221-I	strat column and	check list	Oligocene Zemorrian Stage
23985	Las Yeguas Ranch	13936	15	NE part of quad	221-I	strat column and	check list	early Miocene Saucesian Stage
23986	Las Yeguas Ranch	13936	16	NE part of quad	221-I	strat column and	check list	early Miocene Saucesian Stage
23987	Las Yeguas Ranch	13936	17	NE part of quad	221-I	faulted and repeated		Oligocene Zemorrian Stage
23988	Las Yeguas Ranch	13936	18	NE part of quad	221-I	strat column and	check list	Oligocene Zemorrian Stage
23989	Las Yeguas Ranch	13936	19	NE part of quad	221-I	strat column and	check list	Oligocene Zemorrian Stage
23990	Las Yeguas Ranch	13936	20	NE part of quad	221-I	strat column and	check list	Oligocene Zemorrian Stage
23991	Las Yeguas Ranch	13936	21	NE part of quad	221-I	strat column and	check list	Oligocene Zemorrian Stage
23992	Las Yeguas Ranch	13936	22	NE part of quad	221-I	strat column and	check list	Oligocene Zemorrian Stage
23993	Las Yeguas Ranch	13936	23	NE part of quad	221-I	strat column and	check list	Oligocene Zemorrian Stage
23994	Las Yeguas Ranch	13936	24	NE part of quad	221-I	strat column and	check list	early Miocene Saucesian Stage
23995	Las Yeguas Ranch	13936	25	NE part of quad	221-I	strat column and	check list	early Miocene Saucesian Stage
23996	Las Yeguas Ranch	13936	26	NE part of quad	221-I	strat column and	check list	early Miocene Saucesian Stage
23997	Las Yeguas Ranch	13936	27	NE part of quad	221-I	strat column and	check list	early Miocene Saucesian Stage
23998	Las Yeguas Ranch	13936	29	NE part of quad	221-I	strat column and	check list	early Miocene Saucesian Stage
23999	Las Yeguas Ranch	13936	30	NE part of quad	221-I	strat column and	check list	early Miocene Saucesian Stage
24000	Las Yeguas Ranch	13936	31	NE part of quad	221-I	strat column and	check list	early Miocene Saucesian Stage
24001	Las Yeguas Ranch	13936	32	NE part of quad	221-I	strat column and	check list	early Miocene Saucesian Stage
24002	Las Yeguas Ranch	13936	33	NE part of quad	221-I	strat column and	check list	early Miocene Saucesian Stage
24003	Las Yeguas Ranch	13936	35	NE part of quad	221-I	strat column and	check list	early Miocene Saucesian Stage
24004	Las Yeguas Ranch	13936	36	NE part of quad	221-I	strat column and	check list	early Miocene Saucesian Stage
24005	Las Yeguas Ranch	13936	37	NE part of quad	221-I	strat column and	check list	early Miocene Saucesian Stage
24006	Las Yeguas Ranch	13936	38	NE part of quad	221-I	strat column and	check list	early Miocene Saucesian Stage
24007	Las Yeguas Ranch	13936	39	NE part of quad	221-I	strat column and	check list	early Miocene Saucesian Stage
24008	Las Yeguas Ranch	13936	40	NE part of quad	221-I	strat column and	check list	middle Miocene Luisian Stage
24009	Packwood Creek	13937	slide1	Cedar Creek	221-J	picked type slide	check list	type slide
24010	Packwood Creek	13937	6	Cedar Creek	221-I	picked type slide	check list	Eocene
24011	Packwood Creek	13937	12	Cedar Creek	221-I	picked type slide	check list	Oligocene Zemorrian Stage
24012	Packwood Creek	13937	16	Cedar Creek	221-I	picked type slide	check list	Oligocene Zemorrian Stage
24013	Packwood Creek	13937	17	Cedar Creek	221-I	picked type slide	planktics com	Oligocene Zemorrian Stage
24014	Packwood Creek	13937	18	Cedar Creek	221-H	picked type slide	planktics com	Oligocene Zemorrian Stage
24015	Packwood Creek	13937	22	Cedar Creek	221-H	picked type slide	planktics com	early Miocene Saucesian Stage
24016	Packwood Creek	13937	23	Cedar Creek	221-H	picked type slide	flood planktics	early Miocene Saucesian Stage
24017	Packwood Creek	13937	24	Cedar Creek	221-H	picked type slide	check list	early Miocene Saucesian Stage
24018	Packwood Creek	13937	27A	Cedar Creek	221-H	picked type slide	check list	early Miocene Saucesian Stage
24019	Packwood Creek	13937	28	Cedar Creek	221-H	picked type slide	check list	early Miocene Saucesian Stage
24020	Packwood Creek	13937	29	Cedar Creek	221-H	picked type slide	check list	early Miocene Saucesian Stage
24021	Packwood Creek	13937	30	Cedar Creek	221-H	picked type slide	check list	early Miocene Saucesian Stage
24022	Packwood Creek	13937	31	Cedar Creek	221-H	picked type slide	check list	early Miocene Saucesian Stage
24023	Packwood Creek	13937	32	Cedar Creek	221-H	picked type slide	check list	early Miocene Saucesian Stage
24024	Packwood Creek	13937	33	Cedar Creek	221-H	picked type slide	check list	early Miocene Saucesian Stage
24025	Packwood Creek	13937	34	Cedar Creek	221-H	picked type slide	check list	early Miocene Saucesian Stage
24026	Packwood Creek	13937	35	Cedar Creek	221-H	picked type slide	check list	early Miocene Saucesian Stage
24027	Packwood Creek	13937	36	Cedar Creek	221-H	picked type slide	check list	early Miocene Saucesian Stage
24028	Packwood Creek	13937	37	Cedar Creek	221-H	picked type slide	check list	early Miocene Saucesian Stage
24029	Packwood Creek	13937	38	Cedar Creek	221-H	picked type slide	check list	early Miocene Saucesian Stage
24030	Packwood Creek	13937	39	Cedar Creek	221-H	picked type slide	check list	early Miocene Saucesian Stage
24031	Packwood Creek	13937	40	Cedar Creek	221-H	picked type slide	check list	early Miocene Saucesian Stage
24032	Packwood Creek	13937	41	Cedar Creek	221-H	picked type slide	check list	early Miocene lower Relizian stage
24033	Packwood Creek	13937	43	Cedar Creek	221-H	picked type slide	abun planktics	early Miocene lower Relizian stage
24034	Packwood Creek	13937	46	Cedar Creek	221-H	picked type slide	planktics com	early Miocene lower Relizian stage
24035	Packwood Creek	13937	49	Cedar Creek	221-H	picked type slide	check list	early Miocene lower Relizian stage
24036	Packwood Creek	13937	51	Cedar Creek	221-H	picked type slide	check list	early Miocene lower Relizian stage
24037	Packwood Creek	13937	52	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24038	Packwood Creek	13937	53	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24039	Packwood Creek	13937	54	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24040	Packwood Creek	13937	55	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24041	Packwood Creek	13937	56	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24042	Packwood Creek	13937	57	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24043	Packwood Creek	13937	58	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24044	Packwood Creek	13937	59	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24045	Packwood Creek	13937	61	Cedar Creek	221-D	picked type slide	abun planktics	early Miocene lower Relizian stage
24046	Packwood Creek	13937	63	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24047	Packwood Creek	13937	64	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24048	Packwood Creek	13937	65	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24049	Packwood Creek	13937	67	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24050	Packwood Creek	13937	69	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24051	Packwood Creek	13937	70	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24052	Packwood Creek	13937	71	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24053	Packwood Creek	13937	73	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
24054	Packwood Creek	13937	74	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24055	Packwood Creek	13937	76	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24056	Packwood Creek	13937	80	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24057	Packwood Creek	13937	81	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24058	Packwood Creek	13937	83	Cedar Creek	221-D	picked type slide	check list	early Miocene lower Relizian stage
24059	Packwood Creek	13937	85	Cedar Creek	221-D	picked type slide	check list	early Miocene upper Relizian stage
24060	Packwood Creek	13937	87	Cedar Creek	221-D	picked type slide	check list	early Miocene upper Relizian stage
24061	Packwood Creek	13937	88	Cedar Creek	221-D	picked type slide	check list	early Miocene upper Relizian stage
24062	Packwood Creek	13937	89	Cedar Creek	221-D	picked type slide	check list	early Miocene upper Relizian stage
24063	Packwood Creek	13937	90	Cedar Creek	221-D	picked type slide	check list	early Miocene upper Relizian stage
24064	Packwood Creek	13937	91	Cedar Creek	221-D	picked type slide	check list	early Miocene upper Relizian stage
24065	Packwood Creek	13937	92	Cedar Creek	221-D	picked type slide	check list	early Miocene upper Relizian stage
24066	Packwood Creek	13937	93	Cedar Creek	221-D	picked type slide	check list	early Miocene upper Relizian stage
24067	Packwood Creek	13937	94	Cedar Creek	221-D	picked type slide	check list	early Miocene upper Relizian stage
24068	Packwood Creek	13937	95	Cedar Creek	221-D	picked type slide	check list	early Miocene upper Relizian stage
24069	Packwood Creek	13937	96	Cedar Creek	221-D	picked type slide	check list	early Miocene upper Relizian stage
24070	Byron Hot Springs	13938		Vasco Road	16-G	14/1S/2E (SLP)	see # 13923	Late Cretaceous F-2 Zone
24071	Byron Hot Springs	13939		NW corner quad	no slide			Late Cretaceous F Zone
24072	Carneros Rocks	13970	1	Santos Creek	221-J	strat column and	check list	Oligocene Zemorrian Stage
24073	Carneros Rocks	13970	2	Santos Creek	221-J	strat column and	check list	Oligocene Zemorrian Stage
24074	Carneros Rocks	13970	3	Santos Creek	221-I	strat column and	check list	Oligocene Zemorrian Stage
24075	Carneros Rocks	13970	4	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24076	Carneros Rocks	13970	5	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24077	Carneros Rocks	13970	9	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24078	Carneros Rocks	13970	10	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24079	Carneros Rocks	13970	11	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24080	Carneros Rocks	13970	12	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24081	Carneros Rocks	13970	13	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24082	Carneros Rocks	13970	14	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24083	Carneros Rocks	13970	15	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24084	Carneros Rocks	13970	16	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24085	Carneros Rocks	13970	17	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24086	Carneros Rocks	13970	18	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24087	Carneros Rocks	13970	19	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24088	Carneros Rocks	13970	20	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24089	Carneros Rocks	13970	21	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24090	Carneros Rocks	13970	22	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24091	Carneros Rocks	13970	23	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24092	Carneros Rocks	13970	24	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24093	Carneros Rocks	13970	26	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24094	Carneros Rocks	13970	27	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24095	Carneros Rocks	13970	28	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24096	Carneros Rocks	13970	29	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24097	Carneros Rocks	13970	30	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24098	Carneros Rocks	13970	31	Santos Creek	221-I	reverse fault here	check list	Oligocene Zemorrian Stage
24099	Carneros Rocks	13970	33	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24100	Carneros Rocks	13970	35	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24101	Carneros Rocks	13970	36	Santos Creek	221-I	strat column and	check list	early Miocene Saucesian Stage
24102	Carneros Rocks	13971	1	SW of Gould Hill	221-F	Slide says Salt Ck.		Oligocene Zemorrian Stage
24103	Carneros Rocks	13971	4	SW of Gould Hill	221-F	15/29S/20E		Oligocene Zemorrian Stage
24104	Carneros Rocks	13971	5	SW of Gould Hill	221-F	strat column and	check list	Oligocene Zemorrian Stage
24105	Carneros Rocks	13971	6	SW of Gould Hill	221-F	strat column and	check list	Oligocene Zemorrian Stage
24106	Carneros Rocks	13971	7	SW of Gould Hill	221-F	strat column and	check list	Oligocene Zemorrian Stage
24107	Carneros Rocks	13971	8	SW of Gould Hill	221-F	strat column and	check list	Oligocene Zemorrian Stage
24108	Carneros Rocks	13971	9	SW of Gould Hill	221-F	strat column and	check list	Oligocene Zemorrian Stage
24109	Carneros Rocks	13971	10	SW of Gould Hill	221-F	strat column and	check list	early Miocene Saucesian Stage
24110	Carneros Rocks	13971	11	SW of Gould Hill	221-F	strat column and	check list	early Miocene Saucesian Stage
24111	Carneros Rocks	13971	12	SW of Gould Hill	221-F	strat column and	check list	early Miocene Saucesian Stage
24112	Carneros Rocks	13971	13	SW of Gould Hill	221-F	strat column and	check list	early Miocene Saucesian Stage
24113	Carneros Rocks	13971	14	SW of Gould Hill	221-F	strat column and	check list	early Miocene Saucesian Stage
24114	Carneros Rocks	13971	15	SW of Gould Hill	221-F	strat column and	check list	early Miocene Saucesian Stage
24115	Carneros Rocks	13971	16	SW of Gould Hill	221-F	strat column and	check list	early Miocene Saucesian Stage
24116	Carneros Rocks	13971	17	SW of Gould Hill	221-F	strat column and	check list	early Miocene Saucesian Stage
24117	Carneros Rocks	13971	18	SW of Gould Hill	221-F	strat column and	check list	early Miocene Saucesian Stage
24118	Carneros Rocks	13971	19	SW of Gould Hill	221-F	strat column and	check list	early Miocene Saucesian Stage
24119	Carneros Rocks	13971	20	SW of Gould Hill	221-F	strat column and	check list	early Miocene Saucesian Stage
24120	Carneros Rocks	13971	21	SW of Gould Hill	221-F	strat column and	check list	early Miocene Saucesian Stage
24121	Carneros Rocks	13971	22	SW of Gould Hill	221-F	strat column and	check list	early Miocene Saucesian Stage
24122	Carneros Rocks	13971	23	SW of Gould Hill	221-F	strat column and	check list	early Miocene Saucesian Stage
24123	Carneros Rocks	13971	24	SW of Gould Hill	221-F	strat column and	check list	early Miocene Saucesian Stage
24124	Carneros Rocks	13971	25	SW of Gould Hill	221-F	strat column and	check list	early Miocene Saucesian Stage
24125	Carneros Rocks	13971	26	SW of Gould Hill	221-G	strat column and	check list	early Miocene Saucesian Stage
24126	Carneros Rocks	13971	28	SW of Gould Hill	221-G	strat column and	check list	early Miocene Saucesian Stage
24127	Carneros Rocks	13971	29	SW of Gould Hill	221-G	strat column and	check list	early Miocene Saucesian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
24128	Carneros Rocks	13971	30	SW of Gould Hill	221-G	strat column and	check list	early Miocene Saucesian Stage
24129	Carneros Rocks	13971	32	SW of Gould Hill	221-G	strat column and	check list	early Miocene Saucesian Stage
24130	Carneros Rocks	13971	33	SW of Gould Hill	221-G	strat column and	check list	early Miocene Saucesian Stage
24131	Carneros Rocks	13971	35	SW of Gould Hill	221-G	strat column and	check list	early Miocene Saucesian Stage
24132	Carneros Rocks	13971	37	SW of Gould Hill	221-G	strat column and	check list	early Miocene Saucesian Stage
24133	Carneros Rocks	13971	38	SW of Gould Hill	221-G	strat column and	check list	early Miocene Saucesian Stage
24134	Carneros Rocks	13971	39	SW of Gould Hill	221-G	strat column and	check list	early Miocene Saucesian Stage
24135	Carneros Rocks	13971	41	SW of Gould Hill	221-G	strat column and	check list	early Miocene Saucesian Stage
24136	Carneros Rocks	13971	42	SW of Gould Hill	221-G	strat column and	check list	early Miocene Saucesian Stage
24137	Carneros Rocks	13971	43	SW of Gould Hill	221-G	strat column and	check list	early Miocene Saucesian Stage
24138	Carneros Rocks	13971	44	SW of Gould Hill	221-G	strat column and	check list	early Miocene Saucesian Stage
24139	Carneros Rocks	13971	46	SW of Gould Hill	221-G	strat column and	check list	early Miocene Saucesian Stage
24140	Carneros Rocks	13971	49	SW of Gould Hill	221-G	strat column and	check list	early Miocene Saucesian Stage
24141	Carneros Rocks	13971	50	SW of Gould Hill	221-G	strat column and	check list	early Miocene Saucesian Stage
24142	Carneros Rocks	13971	51	SW of Gould Hill	221-G	strat column and	check list	early Miocene Saucesian Stage
24143	Carneros Rocks	13971	54	SW of Gould Hill	221-G	strat column and	check list	early Miocene upper Relizian Stage
24144	Carneros Rocks	13971	55	SW of Gould Hill	221-G	strat column and	check list	early Miocene upper Relizian Stage
24145	Carneros Rocks	13971	57	SW of Gould Hill	221-G	strat column and	check list	early Miocene upper Relizian Stage
24146	Carneros Rocks	13971	59	SW of Gould Hill	221-G	strat column and	check list	early Miocene upper Relizian Stage
24147	Carneros Rocks	13971	61	SW of Gould Hill	221-G	strat column and	check list	early Miocene upper Relizian Stage
24148	Carneros Rocks	13971	63	SW of Gould Hill	221-G	strat column and	check list	early Miocene upper Relizian Stage
24149	Pitas Point	13995	1	Los Sauces Creek	232-I			middle and late Miocene lower Mohnian Stage
24150	Pitas Point	13995	2	Los Sauces Creek	232-I			middle Miocene Luisian Stage
24151	Pitas Point	13995	3	Los Sauces Creek	232-I			early Miocene upper Relizian Stage
24152	Pitas Point	13995	4	Los Sauces Creek	232-I			early Miocene upper Relizian Stage
24153	Pitas Point	13995	5	Los Sauces Creek	232-I			early Miocene lower Relizian Stage
24154	Pitas Point	13995	6	Los Sauces Creek	232-I	type Saucesian		early Miocene upper Saucesian Stage
24155	Pitas Point	13995	7	Los Sauces Creek	232-I	type Saucesian		early Miocene upper Saucesian Stage
24156	Pitas Point	13995	8	Los Sauces Creek	232-I	type Saucesian		early Miocene upper Saucesian Stage
24157	Pitas Point	13995	9	Los Sauces Creek	232-I	type Saucesian		early Miocene upper Saucesian Stage
24158	Pitas Point	13995	10	Los Sauces Creek	232-I	type Saucesian		early Miocene upper Saucesian Stage
24159	Pitas Point	13995	11	Los Sauces Creek	232-I	type Saucesian		early Miocene upper Saucesian Stage
24160	Pitas Point	13995	12	Los Sauces Creek	232-I	type Saucesian		early Miocene upper Saucesian Stage
24161	Pitas Point	13995	13	Los Sauces Creek	232-I	type Saucesian		early Miocene upper Saucesian Stage
24162	Pitas Point	13995	14	Los Sauces Creek	232-I	type Saucesian		early Miocene upper Saucesian Stage
24163	Pitas Point	13995	15	Los Sauces Creek	232-I	type Saucesian		early Miocene upper Saucesian Stage
24164	Pitas Point	13995	16	Los Sauces Creek	232-I	type Saucesian		early Miocene upper Saucesian Stage
24165	Pitas Point	13995	17	Los Sauces Creek	232-I	type Saucesian		early Miocene upper Saucesian Stage
24166	Pitas Point	13995	18	Los Sauces Creek	232-I	type Saucesian		early Miocene upper Saucesian Stage
24167	Pitas Point	13995	19	Los Sauces Creek	232-I	type Saucesian		early Miocene upper Saucesian Stage
24168	Pitas Point	13995	20	Los Sauces Creek	232-I	type Saucesian		early Miocene upper Saucesian Stage
24169	Pitas Point	13995	21	Los Sauces Creek	232-I	type Saucesian		early Miocene upper Saucesian Stage
24170	Pitas Point	13995	22	Los Sauces Creek	232-I	type Saucesian		early Miocene upper Saucesian Stage
24171	Pitas Point	13995	23	Los Sauces Creek	232-I	type Saucesian		early Miocene upper Saucesian Stage
24172	Pitas Point	13995	24	Los Sauces Creek	232-I	type Saucesian		early Miocene lower Saucesian Stage
24173	Pitas Point	13995	25	Los Sauces Creek	232-I	type Saucesian		early Miocene lower Saucesian Stage
24174	Pitas Point	13995	26	Los Sauces Creek	232-I	type Saucesian		early Miocene lower Saucesian Stage
24175	Pitas Point	13995	27	Los Sauces Creek	232-I	type Saucesian		early Miocene lower Saucesian Stage
24176	Pitas Point	13995	28	Los Sauces Creek	232-I	type Saucesian		early Miocene lower Saucesian Stage
24177	Pitas Point	13995	29	Los Sauces Creek	232-I	type Saucesian		early Miocene lower Saucesian Stage
24178	Pitas Point	13995	30	Los Sauces Creek	232-I	type Saucesian		early Miocene lower Saucesian Stage
24179	Pitas Point	13995	31	Los Sauces Creek	232-I	type Saucesian		early Miocene lower Saucesian Stage
24180	Pitas Point	13995	32	Los Sauces Creek	232-I	type Saucesian		early Miocene lower Saucesian Stage
24181	Pitas Point	13995	33	Los Sauces Creek	232-I	type Saucesian		early Miocene lower Saucesian Stage
24182	Tent Hills	17088		Stoker Canyon	no slide		age from map	Late Cretaceous F or G Zone
24183	Tent Hills	17089		Stoker Canyon	no slide		age from map	Late Cretaceous or Paleocene
24184	Tent Hills	17090		Stoker Canyon	no slide		age from map	Late Cretaceous F-1 Zone
24185	Tent Hills	17091		Stoker Canyon	no slide		age from map	Cretaceous
24186	Tent Hills	17093		Stoker Canyon	no slide		age from map	Cretaceous
24187	New Cuyama	17676		SW corner of quad	189-C	Salisbury Cyn 15'	age from map	early Miocene Saucesian Stage
24188	Salisbury Potrero	17679		NE part of quad	189-C	Salisbury Cyn 15'		middle Miocene Luisian Stage
24189	Bryson	18347		NC part of quad	260-H		age from map	middle? Miocene
24190	Bryson	18349		NE part of quad	260-H		age from map	early Miocene upper Saucesian Stage
24191	Caliente Mountain	18463		Washburn Ranch	no slide	Caliente Mtn 15'		early Miocene Saucesian Stage
24192	Caliente Mountain	18464		Washburn Ranch	260-D	Caliente Mtn 15'		early or middle Miocene
24193	Chimineas Ranch	18465		Wellman Ranch	260-D	Caliente Mtn 15'	foram casts	early Miocene Saucesian Stage
24194	Chimineas Ranch	18466		Wellman Ranch	260-D	Caliente Mtn 15'	foram molds	early Miocene Saucesian Stage
24195	Wells Ranch	18467		Abbott Canyon	260-D			early or middle Miocene
24196	Wells Ranch	18468		Abbott Canyon	260-D			early or middle Miocene
24197	Cotati	18706		NE part of quad	no slide	freshwater	diatoms	Miocene or Pliocene
24198	San Geronimo	18719		NW corner of quad	no slide	Franciscan	spore age	Jurassic or Cretaceous
24199	Oakland East	18734	1	center of quad	79-F	map paleo data	auger holes E2	Paleocene E? Zone
24200	Oakland East	18734	2	center of quad	79-F	map paleo data	auger holes E2	Paleocene E Zone
24201	Oakland East	18734	5	center of quad	79-F	map paleo data	auger holes E2	Paleocene or Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
24202	Oakland East	18734	6	center of quad	79-F	map paleo data	auger holes E2	Paleocene E Zone
24203	Oakland East	18734	8	center of quad	79-F	map paleo data	auger holes E2	Paleocene E Zone
24204	Oakland East	18735	3	center of quad	79-F	map paleo data	auger holes E3	Miocene foraminifers and ostracods
24205	Oakland East	18735	4	center of quad	79-F	map paleo data	auger holes E3	Miocene foraminifers and ostracods
24206	Oakland East	18735	5	center of quad	79-F	map paleo data	auger holes E3	diatoms
24207	Oakland East	18735	6	center of quad	79-F	map paleo data	auger holes E3	middle Miocene
24208	Oakland East	18735	13	center of quad	79-F	map paleo data	auger holes E3	middle Miocene
24209	Denverton	18746	1A	Potrero Hills	236-N		auger holes E4	early Eocene D Zone
24210	Denverton	18746	1B	Potrero Hills	236-N		auger holes E4	early Eocene D Zone
24211	Denverton	18746	2	Potrero Hills	236-N		auger holes E4	early Eocene D Zone
24212	Denverton	18746	3	Potrero Hills	236-N		auger holes E4	early Eocene D Zone
24213	Denverton	18746	4	Potrero Hills	236-N		auger holes E4	early Eocene D Zone
24214	Denverton	18746	6	Potrero Hills	89-C		auger holes E4	early Eocene D Zone
24215	Denverton	18746	8	Potrero Hills	89-C		auger holes E4	early Eocene D Zone
24216	Denverton	18746	9	Potrero Hills	89-C		auger holes E4	early Eocene D Zone
24217	Fairfield South?	18746		NE part of quad	no slide		not on map	Eocene or Paleocene (Meganos)
24218	Denverton	18747	1	Potrero Hills	236-N		auger holes E4	early Eocene D Zone
24219	Denverton	18747	2	Potrero Hills	236-N		auger holes E4	early Eocene D Zone
24220	Denverton	18747	3	Potrero Hills	236-N		auger holes E4	early Eocene D Zone
24221	Denverton	18747	12	Potrero Hills	236-N		auger holes E4	early Eocene D Zone
24222	Fairfield South?	18747		NE part of quad	no slide		not on map	Eocene or Paleocene (Meganos)
24223	Lincoln Ridge	18764		center of quad	no slide		age from map	Cretaceous or Paleocene
24224	White Ledge Peak	18951		SW corner of quad	no slide		34/4N/25W	middle Miocene
24225	Pitas Point	18954		vic Punta Gorda	no slide			Pliocene
24226	Fortuna	18990	1A	SW of Price Ck Sch	244-B	Fortuna 15'		Pliocene
24227	Fortuna	18990	1B	SW of Price Ck Sch	244-B	Fortuna 15'		Pliocene
24228	Fortuna	18991		Price Creek	244-B	Fortuna 15'		reworked Cretaceous and Miocene foraminifers
24229	Fortuna	18993	1A	S of Price Ck Sch	244-B	Fortuna 15'		Pliocene
24230	Fortuna	18993	1B	S of Price Ck Sch	244-B	Fortuna 15'		Pliocene
24231	Fortuna	18993	1C	S of Price Ck Sch	244-C	Fortuna 15'		Pliocene
24232	Redcrest	18994	1A	Pepperwood	244-C	Weott 15'		Pliocene
24233	Redcrest	18994	1B	Pepperwood	244-C	Weott 15'		Pliocene
24234	Redcrest	18994	2	Pepperwood	244-C	Weott 15'		Pliocene
24235	Redcrest	18994	3A	Pepperwood	244-C	Weott 15'		late Miocene
24236	Redcrest	18994	3B	Pepperwood	244-C	Weott 15'		late Miocene
24237	Scotia	18994	4A	Elinor	244-C	Scotia 15'		middle and late Miocene upper Mohnian Stage
24238	Scotia	18994	4B	Elinor	244-C	Scotia 15'		middle and late Miocene upper Mohnian Stage
24239	Scotia	18994	5A	Elinor	244-C	Scotia 15'		middle and late Miocene upper Mohnian Stage
24240	Scotia	18994	5B	Elinor	244-C	Scotia 15'		middle and late Miocene upper Mohnian Stage
24241	Fortuna	18996	1A	W of Rio Dell	244-C	Fortuna 15'		Pliocene
24242	Fortuna	18996	1B	W of Rio Dell	244-C	Fortuna 15'		Pliocene
24243	Fortuna	18996	2	W of Rio Dell	244-C	Fortuna 15'		Pliocene
24244	Taylor Peak	18996	3A	NE part of quad	244-C	Scotia 15'		middle Miocene
24245	Bryson	19453		NC part of quad	244-D?		age from map	early Miocene Saucesian Stage
24246	Bryson	19454		NC part of quad	244-D?		age from map	middle Miocene
24247	Bryson	19455		NC part of quad	244-D?		age from map	early Miocene Saucesian Stage
24248	Cosio Knob	19457		NW corner of quad	no slide	King City 15'	age from map	early Miocene Relizian? Stage
24249	Fox Mountain	19458		Cox Canyon	159-M	Vedder Mf 943		middle Miocene lower Luisian Stage
24250	Fox Mountain	19459		Cox Canyon	159-M	Vedder Mf 944		middle Miocene Luisian Stage
24251	Fox Mountain	19460		SW part of quad	159-M	Vedder Mf 94		early Miocene Relizian Stage
24252	Salisbury Potrero	19460		SE part of quad	159-M	Vedder Mf 945		early Miocene Relizian Stage
24253	Wells Ranch	19463		SW part of quad	159-M	Vedder Mf 977		early or middle Miocene
24254	Fox Mountain	19464		Alamo Canyon	260-F	Vedder Mf 942		early Miocene Relizian or middle Miocene Luisian Stage
24255	Fox Mountain	19465		Cox Canyon	no slide	Vedder Mf 953	age from map	early Miocene Relizian or middle Miocene Luisian Stage
24256	Fields Landing	20406	3	NE corner of quad	260-A	Fortuna 15'		Pliocene
24257	McWhinney Creek	20406		NW part of quad	260-A	Fortuna 15'		Pliocene
24258	Tierra Redonda Mtn	20703	B	Bee Rock	219-M		age from map	early Miocene Relizian Stage
24259	Tierra Redonda Mtn	20703	C	Bee Rock	219-M		age from map	early Miocene Relizian Stage
24260	Tierra Redonda Mtn	20704		SE of Pleyto	219-M		age from map	early Miocene Relizian Stage
24261	Tierra Redonda Mtn	20705	B	SE of Pleyto	219-M		age from map	middle Miocene Luisian Stage
24262	Tierra Redonda Mtn	20706		SE of Pleyto	219-M		age from map	middle Miocene Luisian Stage
24263	Tierra Redonda Mtn	20707	A	SE of Pleyto	219-M		age from map	early Miocene Relizian Stage
24264	Tierra Redonda Mtn	20707	B	SE of Pleyto	219-M		age from map	early Miocene Relizian Stage
24265	Tierra Redonda Mtn	20708		SE of Pleyto	219-M		age from map	early Miocene Relizian Stage
24266	Tierra Redonda Mtn	20709	A	SE of Pleyto	219-M		age from map	early Miocene Relizian Stage
24267	Tierra Redonda Mtn	20709	B	SE of Pleyto	219-M		age from map	early Miocene Relizian Stage
24268	Tierra Redonda Mtn	20710	A	SE of Pleyto	219-M		age from map	early Miocene Relizian? Stage
24269	Tierra Redonda Mtn	20710	B	SE of Pleyto	219-M		age from map	early Miocene Relizian? Stage
24270	Tierra Redonda Mtn	20711		SE of Pleyto	219-M		age from map	early Miocene Relizian? Stage
24271	Tierra Redonda Mtn	20712	A	SE of Pleyto	219-M		age from map	early Miocene Relizian Stage
24272	Tierra Redonda Mtn	20712	B	SE of Pleyto	219-M		age from map	early Miocene Relizian Stage
24273	Tierra Redonda Mtn	20713	A	SE of Pleyto	219-M		age from map	early Miocene Relizian Stage
24274	Tierra Redonda Mtn	20713	B	SE of Pleyto	219-M		age from map	early Miocene Relizian Stage
24275	Tierra Redonda Mtn	20714	A	SE of Pleyto	219-M		age from map	early Miocene Relizian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
24276	Tierra Redonda Mtn	20714	B	SE of Pleyto	219-M		age from map	early Miocene Relizian Stage
24277	Tierra Redonda Mtn	20715		SE of Pleyto	219-M		age from map	middle and late Miocene upper? Mohnian Stage
24278	Tierra Redonda Mtn	20716		Sulphur Canyon	219-M		age from map	early Miocene Relizian Stage
24279	Tierra Redondo Mtn	20717		vic Tierra R Mtn	219-M	2/24S/9E	not on map	middle and late Miocene upper? Mohnian Stage
24280	Tierra Redondo Mtn	20718		vic Tierra R Mtn	219-M	11/24S/9E	not on map	middle and late Miocene upper? Mohnian Stage
24281	Williams Hill	20720	A	SW part of quad	219-M	22/23S/8E	age from map	Early Miocene Relizian Stage
24282	Williams Hill	20720	B	SW part of quad	219-M	Jackson Hill	age from map	middle Miocene Luisian Stage
24283	Paso Robles	20721		Paso Robles Road	219-M		age from map	middle Miocene Luisian Stage
24284	Paso Robles	20722	A	Paso Robles Road	219-M		age from map	middle Miocene Luisian Stage
24285	Patterson	20724	2	Little Salado Ck	236-B	Patterson shot pts	Age inferred	Cretaceous arenaceous foraminifers
24286	Patterson	20724	3	Little Salado Ck	236-B	Patterson shot pts	from check	Cretaceous arenaceous foraminifers
24287	Patterson	20724	4	Little Salado Ck	236-B	Patterson shot pts	list	Cretaceous arenaceous foraminifers
24288	Patterson	20724	5	Little Salado Ck	236-B	Patterson shot pts		Cretaceous arenaceous foraminifers
24289	Patterson	20724	6	Little Salado Ck	236-B	Patterson shot pts		Cretaceous arenaceous foraminifers
24290	Patterson	20724	7	Little Salado Ck	236-B	Patterson shot pts		Cretaceous arenaceous foraminifers
24291	Patterson	20724	8	Little Salado Ck	236-B	Patterson shot pts		Cretaceous arenaceous foraminifers
24292	Salisbury Potrero	21000	E	Foresters Leap Cy	189-A	Salisbury Cyn 15'		early Miocene Saucesian Stage
24293	Salisbury Potrero	21000	F	Foresters Leap Cy	189-A	Salisbury Cyn 15'		early Miocene Saucesian Stage
24294	Salisbury Potrero	21000	G	Foresters Leap Cy	189-A	Salisbury Cyn 15'		early Miocene Saucesian Stage
24295	Salisbury Potrero	21000	I	Foresters Leap Cy	189-A	Salisbury Cyn 15'		early Miocene Relizian Stage
24296	Salisbury Potrero	21000	J	Foresters Leap Cy	189-A	Salisbury Cyn 15'		early Miocene Relizian Stage
24297	Salisbury Potrero	21000	K	Foresters Leap Cy	189-A	Salisbury Cyn 15'		early Miocene Relizian or middle Miocene Luisian Stage
24298	Salisbury Potrero	21000	L	Foresters Leap Cy	189-A	Salisbury Cyn 15'		early Miocene Relizian or middle Miocene Luisian Stage
24299	Salisbury Potrero	21002		Sierra Madre Rd	189-A	Salisbury Cyn 15'		early Miocene Relizian Stage
24300	Salisbury Potrero	21003	B	Sierra Madre Rd	189-A	Salisbury Cyn 15'		middle Miocene Luisian Stage
24301	Fox Mountain	21004	C	SW part quad	189-A	Salisbury Cyn 15'	age from map	middle Miocene Luisian Stage
24302	Salisbury Potrero	21005	C	Sweetwater Trail	189-A	Salisbury Cyn 15'		early Miocene Saucesian Stage
24303	Salisbury Potrero	21006	B	Logan Canyon	189-A	Salisbury Cyn 15'		early Miocene lower Relizian Stage
24304	Salisbury Potrero	21006	C	Logan Canyon	189-A	Salisbury Cyn 15'		early Miocene Relizian Stage
24305	Salisbury Potrero	21006	D	Logan Canyon	189-A	Salisbury Cyn 15'		early Miocene Relizian Stage
24306	Salisbury Potrero	21006	E	Logan Canyon	189-A	Salisbury Cyn 15'		early Miocene Relizian or middle Miocene Luisian Stage
24307	Salisbury Potrero	21010	A	SE part of quad	189-A	Salisbury Cyn 15'		early Miocene Saucesian Stage
24308	Salisbury Potrero	21010	C	SE part of quad	189-A	Salisbury Cyn 15'		early Miocene Saucesian Stage
24309	Salisbury Potrero	21010	D	SE part of quad	189-A	Salisbury Cyn 15'		early Miocene Relizian Stage
24310	Salisbury Potrero	21010	E	SE part of quad	189-A	Salisbury Cyn 15'		early Miocene Relizian? Stage
24311	Salisbury Potrero	21010	F	SE part of quad	189-A	Salisbury Cyn 15'		early Miocene Relizian or middle Miocene Luisian Stage
24312	Cuyama Peak	21015		Cuyama River	no slide	age from map		early Miocene Relizian? Stage megafossils
24313	Cuyama Peak	21018	C	SW of Wycoff Rnch	189-A	age from map		shallow water Miocene
24314	Cuyama Peak	21018	D	SW of Wycoff Rnch	189-A	age from map		shallow water Miocene
24315	Cuyama Peak	21021		Cuyama River	no slide	age from map	megafossil age	early Miocene Relizian? Stage
24316	Cuyama Peak	21025	B	Cuyama River	189-A	age from map		middle? Miocene
24317	Cuyama Peak	21026		Cuyama River	no slide	age from map		middle? Miocene
24318	New Cuyama	21027		SW part of quad	no slide	Salisburn Cyn 15'	age from map	early Miocene Saucesian Stage
24319	Painted Rock	21039		SE Painted R Rnch	189-B	Caliente Mtn 15'		Oligocene Zemorrian Stage
24320	Caliente Mountain	21041		Morales Canyon	189-B	Caliente Mtn 15'		middle Miocene Luisian Stage
24321	Caliente Mountain	21042		Morales Canyon	189-B	Caliente Mtn 15'		middle Miocene Luisian Stage
24322	Caliente Mountain	21043		Morales Canyon	189-B	Caliente Mtn 15'		middle Miocene Luisian Stage
24323	Caliente Mountain	21044		Morales Canyon	189-B	Caliente Mtn 15'		middle Miocene Luisian Stage
24324	Caliente Mountain	21045		Morales Canyon	189-B	Caliente Mtn 15'		middle Miocene Luisian Stage
24325	Caliente Mountain	21046		Morales Canyon	189-B	Caliente Mtn 15'		Oligocene Zemorrian Stage
24326	Caliente Mountain	21047		Morales Canyon	189-B	Caliente Mtn 15'		Oligocene Zemorrian Stage
24327	Caliente Mountain	21049		Morales Canyon	189-B	Caliente Mtn 15'		Oligocene Zemorrian Stage
24328	Caliente Mountain	21050		32/12N/28W	189-B	Caliente Mtn 15'		Oligocene Zemorrian Stage
24329	California Valley	21055		SE corner quad	189-B	La Panza 15'		middle Miocene Luisian Stage
24330	California Valley	21057		SE corner quad	189-B	La Panza 15'		middle Miocene Luisian Stage
24331	La Panza	21067		Hay Canyon	189-B	La Panza 15'		early Miocene Saucesian Stage
24332	La Panza	21068		Hay Canyon	189-B	La Panza 15'		middle Miocene Luisian Stage
24333	La Panza	21069		Hay Canyon	189-B	La Panza 15'		early Miocene Saucesian or Relizian Stage
24334	La Panza	21074		San Juan Creek	189-B	La Panza 15'		middle Miocene Luisian Stage
24335	La Panza	21076		San Juan Creek	189-B	La Panza 15'		Miocene
24336	Cuyama	21083		Cuyama Valley	189-B	Salisbury Cyn 15'		Late Cretaceous arenaceous foraminifers
24337	Hurricane Deck	21085	A	NE corner quad	189-B	McPherson Pk 15'	age from map	early Miocene lower Relizian Stage
24338	Hurricane Deck	21085	B	NE corner quad	189-B	McPherson Pk 15'	age from map	early Miocene lower Relizian Stage
24339	Hurricane Deck	21086		NE corner quad	189-B	McPherson Pk 15'	age from map	early Miocene lower Relizian Stage
24340	Hurricane Deck	21087	A	NE corner quad	189-C	McPherson Pk 15'	age from map	early Miocene upper Saucesian Stage
24341	Hurricane Deck	21087	B	NE corner quad	189-C	McPherson Pk 15'	age from map	early Miocene upper Saucesian Stage
24342	Hurricane Deck	21088	A	NE corner quad	189-C	McPherson Pk 15'	age from map	early Miocene upper Saucesian Stage
24343	Hurricane Deck	21088	B	NE corner quad	189-C	McPherson Pk 15'	age from map	early Miocene upper Saucesian Stage
24344	Hurricane Deck	21088	C	NE corner quad	189-C	McPherson Pk 15'	age from map	early Miocene Saucesian? Stage
24345	Hurricane Deck	21089	A	NE corner quad	189-C	McPherson Pk 15'	age from map	early Miocene Saucesian Stage
24346	Hurricane Deck	21089	B	NE corner quad	189-C	McPherson Pk 15'	age from map	early Miocene Saucesian Stage or Relizian Stage
24347	Hurricane Deck	21089	C	NE corner quad	189-C	McPherson Pk 15'	age from map	early Miocene Relizian? Stage
24348	Hurricane Deck	21090	A	NE corner quad	189-C	McPherson Pk 15'	age from map	early Miocene Saucesian? Stage
24349	Hurricane Deck	21090	B	NE corner quad	189-C	McPherson Pk 15'	age from map	early Miocene Saucesian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
24350	Hurricane Deck	21090	C	NE corner quad	189-C	McPherson Pk 15'	age from map	early Miocene upper Saucesian Stage
24351	Hurricane Deck	21091		NE corner quad	189-C	McPherson Pk 15'	age from map	early Miocene Saucesian Stage
24352	New Cuyama	21092		SW corner quad	189-C	Salisbury Cyn 15'	age from map	early Miocene Saucesian Stage
24353	New Cuyama	21093		SW corner quad	189-C	Salisbury Cyn 15'	age from map	early Miocene Saucesian Stage
24354	Salisbury Potrero	21098		NW corner quad	189-C	Salisbury Cyn 15'		early Miocene Saucesian Stage
24355	Eureka	21304		Rynn Creek	260-A	Eureka 15'	rich fauna	Pliocene
24356	Arcata South	21307		SE of Freshwater	260-A	Eureka 15'		Pliocene
24357	McWhinney Creek	21312		NC part of quad	260-A	Fortuna 15'		Late Cretaceous or Paleocene
24358	McWhinney Creek	21318	1	N Fork Elk River	260-A	Fortuna 15'		Pliocene
24359	McWhinney Creek	21318	2	N Fork Elk River	260-A	Fortuna 15'		Pliocene
24360	McWhinney Creek	21319	2	N Fork Elk River	260-A	Fortuna 15'		Pliocene
24361	Fields Landing	21320	4	N Fork Elk River	260-B	Fortuna 15'		Late Cretaceous or Paleocene
24362	Fields Landing	21320	10	N Fork Elk River	260-B	Fortuna 15'		Pliocene
24363	McWhinney Creek	21320	4	N Fork Elk River	no slide	Fortuna 15'		Late Cretaceous or Paleocene
24364	McWhinney Creek	21320	10	N Fork Elk River	no slide	Fortuna 15'		Pliocene?
24365	McWhinney Creek	21321	1	N Fork Elk River	260-B	Fortuna 15'		Pliocene
24366	McWhinney Creek	21321	2	N Fork Elk River	260-B	Fortuna 15'		Pliocene with reworked Miocene foraminifers
24367	McWhinney Creek	21321	5	N Fork Elk River	260-B	Fortuna 15'		Pliocene with reworked Miocene foraminifers
24368	Arcata South	21322	1	Cloney Gulch	260-B	Eureka 15'		Pliocene?
24369	Arcata South	21322	3	Cloney Gulch	260-B	Eureka 15'		Pliocene
24370	Arcata South	21324	3	Freshwater	260-B	Eureka 15'		Pliocene
24371	Arcata South	21324	4	Freshwater	260-B	Eureka 15'		Pliocene and reworked Miocene
24372	McWhinney Creek	21324	3	L Freshwater Ck	260-B	Fortuna 15'		Pliocene
24373	McWhinney Creek	21324	4	L Freshwater Ck	260-B	Fortuna 15'		Pliocene with reworked Miocene foraminifers
24374	Arcata South	21325	6	SW corner quad	no slide	Eureka 15'		Pliocene and reworked Miocene
24375	McWhinney Creek	21325		NW part of quad	260-B	Fortuna 15'		Pliocene
24376	McWhinney Creek	21326	1	E of Ridgewood H	260-B	Fortuna 15'		Late Cretaceous or Paleocene
24377	McWhinney Creek	21334	5	West Fork	260-B	Fortuna 15'		Pliocene
24378	McWhinney Creek	21336	3	S Fork Elk River	260-B	Fortuna 15'		Pliocene
24379	McWhinney Creek	21336	4	S Fork Elk River	260-B	Fortuna 15'		Pliocene with reworked Miocene foraminifers
24380	McWhinney Creek	21336	6	S Fork Elk River	260-B	Fortuna 15'		Pliocene
24381	McWhinney Creek	21336	7	S Fork Elk River	260-B	Fortuna 15'		Pliocene
24382	McWhinney Creek	21336	8	S Fork Elk River	260-B	Fortuna 15'		Pliocene
24383	McWhinney Creek	21336	9	S Fork Elk River	260-B	Fortuna 15'		Pliocene
24384	McWhinney Creek	21336	10	S Fork Elk River	260-B	Fortuna 15'		Pliocene
24385	McWhinney Creek	21337	1	S Fork Elk River	260-C	Fortuna 15'		Pliocene
24386	McWhinney Creek	21337	2	S Fork Elk River	260-C	Fortuna 15'		Pliocene
24387	McWhinney Creek	21337	3	S Fork Elk River	260-C	Fortuna 15'		Pliocene
24388	McWhinney Creek	21337	4	S Fork Elk River	260-C	Fortuna 15'		Pliocene
24389	McWhinney Creek	21337	6	S Fork Elk River	260-C	Fortuna 15'		Pliocene
24390	McWhinney Creek	21337	11	S Fork Elk River	260-C	Fortuna 15'		Pliocene
24391	Arcata South	21338	1	E of Freshwater	260-C	Eureka 15'		Pliocene
24392	Arcata South	21339	2	E of Freshwater	260-C	Eureka 15'		Pliocene
24393	McWhinney Creek	21340	5	E of Loleta	260-C	Fortuna 15'		Pliocene
24394	McWhinney Creek	21340	6	E of Loleta	260-C	Fortuna 15'		Pliocene
24395	McWhinney Creek	21340	7	E of Loleta	260-C	Fortuna 15'		Pliocene
24396	McWhinney Creek	21340	8	E of Loleta	260-C	Fortuna 15'		Pliocene
24397	McWhinney Creek	21340	10	E of Loleta	260-C	Fortuna 15'		Pliocene
24398	McWhinney Creek	21340	12	E of Loleta	260-C	Fortuna 15'		Pliocene
24399	McWhinney Creek	21340	13	E of Loleta	260-C	Fortuna 15'		Pliocene
24400	McWhinney Creek	21340	14	E of Loleta	260-C	Fortuna 15'		Pliocene
24401	Fields Landing	21341	1	SE corner of quad	260-C	Fortuna 15'		Pliocene
24402	Fields Landing	21341	2	SE corner of quad	260-C	Fortuna 15'		Pliocene
24403	Fields Landing	21341	5	SE corner of quad	260-C	Fortuna 15'		Pliocene
24404	Fields Landing	21341	7	SE corner of quad	260-C	Fortuna 15'		Pliocene
24405	Fields Landing	21341	9	SE corner of quad	260-C	Fortuna 15'		Pliocene
24406	Fields Landing	21341	11	SE corner of quad	260-C	Fortuna 15'		Pliocene
24407	Hydesville	21342	1	Blanton Prairie	260-C	Fortuna 15'		possibly Paleocene
24408	Hydesville	21342	3	Blanton Prairie	260-C	Fortuna 15'		possibly Paleocene
24409	Brentwood	21361	IPC 268	Marsh Creek	208-D			probably Late Cretaceous E Zone
24410	Clayton	21363	etc 551	SE corner of quad	208-D			Cretaceous arenaceous foraminifers
24411	Clayton	21363	551RS	SE corner of quad	none		resample	Early Cretaceous J-1 Zone
24412	Clayton	21364	553	SE corner of quad	208-D			Cretaceous arenaceous foraminifers
24413	Clayton	21364	553RS	SE corner of quad	none		resample	Early Cretaceous J-1 Zone
24414	Antioch South	21365	554	Marsh Creek Road	208-D	Colburn collector		Cretaceous arenaceous foraminifers
24415	Antioch South	21366	556	Marsh Creek Road	208-D	etc		Late Cretaceous I Zone
24416	Diablo	21367	557	Curry Canyon	208-D		abun planktics	early Eocene B-1 Zone
24417	Diablo	21368	559	Curry Canyon	208-D			Cretaceous or Paleocene
24418	Brentwood	21369	etc 564	now in reservoir	208-D			Late Cretaceous C or D Zone
24419	Brentwood	21370	565	Marsh Creek	208-D			Late Cretaceous C or D Zone
24420	Brentwood	21371	568	Marsh Creek	208-D			Late Cretaceous D or E Zone
24421	Brentwood	21372	569	Marsh Creek	208-D			Late Cretaceous D or E Zone
24422	Brentwood	21373	570	Marsh Creek	208-D			Late Cretaceous E Zone
24423	Tassajara	21374	IPC 572	NE corner of quad	208-E			Late Cretaceous F Zone

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24424	Antioch South	21375	573	Marsh Creek Road	208-E		age from map	Late Cretaceous F-1 Zone
24425	Antioch South	21377	575	Marsh Creek Road	208-E		age from map	Late Cretaceous H Zone or older
24426	Antioch South	21379	577	Marsh Creek Road	208-E		age from map	Late Cretaceous H Zone or older
24427	Antioch South	21380	578	Marsh Creek Road	208-E		age from map	Late Cretaceous H Zone or older
24428	Antioch South	21382	580	Marsh Creek Road	208-E			Late Cretaceous H Zone or older
24429	Clayton	21383	581	Clayton Road	208-E			Late Cretaceous H Zone or older
24430	Clayton	21384	582	Clayton Road	208-E			Late Cretaceous H Zone or older
24431	Tassajara	21385	etc 41	center of quad	208-E	recollect of 21374		Late Cretaceous F Zone
24432	Antioch South	21386	42	Briones Valley Rd	208-E			Late Cretaceous E or G Zone
24433	Clayton	21388	118	Castle Rock Park	208-E			early Eocene B-1 Zone
24434	Brentworth	21389	86	Marsh Creek	208-D			middle Eocene B-1 Zone
24435	Diablo	21389	86	NW part of quad	208-E			early Eocene B-1 Zone
24436	Brentwood	21390	250	Marsh Creek	208-E			Late Cretaceous C or D Zone
24437	Diablo	21391	88	NC part of quad	208-E			early Eocene B-1 Zone
24438	Clayton	21392	249	Nortonville	208-E			early Eocene D Zone
24439	Clayton	21393	117	Castle Rock Park	208-E			early Eocene B-1 Zone
24440	Clayton	21394	222	Mitchell Creek	208-E			Early Cretaceous arenaceous foraminifers
24441	Clayton	21395	245	Nortonville	208-E			early Eocene D Zone
24442	Antioch South	21396	397	Oil Canyon	208-E			Late Cretaceous E or G Zone
24443	Diablo	21397	93	NC part of quad	208-E			early Eocene B-1 Zone
24444	Antioch South	21398	401	Stewartsville	208-E			late Paleocene E or early Eocene D Zone
24445	Tassajara	21399	41	center of quad	208-E			Late Cretaceous F Zone
24446	Tassajara	21400	201	NW part of quad	208-E			Late Cretaceous E, F, or G Zone
24447	Diablo	21401	27A	NE part of quad	208-E			Eocene or Paleocene
24448	Brentwood	21402	213	SW corner of quad	208-E			Late Cretaceous C or D Zone
24449	Clayton	21403	182	EC part of quad	no slide			Late Cretaceous F-1 or G-1 Zone
24450	Antioch South	21404	402	Briones Valley Rd	no slide			Late Cretaceous F or G-1 Zone
24451	Antioch South	21405	539	S of Stewartsville	208-E			late Paleocene E Zone
24452	Tassajara	21406	841	NW part of quad	208-E			Late Cretaceous arenaceous foraminifers
24453	Antioch South	21407	653	Oil Canyon	208-E			Late Cretaceous D-2 or E Zone
24454	Brentworth	21408	654	SW corner of quad	208-E			Late Cretaceous E to G-1 Zone
24455	Clayton	21408	654	center of quad	no slide			Late Cretaceous E or G-1 Zone
24456	Vine Hill	21431		RR cut NE Maltby	no slide	Carquinez 15'		Eocene
24457	Walnut Creek	21454		NW of Pacheco	103K	sa # 22046		early Eocene D Zone
24458	Vine Hill	21455		vic Vine Hill	no slide			early Eocene D Zone
24459	Walnut Creek	21458		Hwy 4 W PachecoRd	no slide			late Eocene
24460	Antioch South	21461	1A	Deer Valley Road	226-E	Mt Diablo auger	excell fauna	Late Cretaceous E Zone
24461	Antioch South	21461	1B	Deer Valley Road	226-E	Mt Diablo auger	32/1N/2E	Late Cretaceous E Zone
24462	Antioch South	21461	2A	Deer Valley Road	226-E	Mt Diablo auger	32/1N/2E	Late Cretaceous E Zone
24463	Antioch South	21461	2B	Deer Valley Road	226-E	Mt Diablo auger	32/1N/2E	Late Cretaceous E Zone
24464	Antioch South	21461	3A	Deer Valley Road	226-F	Mt Diablo auger	32/1N/2E	Late Cretaceous E Zone
24465	Antioch South	21461	3B	Deer Valley Road	226-F	Mt Diablo auger	32/1N/2E	Late Cretaceous E Zone
24466	Antioch South	21461	3C	Deer Valley Road	226-F	Mt Diablo auger	32/1N/2E	Late Cretaceous E Zone
24467	Antioch South	21461	3AA	Deer Valley Road	226-F	Mt Diablo auger	32/1N/2E	Late Cretaceous E Zone
24468	Antioch South	21461	3AAB	Deer Valley Road	226-F	Mt Diablo auger	32/1N/2E	Late Cretaceous E Zone
24469	Antioch South	21461	3BB	Deer Valley Road	226-F	Mt Diablo auger	32/1N/2E	Late Cretaceous E Zone
24470	Antioch South	21461	4	Deer Valley Road	226-F	Mt Diablo auger	32/1N/2E	Late Cretaceous E Zone
24471	Byron Hot Springs	21462	2A	NW corner quad	226-F	Mt Diablo auger		Late Cretaceous E Zone
24472	Byron Hot Springs	21462	2B	NW corner quad	226-F	Mt Diablo auger		Late Cretaceous E Zone
24473	Byron Hot Springs	21462	2C	NW corner quad	226-F	Mt Diablo auger		Late Cretaceous E Zone
24474	Byron Hot Springs	21462	3A	NW corner quad	226-F	Mt Diablo auger		Late Cretaceous E Zone
24475	Byron Hot Springs	21462	3B	NW corner quad	226-E	Mt Diablo auger		Late Cretaceous E Zone
24476	Byron Hot Springs	21462	4A	NW corner quad	226-E	Mt Diablo auger		Late Cretaceous E Zone
24477	Byron Hot Springs	21462	4B	NW corner quad	226-E	Mt Diablo auger		Late Cretaceous E Zone
24478	Byron Hot Springs	21462	4C	NW corner quad	226-E	Mt Diablo auger		Late Cretaceous E Zone
24479	Byron Hot Springs	21462	4D	NW corner quad	226-E	Mt Diablo auger		Late Cretaceous E Zone
24480	Byron Hot Springs	21462	5A	NW corner quad	226-E	Mt Diablo auger		Late Cretaceous E Zone
24481	Byron Hot Springs	21462	5B	NW corner quad	226-E	Mt Diablo auger		Late Cretaceous E Zone
24482	Byron Hot Springs	21462	5C	NW corner quad	226-E	Mt Diablo auger		Late Cretaceous E Zone
24483	Byron Hot Springs	21462	6A	NW corner quad	226-E	Mt Diablo auger		Late Cretaceous F-1 Zone
24484	Byron Hot Springs	21462	6B	NW corner quad	226-E	Mt Diablo auger		Late Cretaceous F-1 Zone
24485	Byron Hot Springs	21462	6C	NW corner quad	226-E	Mt Diablo auger		Late Cretaceous F-1 Zone
24486	Byron Hot Springs	21462	7A	NW corner quad	226-E	Mt Diablo auger		Late Cretaceous F-1 Zone
24487	Byron Hot Springs	21462	7B	NW corner quad	226-E	Mt Diablo auger		Late Cretaceous F-1 Zone
24488	Byron Hot Springs	21462	7C	NW corner quad	226-E	Mt Diablo auger		Late Cretaceous F-1 Zone
24489	Byron Hot Springs	21462	5.5	NW corner quad	226-E	Mt Diablo auger		Late Cretaceous E Zone
24490	Byron Hot Springs	21462	6.5	NW corner quad	226-E	Mt Diablo auger		Late Cretaceous F-1 Zone
24491	Byron Hot Springs	21462	7.5	NW corner quad	226-E	Mt Diablo auger		Late Cretaceous F-1 Zone
24492	Tassajara	21462	8A	NE corner quad	226-E	Mt Diablo auger		Late Cretaceous F-1 Zone
24493	Tassajara	21462	8B	NE corner quad	226-E	Mt Diablo auger		Late Cretaceous F-1 Zone
24494	Tassajara	21462	8C	NE corner quad	226-E	Mt Diablo auger		Late Cretaceous F-1 Zone
24495	Tassajara	21462	8.5	NE corner quad	226-E	Mt Diablo auger		Late Cretaceous F-1 Zone
24496	Vine Hill	21462	A	vic Vine Hill	no slide	Mt Diablo auger		Late Cretaceous E Zone
24497	Vine Hill	21462	B	vic Vine Hill	no slide	Mt Diablo auger		Late Cretaceous E Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
24498	Vine Hill	21462	D	vic Vine Hill	no slide	Mt Diablo auger		Late Cretaceous E Zone
24499	Tassajara	21463	1A	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous G-2 Zone
24500	Tassajara	21463	1B	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous G-2 Zone
24501	Tassajara	21463	1C	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous G-2 Zone
24502	Tassajara	21463	2A	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous G-2 Zone
24503	Tassajara	21463	2B	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous G-2 Zone
24504	Tassajara	21463	2C	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous G-2 Zone
24505	Tassajara	21463	3A	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous G-2 Zone
24506	Tassajara	21463	3B	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous G-2 Zone
24507	Tassajara	21463	4A	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous G-2 Zone
24508	Tassajara	21463	4B	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous G-2 Zone
24509	Tassajara	21463	5A	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous G-2 Zone
24510	Tassajara	21463	5B	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous G-2 Zone
24511	Tassajara	21463	6A	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous G-2 Zone
24512	Tassajara	21463	6B	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous G-2 Zone
24513	Tassajara	21463	7A	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous G-1 Zone
24514	Tassajara	21463	7B	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous G-1 Zone
24515	Tassajara	21463	8	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous G-1 Zone
24516	Tassajara	21463	9A	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous arenaceous foraminifers
24517	Tassajara	21463	9B	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous arenaceous foraminifers
24518	Tassajara	21463	9C	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous arenaceous foraminifers
24519	Tassajara	21463	10A	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous F-2 Zone
24520	Tassajara	21463	10B	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous F-2 Zone
24521	Tassajara	21463	11A	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous F-2 Zone
24522	Tassajara	21463	11B	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous F-2 Zone
24523	Tassajara	21463	12A	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous F-2 Zone
24524	Tassajara	21463	12B	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous F-2 Zone
24525	Tassajara	21463	12C	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous F-2 Zone
24526	Tassajara	21463	13	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous F-2 Zone
24527	Tassajara	21463	14	NE corner quad	226-G	Mt Diablo auger		Late Cretaceous F-2 Zone
24528	Antioch South	21464	1	Marsh Creek Road	226-G	Mt Diablo auger	31/IN/2E	Late Cretaceous F-2 Zone
24529	Antioch South	21464	2	Marsh Creek Road	226-G	Mt Diablo auger	36/1N/1E	Late Cretaceous F-2 Zone
24530	Antioch South	21465	3A	SW corner quad	226-G	Mt Diablo auger		Early or Late Cretaceous J Zone
24531	Antioch South	21465	3B	SW corner quad	226-G	Mt Diablo auger		Early or Late Cretaceous J Zone
24532	Antioch South	21465	3C	SW corner quad	226-G	Mt Diablo auger		Early or Late Cretaceous J Zone
24533	Antioch South	21465	4A	SW corner quad	226-G	Mt Diablo auger		Early Cretaceous J-2 Zone
24534	Antioch South	21465	6A	SW corner quad	226-G	Mt Diablo auger		Late Cretaceousaceoous J-1 Zone
24535	Antioch South	21465	6B	SW corner quad	226-G	Mt Diablo auger		Late Cretaceousaceoous J-1 Zone
24536	Tassajara	21465	3	Morgan Terr Road	226-G	Mt Diablo auger		Early Cretaceous J-1 or J-2 Zone
24537	Tassajara	21465	9	Morgan Terr Road	226-G	Mt Diablo auger		Cretaceous arenaceous foraminifers
24538	Tassajara	21465	10	Morgan Terr Road	226-G	Mt Diablo auger		Cretaceous arenaceous foraminifers
24539	Tassajara	21465	11	Morgan Terr Road	226-G	Mt Diablo auger		Cretaceous arenaceous foraminifers
24540	Tassajara	21465	12	Morgan Terr Road	226-G	Mt Diablo auger		Cretaceous arenaceous foraminifers
24541	Tassajara	21465	13	Morgan Terr Road	226-G	Mt Diablo auger		Cretaceous arenaceous foraminifers
24542	Tassajara	21465	14	Morgan Terr Road	226-H	Mt Diablo auger		Late Cretaceous I Zone
24543	Tassajara	21465	15	Morgan Terr Road	226-H	Mt Diablo auger		Late Cretaceous I Zone
24544	Tassajara	21465	20	Morgan Terr Road	226-H	Mt Diablo auger		Cretaceous arenaceous foraminifers
24545	Tassajara	21465	21	Morgan Terr Road	226-H	Mt Diablo auger		Cretaceous arenaceous foraminifers
24546	Tassajara	21465	22	Morgan Terr Road	226-H	Mt Diablo auger		Cretaceous arenaceous foraminifers
24547	Tassajara	21465	23	Morgan Terr Road	226-H	Mt Diablo auger		Cretaceous arenaceous foraminifers
24548	Tassajara	21465	24	Morgan Terr Road	226-H	Mt Diablo auger		Cretaceous arenaceous foraminifers
24549	Tassajara	21465	25	Morgan Terr Road	226-H	Mt Diablo auger		Cretaceous arenaceous foraminifers
24550	Tassajara	21465	26	Morgan Terr Road	226-H	Mt Diablo auger		Cretaceous arenaceous foraminifers
24551	Tassajara	21465	27	Morgan Terr Road	226-H	Mt Diablo auger		Cretaceous arenaceous foraminifers
24552	Tassajara	21465	29	Morgan Terr Road	226-H	Mt Diablo auger		probably Late Cretaceous H Zone
24553	Diablo	21466	1B	Curry Canyon	226-H	Mt Diablo auger		Early Cretaceous J Zone
24554	Diablo	21466	2	Curry Canyon	226-H	Mt Diablo auger		Early Cretaceous J-1 Zone
24555	Tassajara	21466	3A	NW corner of quad	226-H	Mt Diablo auger		Early Cretaceous J-1 Zone
24556	Tassajara	21466	3B	NW corner of quad	226-H	Mt Diablo auger		Early Cretaceous J-1 Zone
24557	Byron Hot Springs	21467	1	Vasco Road	226-H	Mt Diablo auger		Late Cretaceous E Zone
24558	Byron Hot Springs	21467	2	Vasco Road	226-H	Mt Diablo auger		Late Cretaceous E Zone
24559	Byron Hot Springs	21467	3	Vasco Road	226-H	Mt Diablo auger		Late Cretaceous E or F Zone
24560	Byron Hot Springs	21467	4	Vasco Road	226-H	Mt Diablo auger		Late Cretaceous F Zone
24561	Byron Hot Springs	21467	5	Vasco Road	226-H	Mt Diablo auger		Late Cretaceous F-2 Zone
24562	Byron Hot Springs	21467	6A	Vasco Road	226-H	Mt Diablo auger		Late Cretaceous F or G Zone
24563	Byron Hot Springs	21467	7A	Vasco Road	226-H	Mt Diablo auger		Late Cretaceous G-1 Zone
24564	Byron Hot Springs	21467	8A	Vasco Road	226-H	Mt Diablo auger		Late Cretaceous G Zone
24565	Byron Hot Springs	21467	9	Vasco Road	226-H	Mt Diablo auger	flood rads	Late Cretaceous G-2 Zone
24566	Byron Hot Springs	21467	9A	Vasco Road	226-H	Mt Diablo auger	flood rads	Late Cretaceous G-2 Zone
24567	Byron Hot Springs	21467	10A	Vasco Road	226-H	Mt Diablo auger		Late Cretaceous H Zone
24568	Byron Hot Springs	21467	11A	Vasco Road	226-H	Mt Diablo auger		Late Cretaceous H Zone
24569	Byron Hot Springs	21467	12	Vasco Road	226-H	Mt Diablo auger		Late Cretaceous H Zone
24570	Byron Hot Springs	21467	13A	Vasco Road	226-H	Mt Diablo auger		Late Cretaceous H or I Zone
24571	Byron Hot Springs	21467	14	Vasco Road	226-H	Mt Diablo auger		Late Cretaceous arenaceous foraminifers

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
24572	Byron Hot Springs	21467	15A	Vasco Road	226-H	Mt Diablo auger		Late Cretaceous G-2 Zone
24573	Byron Hot Springs	21467	16A	Vasco Road	226-H	Mt Diablo auger		Late Cretaceous arenaceous foraminifers
24574	Byron Hot Springs	21468	17A	Vasco Road	226-H	Mt Diablo auger		Late Cretaceous G1 Zone
24575	Byron Hot Springs	21468	17B	Vasco Road	226-H	Mt Diablo auger		Late Cretaceous G Zone
24576	Byron Hot Springs	21468	1	Dyer Road	226-H	Mt Diablo auger		probably Late Cretaceous G-1 Zone
24577	Byron Hot Springs	21468	2	Dyer Road	226-H	Mt Diablo auger		probably Late Cretaceous G-1 Zone
24578	Byron Hot Springs	21468	3	Dyer Road	226-H	Mt Diablo auger		probably Late Cretaceous G-1 Zone
24579	Byron Hot Springs	21468	4	Dyer Road	226-H	Mt Diablo auger		probably Late Cretaceous G-1 Zone
24580	Byron Hot Springs	21468	5	Dyer Road	226-H	Mt Diablo auger		probably Late Cretaceous F-2 Zone
24581	Fox Mountain	21470		Alamo Canyon	260-F	Vedder Mf 933	age from map	early Miocene Relizian Stage
24582	Fox Mountain	21471		Cox Canyon	260-F	Vedder Mf 936	age from map	early Miocene upper? Relizian Stage
24583	Fox Mountain	21472		Cox Canyon	260-F	Vedder Mf 940	age from map	early Miocene Relizian or middle Miocene Luisian Stage
24584	Fox Mountain?	21473		Alamo Canyon	260-F	Vedder Mf 946	not on map	middle Miocene
24585	Wells Ranch	21474		Abbott Canyon	260-F	Vedder Mf 975		early or middle Miocene
24586	Byron Hot Springs	21502		Brushy Creek	226-C	17/2S/3E	not on map	Late Cretaceous F-2 Zone
24587	Byron Hot Springs	21503		Vasco Road	226-C		good calc	Late Cretaceous G-2 Zone
24588	Byron Hot Springs	21504		Vasco Road	226-C	10/2S/2E	see 11584	Late Cretaceous F-2 Zone
24589	Byron Hot Springs	21506		Vasco Road	226-C			Late Cretaceous G-2 Zone
24590	Byron Hot Springs	21510		Vasco Road	226-D			probably Late Cretaceous G-2 Zone
24591	Byron Hot Springs	21511		SE part quad	226-D			Late Cretaceous F-2 Zone
24592	Altamont	21519		Altamont Creek	226-D			Late Cretaceous F-2 Zone
24593	Altamont	21520		Altamont Creek	226-D			Late Cretaceous F-2 Zone
24594	Altamont	21522		Altamont Creek	226-D			Late Cretaceous F-2 Zone
24595	Altamont	21523		Altamont Creek	226-D			Late Cretaceous F-2 Zone
24596	Altamont	21524		NE part quad	226-D			Late Cretaceous F-2 Zone
24597	Altamont	21526		NE part quad	226-D			Late Cretaceous arenaceous foraminifers
24598	Altamont	21527		Altamont Pass	226-D	27/2S/3E (SLP)		Late Cretaceous F-2 Zone
24599	Clifton Court Forebay	21528		SW part quad	226-D		age from map	Late Cretaceous F-2 Zone
24600	Clifton Court Forebay	21532		SW part quad	226-D		age from map	Late Cretaceous F-2 Zone
24601	Clifton Court Forebay	21535		SW part quad	226-D		age from map	Late Cretaceous F-2 Zone
24602	Clifton Court Forebay	21536		SW part quad	226-D		age from map	Late Cretaceous F-2 Zone
24603	Clifton Court Forebay	21537		SW part quad	226-D		age from map	Late Cretaceous F-2 or G-1 Zone
24604	Midway	21539		not on map	226-D	Tesla 15'	Mtn House Ck	Late Cretaceous F-2 Zone
24605	Midway	21540		Mountain House Ck	226-D	Tesla 15'		Late Cretaceous F-2 Zone
24606	Altamont	21542		Altamont Creek	226-D			Late Cretaceous F-2 or E Zone
24607	Altamont	21544		Altamont Creek	226-D			Late Cretaceous F-2 Zone
24608	Altamont	21548		Altamont Creek	226-D			Late Cretaceous F-2 or E Zone
24609	Altamont	21550		Altamont Creek	226-D			Late Cretaceous F-2 Zone
24610	Altamont	21551		Highway 580	226-D			Late Cretaceous F-2 Zone
24611	Altamont	21552		Highway 580	226-D			Late Cretaceous F-2 Zone
24612	Altamont	21553		Highway 580	226-D			Late Cretaceous F-2 Zone
24613	Altamont	21555		Highway 580	226-D			Late Cretaceous F or G Zone
24614	Altamont	21556		Highway 580	226-D			Late Cretaceous F or G Zone
24615	Altamont	21557		Highway 580	226-D			Late Cretaceous F-2 Zone
24616	Altamont	21558		Highway 580	226-D			Late Cretaceous F-2 Zone
24617	Altamont	21561		Highway 580	226-D			Late Cretaceous F or G Zone
24618	Altamont	21562		Highway 580	226-D			Late Cretaceous F-2 Zone
24619	Altamont	21563		Highway 580	226-D			Late Cretaceous F-2 Zone
24620	Altamont	21564		Highway 580	226-D			Late Cretaceous F-2 Zone
24621	Altamont	21565		Highway 580	226-D			Late Cretaceous F-2 Zone
24622	Altamont	21566		Highway 580	226-D			Late Cretaceous F-2 Zone
24623	Altamont	21567		Highway 580	226-D			Late Cretaceous F or G Zone
24624	Altamont	21568		Highway 580	226-D			Late Cretaceous F-2 Zone
24625	Altamont	21569		Highway 580	226-D			Late Cretaceous F-2 Zone
24626	Altamont	21570		Highway 580	226-D			Late Cretaceous F-2 Zone
24627	Midway	21571		Mountain House Ck	226-D	Tesla 15'		Late Cretaceous F-2 Zone
24628	Midway	21572		Mountain House Ck	226-D	Tesla 15'		Late Cretaceous F-2 Zone
24629	Midway	21573		Mountain House Ck	226-E	Tesla 15'		Late Cretaceous F-2 Zone
24630	Midway	21574		Mountain House Ck	226-E	Tesla 15'		Late Cretaceous F-2 Zone
24631	Midway	21574		Mountain House Ck	226-E	Tesla 15'		Late Cretaceous F-2 Zone
24632	Midway	21575		Mountain House Ck	226-E	Tesla 15'		Late Cretaceous F-2 Zone
24633	Midway	21576		Mountain House Ck	226-E	Tesla 15'		Late Cretaceous F-2 Zone
24634	Midway	21577		Cayle area	226-E	25/2S/3E (SLP)		Late Cretaceous F-2 Zone
24635	Altamont	21578		Highway 580	226-E			Late Cretaceous F-2 Zone
24636	Altamont	21579		Highway 580	226-E			Late Cretaceous F-2 Zone
24637	Altamont	21580		Highway 580	226-E			Late Cretaceous F-2 Zone
24638	Altamont	21581		Highway 580	226-E			Late Cretaceous F-2 Zone
24639	Altamont	21582		Highway 580	226-E			Late Cretaceous F-2 Zone
24640	Altamont	21583		Highway 580	226-E			Late Cretaceous F-2 Zone
24641	Altamont	21584		Highway 580	226-E			Late Cretaceous F-2 Zone
24642	Altamont	21585		Highway 580	226-E			Late Cretaceous F-2 Zone
24643	Altamont	21586		NE part quad	226-E			Late Cretaceous arenaceous foraminifers
24644	Midway	21587		Mountain House Ck	226-E	Tesla 15'		Late Cretaceous F-2 Zone
24645	Midway	21588		Mountain House Ck	226-E	Tesla 15'		Late Cretaceous F-2 Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
24646	Midway	21592		Altamont Pass Rd	226-E	Tesla 15'		Late Cretaceous F-2 Zone
24647	Altamont	21593		Highway 580	226-E			Late Cretaceous E Zone
24648	Altamont	21594		Highway 580	226-E			Late Cretaceous E Zone
24649	Tassajara	21596		EC part of quad	226-E			Late Cretaceous H Zone
24650	Tassajara	21599		NE part of quad	226-E		flood rads	Late Cretaceous G Zone
24651	Midway?	21600		Cayle area	226-E	25/2S/3E (SLP)?	flood rads	Late Cretaceous G Zone
24652	Tassajara	21600		NE part of quad	226-E		flood rads	Late Cretaceous G Zone
24653	Mount Vaca	21601		Gates Canyon	228-J	not on map		Late Cretaceous G-1? Zone
24654	Mount Vaca	21602		Gates Canyon	228-J	not on map		Late Cretaceous G-1? Zone
24655	Mount Vaca	21603		Gates Canyon	228-J	not on map		Late Cretaceous G-2? Zone
24656	Fairfield North	21611		NE part of quad	228-J			Late Cretaceous F-2 or G-2 Zone
24657	Fairfield North	21613		NE part of quad	228-J			Late Cretaceous F-2 or G-1 Zone
24658	Fairfield North	21614		NE part of quad	228-J			Late Cretaceous F-2 or G-1 Zone
24659	Fairfield North	21616		NE part of quad	228-K			Late Cretaceous F-2 or G-1 Zone
24660	Fairfield North	21617		SE of Cherry Glen	228-K			Late Cretaceous F-2 or G-1 Zone
24661	Fairfield North	21618	A	SE of Cherry Glen	228-K			Late Cretaceous F-2 or G-1 Zone
24662	Fairfield North	21618	B	SE of Cherry Glen	228-K			Late Cretaceous F-2 or G-1 Zone
24663	Fairfield North	21619		Laurel Creek	228-K			Late Cretaceous F-2 or G-1 Zone
24664	Fairfield North	21620	A	Highway 80	228-K			Late Cretaceous G-2 Zone
24665	Fairfield North	21620	B	Highway 80	228-K			Late Cretaceous G-2 Zone
24666	Fairfield North	21621		Putah South Canal	228-K			Late Cretaceous F-2 or G-1 Zone
24667	Fairfield North	21624		SE of Mankas Cor	228-K			Late Cretaceous G-2 Zone or older
24668	Fairfield North	21625		S of Gregory Rd	228-K			Late Cretaceous G-2 Zone or older
24669	Fairfield North	21628		N of Gregory Road	228-K			Late Cretaceous G-1 Zone
24670	Fairfield North	21629		NW of Mankas Cor	228-K			older than Late Cretaceous G-1 Zone
24671	Fairfield North	21630		Gordon Valley Road	228-K			Early Cretaceous arenaceous foraminifers
24672	Mount George	21631		Gordon Valley Road	228-K			Early Cretaceous arenaceous foraminifers
24673	Fairfield North	21632		Gordon Valley Road	228-K			Early Cretaceous arenaceous foraminifers
24674	Mount George	21633		Suisun Valley	228-K			Early Cretaceous arenaceous foraminifers
24675	Mount George	21633	A	Suisun Valley	228-K			Early Cretaceous arenaceous foraminifers
24676	Mount George	21634		W of Suisun Valley	228-K			Late Jurassic M Zone
24677	Mount George	21635		W of Suisun Valley	228-K			Late Jurassic M Zone
24678	Cordelia	21636		Highway 80	228-K	Carquinez 15'		Cretaceous arenaceous foraminifers
24679	Cordelia	21637		Highway 80	228-K	Carquinez 15'		Cretaceous arenaceous foraminifers
24680	Cordelia	21637	A	Highway 80	228-K	Carquinez 15'		Cretaceous arenaceous foraminifers
24681	Cordelia	21637	B	Highway 80	228-K	Carquinez 15'		Cretaceous arenaceous foraminifers
24682	Cordelia	21637	C	Highway 80	228-K	Carquinez 15'		Cretaceous arenaceous foraminifers
24683	Napa	21638		Redwood Road	228-K	Sonoma 15'		Late Cretaceous H Zone
24684	Napa	21639		Redwood Road	no slide	Sonoma 15'		Late Cretaceous H Zone
24685	Napa	21640		Redwood Road	228-K	Sonoma 15'		probably late Paleocene E Zone
24686	Napa	21641		NE of Redwood Rd	228-K	Sonoma 15'		Late Cretaceous H Zone
24687	Napa	21641	B	NE of Redwood Rd	228-K	Sonoma 15'		Late Cretaceous H Zone
24688	Napa	21643		Browns Vly Road	no slide	Sonoma 15'		early Eocene B Zone
24689	Napa	21645		Buhman Avenue	228-K	Sonoma 15'		Cretaceous arenaceous foraminifers
24690	Napa	21646		Brown Valley	228-K	Sonoma 15'		Cretaceous arenaceous foraminifers
24691	Napa	21647		Redwood Road	228-K	Sonoma 15'		Cretaceous arenaceous foraminifers
24692	Napa	21648		Buhman Avenue	no slide	Sonoma 15'		Cretaceous or Paleocene
24693	Napa	21649		Grant Boundary	228-K	Sonoma 15'		Cretaceous arenaceous foraminifers
24694	Napa	21650		Henry Road	228-K	Sonoma 15'		Cretaceous arenaceous foraminifers
24695	Rutherford	21653		SE corner of quad	no slide			Eocene
24696	Rutherford	21654		NE of Dry Ck Road	228-K			possibly late Paleocene E Zone
24697	Capell Valley	21656		Capell Creek	228-K			older than Late Crtetaceous H Zone
24698	Capell Valley	21657		Capell Creek	228-K			older than Late Crtetaceous H Zone
24699	Capell Valley	21658		Capell Creek	228-K			older than Late Crtetaceous H Zone
24700	Capell Valley	21659		Capell Creek	228-K			Late Cretaceous I or J-1 Zone
24701	Capell Valley	21660		Capell Creek	228-L			Early Cretaceous J-1 Zone
24702	Napa	21676		W of Westwood Scl	103-K	Sonoma 15'		early Eocene B Zone
24703	Napa	21677	A	Redwood Road	103-K	Sonoma 15'		early Eocene B Zone
24704	Loma Prieta	22025		center of quad	no slide			Eocene
24705	Loma Prieta	22026		center of quad	no slide			Eocene
24706	Pigeon Point	22027		Pescadero Point	no slide			Cretaceous arenaceous foraminifers
24707	Pigeon Point	22028		Arroyo Frijoles	no slide			Cretaceous arenaceous foraminifers
24708	Pigeon Point	22029		Bolsa Point	no slide			Cretaceous arenaceous foraminifers
24709	Franklin Point	22030		SW coastal area	no slide			Cretaceous arenaceous foraminifers
24710	Pigeon Point	22030		not on map	no slide			Cretaceous arenaceous foraminifers
24711	Walnut Creek	22031		near #21458	no slide			late Eocene
24712	Walnut Creek	22032		N of Pacheco	223-G			Eocene
24713	Walnut Creek	22032	A	N of Pacheco	223-G			Eocene
24714	Walnut Creek	22032	B	N of Pacheco	223-G			Eocene
24715	Walnut Creek	22035		NW corner quad	no slide			late? Eocene
24716	Walnut Creek	22037		NW corner quad	103-K			Eocene
24717	Walnut Creek	22038		NW corner quad	103-K			Eocene?
24718	Walnut Creek	22041		NW corner quad	103-K			Eocene?
24719	Walnut Creek	22043		NW corner quad	103-K			early Eocene B-4 or C Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
24720	Diablo	22044	A	Diablo Park HQ	103-K			Eocene
24721	Diablo	22044	B	Diablo Park HQ	103-K			Eocene
24722	Diablo	22045	A	Diablo Park HQ	103-K			possibly Eocene B Zone
24723	Diablo	22045	B	Diablo Park HQ	103-K			possibly Eocene B Zone
24724	Diablo	22046		NW of Park HQ	103-K	see slide 21454		early Eocene C Zone
24725	Wilson Valley	22128	1	Crack Canyon	232-L	Morgan Valley 15'		Late Jurassic
24726	Wilson Valley	22128	2	Crack Canyon	232-L	Morgan Valley 15'		Late Jurassic
24727	Wilson Valley	22128	3	Crack Canyon	232-L	Morgan Valley 15'		Late Jurassic
24728	Wilson Valley	22130	9	Crack Canyon	232-L	Morgan Valley 15'		Late Jurassic
24729	Wilson Valley	22130	13	Crack Canyon	232-L	Morgan Valley 15'		Early Cretaceous Valanginian Stage
24730	Wilson Valley	22131	5	Cache Creek	232-L	Morgan Valley 15'		Early Cretaceous arenaceous foraminifers
24731	Wilson Valley	22131	8	Cache Creek	232-L	Morgan Valley 15'		Early Cretaceous arenaceous foraminifers
24732	Wilson Valley	22131	14	Cache Creek	232-L	Morgan Valley 15'		Early Cretaceous Hauterivian Stage
24733	Wilson Valley	22131	21	Cache Creek	232-L	Morgan Valley 15'		Early Cretaceous arenaceous foraminifers
24734	Wilson Valley	22132	1	Davis Canyon	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24735	Wilson Valley	22132	5	Davis Canyon	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24736	Wilson Valley	22132	6	Davis Canyon	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24737	Wilson Valley	22132	7	Davis Canyon	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24738	Wilson Valley	22132	8	Davis Canyon	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24739	Wilson Valley	22132	9	Davis Canyon	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24740	Wilson Valley	22132	10	Davis Canyon	232-M	Morgan Valley 15'		Early Cretaceous arenaceous foraminifers
24741	Wilson Valley	22132	11	Davis Canyon	232-M	Morgan Valley 15'		Early Cretaceous arenaceous foraminifers
24742	Wilson Valley	22132	14	Davis Canyon	232-M	Morgan Valley 15'		Early Cretaceous arenaceous foraminifers
24743	Wilson Valley	22132	17	Davis Canyon	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24744	Wilson Valley	22132	19	Davis Canyon	232-M	Morgan Valley 15'		Early Cretaceous arenaceous foraminifers
24745	Wilson Valley	22133	1	Cache Creek	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24746	Wilson Valley	22133	2	Cache Creek	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24747	Wilson Valley	22133	3	Cache Creek	232-M	Morgan Valley 15'		Early Cretaceous arenaceous foraminifers
24748	Wilson Valley	22133	4	Cache Creek	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24749	Wilson Valley	22133	5	Cache Creek	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24750	Wilson Valley	22133	6	Cache Creek	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24751	Wilson Valley	22133	7	Cache Creek	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24752	Wilson Valley	22133	8	Cache Creek	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24753	Wilson Valley	22133	9	Cache Creek	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24754	Wilson Valley	22133	10	Cache Creek	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24755	Wilson Valley	22133	11	Cache Creek	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24756	Wilson Valley	22133	12	Cache Creek	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24757	Wilson Valley	22133	13	Cache Creek	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24758	Wilson Valley	22133	14	Cache Creek	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24759	Wilson Valley	22133	15	Cache Creek	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24760	Wilson Valley	22133	16	Cache Creek	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24761	Wilson Valley	22133	17	Cache Creek	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24762	Wilson Valley	22133	18	Cache Creek	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24763	Wilson Valley	22133	19	Cache Creek	232-M	Morgan Valley 15'		Early Cretaceous Aptian Stage
24764	Glascock Mountain	22134	14	Cache Creek	232-M	SE of Buck Island		Early Cretaceous Aptian Stage
24765	Glascock Mountain	22134	1	Cache Creek	232-M	SE of Buck Island		Early Cretaceous Aptian Stage
24766	Glascock Mountain	22134	2	Cache Creek	232-M	SE of Buck Island		Early Cretaceous Aptian Stage
24767	Glascock Mountain	22134	3	Cache Creek	232-M	SE of Buck Island		Early Cretaceous Aptian Stage
24768	Glascock Mountain	22134	4	Cache Creek	232-M	SE of Buck Island		Early Cretaceous Aptian Stage
24769	Glascock Mountain	22134	5	Cache Creek	232-M	SE of Buck Island		Early Cretaceous Aptian Stage
24770	Glascock Mountain	22134	6	Cache Creek	232-M	SE of Buck Island		Early Cretaceous Aptian Stage
24771	Glascock Mountain	22134	9	Cache Creek	no slide	SE of Buck Island		Early Cretaceous Aptian Stage
24772	Glascock Mountain	22134	10	Cache Creek	232-M	SE of Buck Island		Early Cretaceous Aptian Stage
24773	Glascock Mountain	22134	11	Cache Creek	232-M	SE of Buck Island		Early Cretaceous Aptian Stage
24774	Glascock Mountain	22134	12	Cache Creek	232-M	SE of Buck Island		Early Cretaceous Aptian Stage
24775	Glascock Mountain	22134	13	Cache Creek	232-M	SE of Buck Island		Early Cretaceous Aptian Stage
24776	Glascock Mountain	22134	9	Cache Creek	232-M	SE of Buck Island		Early Cretaceous Aptian Stage
24777	Glascock Mountain	22135	1	Cache Creek	232-M	SE of Buck Island		Early Cretaceous Aptian Stage
24778	Glascock Mountain	22135	2	Cache Creek	232-M	SE of Buck Island		Early Cretaceous Albian Stage
24779	Glascock Mountain	22135	8	Cache Creek	232-M	SE of Buck Island		Early Cretaceous Albian Stage
24780	Glascock Mountain	22135	14	Cache Creek	232-M	SE of Buck Island		Early Cretaceous Albian Stage
24781	Vine Hill	22137	1	NW corner of quad	210-N			Late Cretaceous F Zone
24782	Vine Hill	22137	2	NW corner of quad	210-N			Late Cretaceous F Zone
24783	Vine Hill	22137	3	NW corner of quad	210-N			Late Cretaceous F Zone
24784	Vine Hill	22137	4	NW corner of quad	210-N			Late Cretaceous F Zone
24785	Vine Hill	22137	5	NW corner of quad	210-N			Late Cretaceous F Zone
24786	Fields Landing	22140		S of Fields Landing	114-B	Fortuna 15'	age from map	Pliocene
24787	Cordelia	22150		NW part of quad	none	Carquinez 15'		late? Eocene
24788	Cordelia	22152		NW part of quad	none	Carquinez 15'		middle? Eocene
24789	Cordelia	22153		not on map	231-H	Carquinez 15'		middle Eocene A-2 Zone
24790	Cordelia	22157		NW part of quad	231-H	Carquinez 15'		Late Cretaceous G? Zone
24791	Cordelia	22158		NW part of quad	231-H	Carquinez 15'		Late Cretaceous G? Zone
24792	Cordelia	22159		NW part of quad	231-H	Carquinez 15'		late? Miocene
24793	Cordelia	22160	A	NW part of quad	231-H	Carquinez 15'		late Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
24794	Cordelia	22160	B	NW part of quad	231-H	Carquinez 15'		late Miocene
24795	Cuttings Wharf	22161		NE part of quad	no slide	not on map		late? Miocene
24796	Cuttings Wharf?	22162		NE part of quad	no slide	not on map		late Paleocene E Zone
24797	Cuttings Wharf	22163		NE part of quad	no slide	not on map		late Paleocene E Zone
24798	Cordelia	22169		Highway 80	231-H	Carquinez 15'		late Eocene
24799	Cordelia	22172		Highway 80	231-H	Carquinez 15'		Eocene
24800	Cordelia	22173		N of Highway 80	231-H	Carquinez 15'		Eocene?
24801	Napa	22179		not on map	231-H	Sonoma 15'		Early Cretaceous J Zone
24802	Napa	22181		not on map	231-H	Sonoma 15'		Early Cretaceous J Zone
24803	Napa	22182		not on map	231-H	Sonoma 15'		late Paleocene E Zone
24804	Napa	22183		not on map	231-H	Sonoma 15'		late Paleocene E Zone
24805	Napa	22184		not on map	231-H	Sonoma 15'		late Paleocene E Zone
24806	Napa	22185		not on map	231-H	Sonoma 15'		late Paleocene E Zone
24807	Napa	22188		not on map	231-H	Sonoma 15'		Eocene
24808	Napa	22190		not on map	231-H	Sonoma 15'		late Paleocene E Zone
24809	Napa	22193		not on map	231-H	Sonoma 15'		Late Cretaceous or Paleocene
24810	Napa	22194		not on map	231-H	Sonoma 15'		Late Cretaceous C or D-1 Zone
24811	Cordelia	22196		WC part of quad	231-H	Carquinez 15'		Late Cretaceous F-2 Zone
24812	Rutherford	22200		not on map	231-H			late Paleocene E Zone
24813	Rutherford	22201		not on map	231-H			late Paleocene E Zone
24814	Cordelia	22204		SW of Cordelia	none	Carquinez 15'		middle Eocene A Zone
24815	Vine Hill	22205		NW part of quad	231-H			Late Cretaceoous F-2 Zone
24816	Vine Hill	22206	A	NW part of quad	231-H			Late Cretaceoous F-2 Zone
24817	Vine Hill	22206	B	NW part of quad	231-H			Late Cretaceoous F-2 Zone
24818	Vine Hill	22207		NW part of quad	231-H			Late Cretaceous F-2 Zone
24819	Byron Hot Springs	22209		13/1S/2E (SLP)	231-H	not on map		Cretaceous
24820	Byron Hot Springs	22210		13/1S/2E (SLP)	231-H	not on map		Cretaceous
24821	Vine Hill	22212		E of Vine Hill	231-H			Late Cretaceous F-2 Zone
24822	Point Arena	22213	4A	Riverside Road	233-E	auger line		Eocene
24823	Point Arena	22213	5A	Riverside Road	233-E	auger line	Eocene NP	Eocene
24824	Point Arena	22213	6A	Riverside Road	233-E	auger line	M Eocene NP	middle Eocene
24825	Point Arena	22213	12A	Riverside Road	233-E	auger line	NP age	early Miocene Relizian Stage
24826	Point Arena	22213	14	Riverside Road	233-E	auger line		early Miocene
24827	Point Arena	22213	15A	Riverside Road	233-E	auger line	Luis/Mohn NP	middle and late Miocene
24828	Point Arena	22213	16A	Riverside Road	233-E	auger line		early Miocene
24829	Point Arena	22213	16ARW	Riverside Road	233-E	auger line	NP ages	early Miocene
24830	Point Arena	22213	16A2	Riverside Road	233-E	auger line	published by	early Miocene
24831	Point Arena	22213	16B	Riverside Road	233-E	auger line	P. L. Miller	early Miocene
24832	Point Arena	22213	17A	Riverside Road	233-E	auger line		early Miocene
24833	Point Arena	22213	17	Riverside Road	233-E	auger line	NP ages differ	early Miocene
24834	Point Arena	22213	18A	Riverside Road	233-E	auger line	from form	early Miocene
24835	Point Arena	22213	17.5A	Riverside Road	233-E	auger line	ages in terms	early or middle Miocene
24836	Point Arena	22213	17.5B	Riverside Road	233-E	auger line	of Miocene	early or middle Miocene
24837	Point Arena	22213	18	Riverside Road	233-E	auger line	standard	early or middle Miocene
24838	Point Arena	22213	18-40	Riverside Road	233-E	auger line		early Miocene
24839	Point Arena	22214	3A	Sea Lion Rocks	233-E	auger line	Luisian NP	middle Miocene Luisian Stage
24840	Point Arena	22214	4A	Sea Lion Rocks	233-E	auger line	Luisian NP	middle Miocene Luisian Stage
24841	Point Arena	22214	5A	Sea Lion Rocks	233-E	auger line		early or middle Miocene
24842	Point Arena	22214	6A	Sea Lion Rocks	233-E	auger line		early Miocene
24843	Point Arena	22214	7A	Sea Lion Rocks	233-E	auger line	Luis/Mohn NP	middle and late Miocene
24844	Point Arena	22214	8A	Sea Lion Rocks	233-E	auger line		early Miocene
24845	Point Arena	22214	9	Sea Lion Rocks	233-E	auger line	poss Sauc NP	early Miocene
24846	Point Arena	22214	11	Sea Lion Rocks	233-E	auger line	poss Zem NP	Oligocene?
24847	Point Arena	22214	14A	Sea Lion Rocks	233-F	auger line		early Miocene
24848	Point Arena	22214	15A	Sea Lion Rocks	233-F	auger line		early Miocene
24849	Point Arena	22215	1A	Manchester	233-F	auger line		Miocene
24850	Point Arena	22215	2	Manchester	233-F	auger line		Oligocene Zemorrian Stage
24851	Point Arena	22216	2A	Arena Cove	233-F	auger line		Miocene
24852	Point Arena	22216	3A	Arena Cove	233-F	auger line		early Miocene
24853	Point Arena	22216	4A	Arena Cove	233-F	auger line		early Miocene
24854	Point Arena	22216	5A	Arena Cove	233-F	auger line		early Miocene
24855	Point Arena	22216	6A	Arena Cove	233-F	auger line		Miocene
24856	Point Arena	22216	6B	Arena Cove	233-F	auger line		early Miocene
24857	Point Arena	22217	3A	Moat Creek	233-F	auger line	L or M Eoc NP	late Eocene
24858	Point Arena	22217	6A	Moat Creek	233-F	auger line	M Eocene NP	middle Eocene A Zone
24859	Point Arena	22217	7	Moat Creek	233-F	auger line		early Miocene
24860	Point Arena	22217	7A	Moat Creek	233-F	auger line	L or M Eoc NP	early Miocene
24861	Point Arena	22217	8A	Moat Creek	233-F	auger line	Zem NP	Oligocene Zemorrian Stage
24862	Point Arena	22217	10A	Moat Creek	233-F	auger line	planktics com	early Miocene
24863	Point Arena	22217	11	Moat Creek	233-F	auger line	prob Sauc NP	early Miocene
24864	Point Arena	22218	2A	Moat Creek	233-F	auger line		early Miocene
24865	Point Arena	22218	3A	Moat Creek	233-F	auger line		early Miocene
24866	Point Arena	22218	5A	Moat Creek	233-F	auger line	planktics abun	early Miocene
24867	Point Arena	22218	7	Moat Creek	233-F	auger line		early Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
24868	Point Arena	22218	10A	Moat Creek	233-F	auger line		early Miocene
24869	Point Arena	22218	11	Moat Creek	233-F	auger line		early Miocene
24870	Point Arena	22219	1	Ross Creek	233-F	auger line	poss Sauc NP	early Miocene
24871	Point Arena	22219	2A	Ross Creek	233-F	auger line		early Miocene
24872	Point Arena	22219	4	Ross Creek	233-F	auger line	Sauc/Reliz NP	early Miocene
24873	Point Arena	22219	5	Ross Creek	233-F	auger line	Sauc/Luis NP	early Miocene
24874	Point Arena	22219	6	Ross Creek	233-F	auger line	Sauc/Reliz NP	early Miocene
24875	Point Arena	22220	1A	Galloway Creek	233-G	auger line	planktics com	early Miocene
24876	Point Arena	22220	3A	Galloway Creek	233-G	auger line		early Miocene
24877	Point Arena	22220	6A	Galloway Creek	233-G	auger line		early Miocene
24878	Point Arena	22220	7A	Galloway Creek	233-G	auger line		early Miocene
24879	Point Arena	22220	8A	Galloway Creek	233-G	auger line		early Miocene
24880	Point Arena	22220	9	Galloway Creek	233-G	auger line		early Miocene
24881	Point Arena	22221	6	Galloway School	233-G	auger line		early Miocene
24882	Saunders Reef	22221	4A	Galloway School	233-G	auger line		early Miocene
24883	Saunders Reef	22222	1	Iverson Road	233-G	auger line		early or middle Eocene NP
24884	Saunders Reef	22222	5	Iverson Road	233-G	auger line		middle Eocene NP
24885	Saunders Reef	22222	15	Iverson Road	233-G	auger line		Oligocene NP
24886	Saunders Reef	22222	16	Iverson Road	233-G	auger line		early Miocene
24887	Saunders Reef	22222	18	Iverson Road	233-G	auger line		Oligocene Zemorrian Stage
24888	Saunders Reef	22222	19	Iverson Road	233-G	auger line		Oligocene NP
24889	Saunders Reef	22222	20	Iverson Road	233-G	auger line		Oligocene NP
24890	Gualala	22223	4	Iverson Road	233-G	age from map	auger line	Eocene
24891	Gualala	22223	5A	Iverson Road	233-G	age from map	auger line	Eocene
24892	Gualala	22223	14	Iverson Road	233-G	age from map	auger line	Eocene
24893	Gualala	22224	12A	Brush Opening Rd	233-G	age from map	auger line	Eocene
24894	Gualala	22224	13A	Brush Opening Rd	233-G	age from map	auger line	Eocene
24895	Gualala	22224	22A	Brush Opening Rd	233-G	age from map	auger line	Eocene
24896	Gualala?	22225	3	not on map	233-G	age from map	auger line	Eocene
24897	Gualala?	22225	7A	not on map	233-G	age from map	auger line	Eocene
24898	Gualala?	22225	8A	not on map	233-G	age from map	auger line	Eocene
24899	Gualala?	22225	9A	not on map	233-G	age from map	auger line	Eocene
24900	Gualala?	22226	7A	not on map	233-G	age from map	auger line	Pleistocene
24901	Inverness	22230	7A	Laguna Ranch	224-G	auger line	planktics	possibly middle Miocene
24902	Inverness	22230	8	Laguna Ranch	224-G	auger line	planktics	possibly middle Miocene
24903	Bolinas	22234	1A	Bolinas Point	224-G	auger line	Merced??	Pliocene or Pleistocene
24904	Bolinas	22234	2A	Bolinas Point	224-G	auger line		Pliocene or Pleistocene
24905	Bolinas	22234	1A	Bolinas Point	116-E	auger line	picked	Pliocene or Pleistocene
24906	Bolinas	22234	1B	Bolinas Point	116-E	auger line	picked	Pliocene or Pleistocene
24907	Bolinas	22234	2A	Bolinas Point	116-E	auger line	picked	Pliocene or Pleistocene
24908	Bolinas	22234	2B	Bolinas Point	116-E	auger line	picked	Pliocene or Pleistocene
24909	Bolinas	22234	3A	Bolinas Point	116-E	auger line		Pliocene or Pleistocene
24910	Bolinas	22234	3B	Bolinas Point	116-E	auger line		Pliocene or Pleistocene
24911	Bolinas	22234	6A	Bolinas Point	116-E	auger line		late Miocene Delmontian Stage
24912	Bolinas	22234	6B	Bolinas Point	116-E	auger line		late Miocene Delmontian Stage
24913	Gualala	22265	4	Steens Landing	233-H	Pt Arena 15'		arenaceous foraminifers
24914	Gualala	22265	5	Steens Landing	233-H	Pt Arena 15'		Eocene pollen and NP
24915	Gualala	22265	6	Steens Landing	233-H	Pt Arena 15'		arenaceous foraminifers
24916	Saunders Reef	22265	5	Sail Rock	233-H	also in Gualala	pollen age	middle or late Eocene
24917	Gualala	22266	1	Steens Landing	233-H	Pt Arena 15'		Cretaceous and Paleocene pollen
24918	Gualala	22266	2	Steens Landing	233-H	Pt Arena 15'		arenaceous foraminifers
24919	Gualala	22266	3	Steens Landing	233-H	Pt Arena 15'		arenaceous foraminifers
24920	Gualala	22266	4	Steens Landing	233-H	Pt Arena 15'		early Eocene NP
24921	Saunders Reef	22266		near Galloway Sch	233-H	also in Gualala	pollen age	Late Cretaceous or Paleocene
24922	Saunders Reef	22270		W of Saunders Hill	233-H		age from map	Oligocene upper? Zemorrian Stage
24923	Gualala	22276	1	WC part of quad	233-H	Pt Arena 15'		arenaceous foraminifers
24924	Gualala	22276	2	WC part of quad	233-H	Pt Arena 15'		arenaceous foraminifers
24925	Gualala	22276	3	WC part of quad	233-H	Pt Arena 15'		arenaceous foraminifers
24926	Gualala	22277	1	Steens Landing	233-H	Pt Arena 15'		arenaceous foraminifers
24927	Gualala	22277	3	Steens Landing	233-H	Pt Arena 15'		arenaceous foraminifers
24928	Gualala	22277	4	Steens Landing	233-H	Pt Arena 15'		arenaceous foraminifers
24929	Saunders Reef	22278	11	Nr Galloway Schl	233-I		age from map	Oligocene Zemorrian or early Miocene Saucesian Stage
24930	Gualala	22283	1	Highway 1	233-I	Pt Arena 15'		arenaceous foraminifers
24931	Gualala	22283	3	Highway 1	233-I	Pt Arena 15'		arenaceous foraminifers
24932	Gualala	22283	4	Highway 1	233-I	Pt Arena 15'		arenaceous foraminifers
24933	Gualala	22283	5	Highway 1	233-I	Pt Arena 15'		arenaceous foraminifers
24934	Gualala	22283	6	Highway 1	233-I	Pt Arena 15'		arenaceous foraminifers
24935	Ciervo Mountain	22317		E of SC Bolsa	260-D			late Paleocene E zone
24936	Ciervo Mountain	22318		E of SC Bolsa	260-D			late Paleocene E zone
24937	Ciervo Mountain	22320		E of SC Bolsa	260-D			late Paleocene E zone
24938	Ciervo Mountain	22323		E of SC Bolsa	260-D			late Paleocene E zone
24939	Ciervo Mountain	22325		E of SC Bolsa	260-D			late Paleocene E zone
24940	Ciervo Mountain	22330		E of SC Bolsa	260-D			early Eocene D zone
24941	Eagle Rest Peak	22340	15	Devils Kitchen	239-A	have strat column	Liveoak Memb	Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
24942	Eagle Rest Peak	22340	18	Devils Kitchen	239-A	have strat column	filed loc 11616	Eocene
24943	Eagle Rest Peak	22340	20	Devils Kitchen	239-A	have strat column		Eocene
24944	Eagle Rest Peak	22340	21	Devils Kitchen	239-A	have strat column		Eocene
24945	Eagle Rest Peak	22340	23	Devils Kitchen	239-A	have strat column		Eocene
24946	Eagle Rest Peak	22340	24	Devils Kitchen	239-A	have strat column		Eocene
24947	Eagle Rest Peak	22340	27	Devils Kitchen	239-A	have strat column		Eocene
24948	Eagle Rest Peak	22340	29	Devils Kitchen	239-A	have strat column		Eocene
24949	Eagle Rest Peak	22340	30	Devils Kitchen	239-A	have strat column		Eocene
24950	Eagle Rest Peak	22340	33	Devils Kitchen	no slide	have strat column	has NP	early Eocene
24951	Eagle Rest Peak	22340	38	Devils Kitchen	239-A	have strat column		Eocene
24952	Eagle Rest Peak	22340	39	Devils Kitchen	239-A	have strat column		Eocene
24953	Eagle Rest Peak	22340	40	Devils Kitchen	239-A	have strat column		Eocene
24954	Eagle Rest Peak	22340	76	Devils Kitchen	239-A	have strat column		Oligocene Zemorrian Stage
24955	Eagle Rest Peak	22340	78	Devils Kitchen	239-A	have strat column		Oligocene Zemorrian Stage
24956	Eagle Rest Peak	22340	80	Devils Kitchen	239-A	have strat column		Oligocene Zemorrian Stage
24957	Eagle Rest Peak	22341	1-5	EC part of quad	no slide	have strat column	filed loc 11616	Oligocene Zemorrian Stage
24958	Pleito Hills	22342	2	Pleito Creek	239-A	have strat column		middle Eocene
24959	Pleito Hills	22342	8	Pleito Creek	239-A	have strat column		middle Eocene
24960	Pleito Hills	22342	22	Pleito Creek	239-A	have strat column		middle Eocene
24961	Pleito Hills	22342	23	Pleito Creek	239-A	have strat column		middle Eocene
24962	Pleito Hills	22342	25	Pleito Creek	239-A	have strat column		middle Eocene
24963	Pleito Hills	22342	27	Pleito Creek	239-A	have strat column		middle Eocene
24964	Pleito Hills	22342	28	Pleito Creek	239-A	have strat column		middle Eocene
24965	Pleito Hills	22342	30	Pleito Creek	239-A	have strat column		middle Eocene
24966	Pleito Hills	22342	31	Pleito Creek	239-A	have strat column		early Eocene
24967	Pleito Hills	22342	32	Pleito Creek	239-A	have strat column		early Eocene
24968	Pleito Hills	22342	33	Pleito Creek	239-A	have strat column		early Eocene
24969	Pleito Hills	22342	34	Pleito Creek	239-A	have strat column		early Eocene
24970	Pleito Hills	22342	42	Pleito Creek	239-A	have strat column		early Eocene
24971	Pleito Hills	22342	43	Pleito Creek	239-A	have strat column		early Eocene
24972	Maricopa	22343	2	SW of Hazelton	239-A	geologic map		middle Miocene
24973	Maricopa	22343	4	SW of Hazelton	239-A	geologic map		middle Miocene
24974	Maricopa	22343	7	SW of Hazelton	239-A	geologic map		middle Miocene
24975	Maricopa	22343	8	SW of Hazelton	239-A	geologic map		middle Miocene
24976	Maricopa	22343	9	SW of Hazelton	239-A	geologic map		middle Miocene
24977	Maricopa	22343	10	SW of Hazelton	239-A	geologic map		middle Miocene
24978	Maricopa	22343	11A	SW of Hazelton	239-A	geologic map		middle Miocene
24979	Maricopa	22343	16	SW of Hazelton	239-A	geologic map		middle Miocene
24980	Maricopa	22343	21	SW of Hazelton	239-A	geologic map		middle Miocene
24981	Maricopa	22343	48	SW of Hazelton	239-B	geologic map		middle Miocene
24982	Maricopa	22343	50	SW of Hazelton	239-B	geologic map		middle Miocene
24983	Maricopa	22343	55	SW of Hazelton	239-B	geologic map		middle Miocene
24984	Maricopa	22343	56	SW of Hazelton	239-B	geologic map		middle Miocene
24985	Maricopa	22343	57	SW of Hazelton	239-B	geologic map		middle Miocene
24986	Maricopa	22343	61	SW of Hazelton	239-B	geologic map		middle Miocene
24987	Maricopa	22343	63	SW of Hazelton	239-B	geologic map		middle Miocene
24988	Maricopa	22343	82	SW of Hazelton	239-B	geologic map		middle Miocene
24989	Maricopa	22343	88	SW of Hazelton	239-B	geologic map		middle Miocene
24990	Ballinger Canyon	22350	1	NC part of quad	235-B	slide says Grocer		late Miocene
24991	Ballinger Canyon	22350	2	NC part of quad	235-B	Grade. Age from		late Miocene
24992	Ballinger Canyon	22350	3	NC part of quad	235-B	geologic map		late Miocene
24993	Ballinger Canyon	22350	4	NC part of quad	235-B			late Miocene
24994	Ballinger Canyon	22350	7	NC part of quad	235-B			late Miocene
24995	Ballinger Canyon	22350	9	NC part of quad	235-B			late Miocene
24996	Ballinger Canyon	22350	10	NC part of quad	235-B			late Miocene
24997	Ballinger Canyon	22350	11	NC part of quad	235-B			late Miocene
24998	Ballinger Canyon	22350	12	NC part of quad	235-B			late Miocene
24999	Ballinger Canyon	22350	16	NC part of quad	235-B			late Miocene
25000	Ballinger Canyon	22350	17	NC part of quad	235-B			late Miocene
25001	Ballinger Canyon	22350	18	NC part of quad	235-B			late Miocene
25002	Ballinger Canyon	22350	19	NC part of quad	235-B			late Miocene
25003	Ballinger Canyon	22350	20	NC part of quad	235-B			late Miocene
25004	Ballinger Canyon	22350	21	NC part of quad	235-B			late Miocene
25005	Ballinger Canyon	22350	22	NC part of quad	235-B			late Miocene
25006	Ballinger Canyon	22350	23	NC part of quad	235-B			late Miocene
25007	Ballinger Canyon	22350	24	NC part of quad	235-B			late Miocene
25008	Ballinger Canyon	22350	25	NC part of quad	235-B			late Miocene
25009	Ballinger Canyon	22350	27	NC part of quad	235-B			late Miocene
25010	Maricopa	22351	1	SW part of quad	26-I	geologic map and	petrology	middle and late Miocene ?upper Mohnian Stage
25011	Maricopa	22351	5	SW part of quad	26-I			middle and late Miocene ?upper Mohnian Stage
25012	Maricopa	22351	6	SW part of quad	26-I			middle and late Miocene ?upper Mohnian Stage
25013	Maricopa	22351	15	SW part of quad	26-I			middle and late Miocene ?upper Mohnian Stage
25014	Elkhorn Hills	22352	1B	S of Traver Ranch	26-I	geologic map		middle and late Miocene
25015	Elkhorn Hills	22352	2	S of Traver Ranch	26-I	geologic map		middle and late Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
25016	Elkhorn Hills	22352	3	S of Traver Ranch	26-I	geologic map		middle and late Miocene
25017	Elkhorn Hills	22352	14	S of Traver Ranch	26-I	geologic map		middle and late Miocene
25018	Elkhorn Hills	22352	15	S of Traver Ranch	26-I	geologic map		middle and late Miocene
25019	Elkhorn Hills	22352	16A	S of Traver Ranch	26-I	geologic map		middle and late Miocene
25020	Elkhorn Hills	22352	17	S of Traver Ranch	26-I			early Miocene Saucesian Stage
25021	Elkhorn Hills	22352	19	S of Traver Ranch	26-I			early or middle Miocene
25022	Chimineas Ranch	22354		Soda Lake	no slide	geologic map		early Miocene
25023	Wheeler Springs	22355	2	NW corner of quad	144-J	geologic map age		Oligocene
25024	Wheeler Springs	22355	3	NW corner of quad	144-J	geologic map age		Oligocene
25025	Wheeler Springs	22355	4	NW corner of quad	144-J	geologic map age		Oligocene
25026	Wheeler Springs	22355	5A	NW corner of quad	144-J	geologic map age		Oligocene
25027	Wheeler Springs	22355	5B	NW corner of quad	144-J	geologic map age		Oligocene
25028	Wheeler Springs	22355	8	NW corner of quad	144-J	geologic map age		Oligocene
25029	Wheeler Springs	22355	2RW	NW corner of quad	144-J	geologic map age		Oligocene
25030	Wheeler Springs	22355	3RW	NW corner of quad	144-J	geologic map age		Oligocene
25031	Apache Canyon	22356	8 and 9	NC part of quad	no slide	geologic map age		early Miocene
25032	Ballinger Canyon	22356		EC part of quad	no slide	geologic map age		late Miocene
25033	Santiago Creek	22356		SW part of quad	no slide	geologic map age		late Miocene
25034	Pleito Hills	22357	1	Upper Pleito Ck	239-B	have strat column		early Eocene B-4 or C Zone
25035	Pleito Hills	22357	2	Upper Pleito Ck	239-B	see #22342		early Eocene B-4 or C Zone
25036	Pleito Hills	22357	3	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25037	Pleito Hills	22357	4	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25038	Pleito Hills	22357	5	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25039	Pleito Hills	22357	6	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25040	Pleito Hills	22357	7	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25041	Pleito Hills	22357	8	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25042	Pleito Hills	22357	9	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25043	Pleito Hills	22357	10	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25044	Pleito Hills	22357	11	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25045	Pleito Hills	22357	12	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25046	Pleito Hills	22357	13	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25047	Pleito Hills	22357	14	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25048	Pleito Hills	22357	15	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25049	Pleito Hills	22357	16	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25050	Pleito Hills	22357	17	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25051	Pleito Hills	22357	18	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25052	Pleito Hills	22357	19	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25053	Pleito Hills	22357	20	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25054	Pleito Hills	22357	21	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25055	Pleito Hills	22357	22	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25056	Pleito Hills	22357	23	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25057	Pleito Hills	22357	24	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25058	Pleito Hills	22357	25	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25059	Pleito Hills	22357	26	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25060	Pleito Hills	22357	27	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25061	Pleito Hills	22357	28	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25062	Pleito Hills	22357	29	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25063	Pleito Hills	22357	30	Upper Pleito Ck	239-B	strat column		early Eocene B-4 or C Zone
25064	Garberville	22366	1	SW of airport	239-L	Garberville 15'		possibly Pliocene
25065	Garberville	22366	2	SW of airport	239-L	Garberville 15'		Cretaceous? arenaceous foraminifers
25066	Garberville	22366	3	SW of airport	239-L	Garberville 15'		middle Miocene Luisian Stage
25067	Garberville	22366	3RW	SW of airport	239-L	Garberville 15'		middle Miocene Luisian Stage
25068	Garberville	22366	4B	SW of airport	239-L	Garberville 15'		middle Miocene Luisian Stage
25069	Garberville	22366	4BRW	SW of airport	239-L	Garberville 15'		middle Miocene Luisian Stage
25070	Garberville	22366	5	SW of airport	239-L	Garberville 15'		middle Miocene Luisian Stage
25071	Garberville	22366	5RW	SW of airport	239-L	Garberville 15'		middle Miocene Luisian Stage
25072	Garberville	22366	6	SW of airport	239-L	Garberville 15'		middle Miocene Luisian Stage
25073	Garberville	22366	6RW	SW of airport	239-L	Garberville 15'		middle Miocene Luisian Stage
25074	Garberville	22366	7	SW of airport	239-M	Garberville 15'		reworked Miocene foraminifers
25075	Garberville	22366	8	SW of airport	239-M	Garberville 15'		Cretaceous? arenaceous foraminifers
25076	Garberville	22366	10	SW of airport	239-M	Garberville 15'		Cretaceous? arenaceous foraminifers
25077	Briceland	22369	10A	NE part of quad	239-M	Garberville 15'		middle Miocene Luisian Stage
25078	Briceland	22369	10ARW	NE part of quad	239-M	Garberville 15'		middle Miocene Luisian Stage
25079	Briceland	22369	10B	NE part of quad	239-M	Garberville 15'		early Miocene Relizian Stage
25080	Briceland	22369	10BRW	NE part of quad	239-M	Garberville 15'		early Miocene Relizian Stage
25081	Briceland	22369	11	NE part of quad	239-M	Garberville 15'		early Miocene Relizian Stage
25082	Briceland	22369	11RW	NE part of quad	239-M	Garberville 15'		early Miocene Relizian Stage
25083	Briceland	22369	13	NE part of quad	239-M	Garberville 15'	reworked Miocer	Cretaceous arenaceous foraminifers
25084	Briceland	22369	13RW	NE part of quad	239-M	Garberville 15'		Cretaceous arenaceous foraminifers
25085	Briceland	22369	14	NE part of quad	239-M	Garberville 15'		probably middle Miocene
25086	Briceland	22369	19	NE part of quad	239-M	Garberville 15'	reworked Miocer	Cretaceous or Paleocene
25087	Briceland	22369	19RW	NE part of quad	239-M	Garberville 15'	reworked Miocer	Cretaceous or Paleocene
25088	Garberville	22369	17A	NW part of quad	239-M	Garberville 15'		early Miocene Relizian Stage
25089	Garberville	22369	17ARW 1	NW part of quad	239-M	Garberville 15'		early Miocene Relizian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
25090	Garberville	22369	17C	NW part of quad	239-M	Garberville 15'		Late Cretaceous or Paleocene
25091	Garberville	22369	17D	NW part of quad	223-M	Garberville 15'		middle Miocene
25092	Petrolia	22370	3	Mattole Point	239-F	Cp Mendocino 15'	abun planktics	probably Miocene
25093	Petrolia	22370	6	Mattole Point	239-F	Cp Mendocino 15'		possibly late Miocene
25094	Petrolia	22370	12	Mattole Point	239-G	Cp Mendocino 15'		probably late Miocene
25095	Petrolia	22370	13	Mattole Point	239-G	Cp Mendocino 15'		probably late Miocene
25096	Petrolia	22370	14	Mattole Point	239-G	Cp Mendocino 15'		probably late Miocene
25097	Petrolia	22370	18	Mattole Point	239-G	Cp Mendocino 15'		probably late Miocene
25098	Petrolia	22370	19	Mattole Point	239-G	Cp Mendocino 15'		probably late Miocene
25099	Petrolia	22370	20	Mattole Point	239-G	Cp Mendocino 15'	com planktics	probably late Miocene
25100	Petrolia	22370	22	Mattole Point	239-G	Cp Mendocino 15'	com planktics	probably late Miocene
25101	Petrolia	22371	1	Domingo Creek	239-N	Cp Mendocino 15'		Miocene or Pliocene
25102	Petrolia	22371	2	Domingo Creek	239-N	Cp Mendocino 15'	com planktics	Miocene or Pliocene
25103	Petrolia	22371	3	Domingo Creek	239-N	Cp Mendocino 15'	com planktics	Miocene or Pliocene
25104	Petrolia	22371	4	Domingo Creek	239-N	Cp Mendocino 15'		Miocene or Pliocene
25105	Petrolia	22371	5	Domingo Creek	239-N	Cp Mendocino 15'		Miocene or Pliocene
25106	Petrolia	22371	6	Domingo Creek	239-N	Cp Mendocino 15'		Miocene or Pliocene
25107	Petrolia	22371	7	Domingo Creek	239-N	Cp Mendocino 15'	com planktics	Miocene or Pliocene
25108	Petrolia	22371	8	Domingo Creek	239-N	Cp Mendocino 15'		Miocene or Pliocene
25109	Petrolia	22371	9	Domingo Creek	239-N	Cp Mendocino 15'	com planktics	late Miocene Delmontian Stage
25110	Petrolia	22371	11	Domingo Creek	239-N	Cp Mendocino 15'		probably late Miocene
25111	Petrolia	22371	12	Domingo Creek	239-N	Cp Mendocino 15'		probably late Miocene
25112	Petrolia	22371	14	Domingo Creek	239-N	Cp Mendocino 15'		probably late Miocene
25113	Petrolia	22371	15	Domingo Creek	239-N	Cp Mendocino 15'		probably late Miocene
25114	Petrolia	22371	18	Domingo Creek	239-N	Cp Mendocino 15'		possibly late Miocene
25115	Petrolia	22371	19	Domingo Creek	239-N	Cp Mendocino 15'		late Miocene Delmontian Stage
25116	Petrolia	22371	20	Domingo Creek	239-N	Cp Mendocino 15'		Miocene or Pliocene
25117	Petrolia	22371	21	Domingo Creek	239-N	Cp Mendocino 15'		Miocene or Pliocene
25118	Petrolia	22371	22	Domingo Creek	239-N	Cp Mendocino 15'		Miocene or Pliocene
25119	Petrolia	22371	23	Domingo Creek	239-N	Cp Mendocino 15'		Miocene or Pliocene
25120	Petrolia	22371	24	Domingo Creek	239-N	Cp Mendocino 15'		Miocene or Pliocene
25121	Petrolia	22371	25	Domingo Creek	239-N	Cp Mendocino 15'		Miocene or Pliocene
25122	Petrolia	22371	26	Domingo Creek	239-N	Cp Mendocino 15'	com planktics	Pliocene
25123	Petrolia	22371	27	Domingo Creek	239-N	Cp Mendocino 15'	com planktics	PseudoSaucesian facies
25124	Cape Mendocino	22372	1	W of Capetown	239-G	Cp Mendocino 15'	diatom age	late Miocene Denticulopsis hustedtii Zone
25125	Cape Mendocino	22372	2	W of Capetown	239-G	Cp Mendocino 15'	diatom age	late Miocene Denticulopsis hustedtii Zone
25126	Cape Mendocino	22372	3	W of Capetown	239-G	Cp Mendocino 15'		middle Miocene
25127	Cape Mendocino	22372	4	W of Capetown	239-G	Cp Mendocino 15'		middle Miocene
25128	Cape Mendocino	22372	5	W of Capetown	239-G	Cp Mendocino 15'		middle Miocene
25129	Cape Mendocino	22372	6	W of Capetown	239-G	Cp Mendocino 15'		early or middle Miocene
25130	Cape Mendocino	22372	7	W of Capetown	239-G	Cp Mendocino 15'		possibly late Miocene Delmontian Stage
25131	Cape Mendocino	22372	9	W of Capetown	239-G	Cp Mendocino 15'		possibly late Miocene Delmontian Stage
25132	Cape Mendocino	22372	10	W of Capetown	239-G	Cp Mendocino 15'		possibly late Miocene Delmontian Stage
25133	Cape Mendocino	22372	11	W of Capetown	239-G	Cp Mendocino 15'		possibly late Miocene Delmontian Stage
25134	Cape Mendocino	22372	12	W of Capetown	239-G	Cp Mendocino 15'		possibly late Miocene Delmontian Stage
25135	Cape Mendocino	22372	13	W of Capetown	239-G	Cp Mendocino 15'	diatom age	late Miocene Nitzschia reinholdii Zone
25136	Cape Mendocino	22372	14	W of Capetown	239-G	Cp Mendocino 15'	diatom age	late Miocene Nitzschia reinholdii Zone
25137	Cape Mendocino	22372	15	W of Capetown	239-G	Cp Mendocino 15'	diatom age	late Miocene Nitzschia reinholdii Zone
25138	Ferndale	22373	4	SE corner of quad	239-M	Ferndale 15'		Miocene or Pliocene
25139	Ferndale	22373	9	SE corner of quad	239-M	Ferndale 15'	good fauna	Pliocene
25140	Ferndale	22373	10	SE corner of quad	239-M	Ferndale 15'		Pliocene
25141	Ferndale	22373	11	SE corner of quad	239-M	Ferndale 15'		Pliocene
25142	Ferndale	22373	12	SE corner of quad	239-M	Ferndale 15'	Mio or Pliocene	Pliocene
25143	Ferndale	22373	14	SE corner of quad	239-M	Ferndale 15'	Repetto in Los	Miocene or Pliocene
25144	Ferndale	22373	15	SE corner of quad	239-M	Ferndale 15'	Angeles terms	Miocene or Pliocene
25145	Ferndale	22373	19	SE corner of quad	239-M	Ferndale 15'		Miocene or Pliocene
25146	Ferndale	22373	20	SE corner of quad	239-N	Ferndale 15'		Miocene or Pliocene
25147	Ferndale	22373	21	SE corner of quad	239-N	Ferndale 15'		Miocene or Pliocene
25148	Ferndale	22373	22	SE corner of quad	239-N	Ferndale 15'		Miocene or Pliocene
25149	Ferndale	22373	24	SE corner of quad	239-N	Ferndale 15'		Miocene or Pliocene
25150	Ferndale	22373	25	SE corner of quad	239-N	Ferndale 15'		Miocene or Pliocene
25151	Ferndale	22373	42	SE corner of quad	239-N	Ferndale 15'		Miocene or Pliocene
25152	Fortuna	22374	2	Price Creek	240-A	Fortuna 15'		Miocene or Pliocene
25153	Fortuna	22374	4	Price Creek	240-A	Fortuna 15'		Miocene or Pliocene
25154	Fortuna	22374	5	Price Creek	240-A	Fortuna 15'		late Miocene Delmontian Stage
25155	Fortuna	22374	6	Price Creek	240-A	Fortuna 15'		late Miocene Delmontian Stage
25156	Fortuna	22374	7	Price Creek	240-A	Fortuna 15'	planktics abun	middle and late Miocene Mohnian Stage
25157	Fortuna	22374	9	Price Creek	240-A	Fortuna 15'		late Miocene Delmontian Stage
25158	Fortuna	22374	10	Price Creek	240-A	Fortuna 15'		late Miocene Delmontian Stage
25159	Fortuna	22374	11	Price Creek	240-A	Fortuna 15'		late Miocene Delmontian Stage
25160	Fortuna	22374	12	Price Creek	240-A	Fortuna 15'		late Miocene Delmontian Stage
25161	Fortuna	22374	13	Price Creek	240-A	Fortuna 15'		late Miocene Delmontian Stage
25162	Fortuna	22374	14	Price Creek	240-A	Fortuna 15'		late Miocene Delmontian Stage
25163	Fortuna	22374	15	Price Creek	240-A	Fortuna 15'		late Miocene Delmontian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
25164	Fortuna	22374	16	Price Creek	240-A	Fortuna 15'		late Miocene Delmontian Stage
25165	Fortuna	22374	17	Price Creek	240-A	Fortuna 15'		late Miocene Delmontian Stage
25166	Fortuna	22374	18	Price Creek	240-A	Fortuna 15'		Miocene or Pliocene
25167	Fortuna	22374	19	Price Creek	240-A	Fortuna 15'		Miocene or Pliocene
25168	Fortuna	22374	20	Price Creek	240-A	Fortuna 15'		Miocene or Pliocene
25169	Fortuna	22374	22	Price Creek	240-A	Fortuna 15'		Miocene or Pliocene
25170	Fortuna	22374	23	Price Creek	240-A	Fortuna 15'		Pliocene
25171	Fortuna	22374	24	Price Creek	240-A	Fortuna 15'		Pliocene
25172	Taylor Peak	22375	2	Howe Creek	239-N	Scotia 15'		late Miocene Delmontian Stage
25173	Taylor Peak	22375	3	Howe Creek	239-N	Scotia 15'		late Miocene Delmontian Stage
25174	Taylor Peak	22375	4	Howe Creek	239-N	Scotia 15'		Miocene or Pliocene
25175	Taylor Peak	22375	5	Howe Creek	239-N	Scotia 15'		Miocene or Pliocene
25176	Taylor Peak	22375	7	Howe Creek	239-N	Scotia 15'		Miocene or Pliocene
25177	Taylor Peak	22375	8	Howe Creek	239-N	Scotia 15'	foram flood	Pliocene
25178	Cape Mendocino	22376	1	North Bear River	240-A	Cp Mendocino 15'	nice faunas	Miocene PseudoSaucesian "Stage"
25179	Cape Mendocino	22376	2	North Bear River	240-A	Cp Mendocino 15'	Have check	Miocene PseudoSaucesian "Stage"
25180	Cape Mendocino	22376	3	North Bear River	240-A	Cp Mendocino 15'	list with ages	Miocene PseudoSaucesian "Stage"
25181	Cape Mendocino	22376	4	North Bear River	240-A	Cp Mendocino 15'	and paleo	Miocene PseudoSaucesian "Stage"
25182	Cape Mendocino	22376	5	North Bear River	240-A	Cp Mendocino 15'	report.	Miocene PseudoSaucesian "Stage"
25183	Cape Mendocino	22376	6	North Bear River	240-A	Cp Mendocino 15'		Miocene PseudoSaucesian "Stage"
25184	Cape Mendocino	22376	7	North Bear River	240-A	Cp Mendocino 15'		Miocene PseudoSaucesian "Stage"
25185	Cape Mendocino	22376	8	North Bear River	240-A	Cp Mendocino 15'		Miocene PseudoSaucesian "Stage"
25186	Cape Mendocino	22376	14	North Bear River	240-A	Cp Mendocino 15'		late Miocene
25187	Cape Mendocino	22376	16	North Bear River	240-A	Cp Mendocino 15'		late Miocene
25188	Cape Mendocino	22376	17	North Bear River	240-A	Cp Mendocino 15'		late Miocene
25189	Cape Mendocino	22376	18	North Bear River	240-A	Cp Mendocino 15'		late Miocene
25190	Cape Mendocino	22376	19	North Bear River	240-A	Cp Mendocino 15'		late Miocene
25191	Cape Mendocino	22376	20	North Bear River	240-A	Cp Mendocino 15'		Miocene or Pliocene
25192	Cape Mendocino	22376	21	North Bear River	240-A	Cp Mendocino 15'		Miocene or Pliocene
25193	Cape Mendocino	22376	23	North Bear River	240-A	Cp Mendocino 15'		Miocene or Pliocene
25194	Cape Mendocino	22376	24	North Bear River	240-A	Cp Mendocino 15'		Miocene or Pliocene
25195	Cape Mendocino	22376	26	North Bear River	240-A	Cp Mendocino 15'		Miocene or Pliocene
25196	Cape Mendocino	22376	27	North Bear River	240-A	Cp Mendocino 15'		late Miocene Delmontian Stage
25197	Cape Mendocino	22376	28	North Bear River	240-A	Cp Mendocino 15'		late Miocene Delmontian Stage
25198	Cape Mendocino	22376	29	North Bear River	240-A	Cp Mendocino 15'		late Miocene Delmontian Stage
25199	Cape Mendocino	22376	30	North Bear River	240-A	Cp Mendocino 15'		late Miocene Delmontian Stage
25200	Cape Mendocino	22376	31	North Bear River	240-A	Cp Mendocino 15'		late Miocene Delmontian Stage
25201	Cape Mendocino	22376	32	North Bear River	240-A	Cp Mendocino 15'		late Miocene Delmontian Stage
25202	Cape Mendocino	22376	33	North Bear River	240-A	Cp Mendocino 15'		late Miocene Delmontian Stage
25203	Cape Mendocino	22376	34	North Bear River	240-B	Cp Mendocino 15'		late Miocene Delmontian Stage
25204	Cape Mendocino	22376	1	North Bear River	94-N	Cp Mendocino 15'	planktics	Miocene PseudoSaucesian "Stage"
25205	Cape Mendocino	22376	2	North Bear River	94-N	Cp Mendocino 15'	planktics	Miocene PseudoSaucesian "Stage"
25206	Cape Mendocino	22376	3	North Bear River	94-N	Cp Mendocino 15'	planktics	Miocene PseudoSaucesian "Stage"
25207	Cape Mendocino	22376	14	North Bear River	94-N	Cp Mendocino 15'	planktics	late Miocene
25208	Cape Mendocino	22376	31	North Bear River	94-N	Cp Mendocino 15'	planktics	late Miocene Delmontian Stage
25209	Cape Mendocino	22376	32	North Bear River	94-N	Cp Mendocino 15'	planktics	late Miocene Delmontian Stage
25210	Cape Mendocino	22377	1	Upper Bear River	239-N	Cp Mendocino 15'	15/1N/2W	Miocene PseudoSaucesian "Stage"
25211	Cape Mendocino	22377	2	Upper Bear River	239-N	Cp Mendocino 15'	15/1N/2W	late Miocene Delmontian Stage
25212	Fields Landing	22378	5	Thompkins Hill	240-B	Fortuna 15'	abun planktics	late Miocene Delmontian Stage
25213	Fields Landing	22378	8	Thompkins Hill	240-B	Fortuna 15'		Pliocene
25214	Fields Landing	22378	9	Thompkins Hill	240-B	Fortuna 15'		Pliocene
25215	Fields Landing	22378	10	Thompkins Hill	240-B	Fortuna 15'		Pliocene
25216	Fields Landing	22378	13	Thompkins Hill	240-B	Fortuna 15'		Pliocene
25217	Fields Landing	22378	15	Thompkins Hill	240-B	Fortuna 15'		Pliocene
25218	Fields Landing	22378	19	Thompkins Hill	240-B	Fortuna 15'		Miocene or Pliocene
25219	Fields Landing	22378	20	Thompkins Hill	240-B	Fortuna 15'		Miocene or Pliocene
25220	Fields Landing	22378	21	Thompkins Hill	240-B	Fortuna 15'		Miocene or Pliocene
25221	Fields Landing	22378	22	Thompkins Hill	240-B	Fortuna 15'		Miocene or Pliocene
25222	Fields Landing	22378	24	Thompkins Hill	240-B	Fortuna 15'		Miocene or Pliocene
25223	Fields Landing	22378	28	Thompkins Hill	240-B	Fortuna 15'		Late Cretaceous or Paleocene
25224	Fields Landing	22378	29	Thompkins Hill	240-B	Fortuna 15'		Late Cretaceous or Paleocene
25225	Fortuna	22378	11	NE corner of quad	240-B	Fortuna 15'		Pliocene
25226	Fortuna	22378	12	NE corner of quad	240-B	Fortuna 15'		Pliocene
25227	Redcrest	22379	5	Van Duzen River	240-B	Weott 15'		Pliocene
25228	Redcrest	22380	5	Shively Creek	240-B	Weott 15'		Miocene or Pliocene
25229	Redcrest	22380	6	Shively Creek	240-B	Weott 15'		Pliocene
25230	Scotia	22380	9	Elinor	240-B	Scotia 15'		Miocene or Pliocene
25231	Myers Flat	22381	11	NE corner of quad	242-F	Weott 15'		Paleocene or Eocene
25232	Redcrest	22381	3	Holmes area	no slide	Weott 15'		Late Cretaceous or Paleocene
25233	Redcrest	22381	4	Holmes area	no slide	Weott 15'		Late Cretaceous or Paleocene
25234	Redcrest	22381	5	Holmes area	no slide	Weott 15'		Late Cretaceous or Paleocene
25235	Weott	22381	4	NE corner of quad	242-F	Weott 15'		Late Cretaceous or Paleocene
25236	Weott	22381	5	NE corner of quad	242-F	Weott 15'		Late Cretaceous or Paleocene
25237	Weott	22381	10	NE corner of quad	242-F	Weott 15'	abun diatoms	Miocene or Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
25238	Fields Landing	22383	2	N Fork Elk River	240-C	Fortuna 15'		Miocene or Pliocene
25239	Fields Landing	22383	4	N Fork Elk River	240-C	Fortuna 15'		Miocene or Pliocene
25240	McWhinney Creek	22383	3	N Fork Elk River	240-C	Fortuna 15'		Pliocene
25241	Arcata South	22384	7	At Freshwater	240-C	Eureka 15'		Pliocene
25242	Arcata South	22384	9	At Freshwater	240-C	Eureka 15'	Has reworked	Pliocene
25243	Cannibal Island	22385	1	Table Bluff Light	240-C	Ferndale 15'		Pliocene
25244	Cannibal Island	22385	2	Table Bluff Light	240-C	Ferndale 15'		Pliocene
25245	Cannibal Island	22385	3	Table Bluff Light	240-C	Ferndale 15'		Pliocene
25246	Crescent City	22386	1	Pebble Beach	240-C	Crescent City 15'		Pliocene or Pleistocene
25247	Crescent City	22386	2	Pebble Beach	240-C	Crescent City 15'		Pliocene or Pleistocene
25248	Crannell	22388		Clam Beach	no slide	no map provided		Pliocene or Pleistocene
25249	Point Arena	22389	3	W of Pt Arena	235-N		NP age	middle or late Miocene Luisian or Mohnian Stage
25250	Pleito Hills	22394		Salt Creek	no slide		age from map	early Eocene
25251	Pleito Hills	22395	2	Salt Creek	199-N	have strat column	age from map	early Eocene B-4 or C Zone
25252	Pleito Hills	22395	2RW	Salt Creek	199-N	see also # 22340,	22786	early Eocene B-4 or C Zone
25253	Pleito Hills	22395	7	Salt Creek	199-N			Eocene
25254	Idria	22401	16	Larious Canyon	244-I	New Idria 15'	has NP	late Paleocene NP9 nannoplankton
25255	Idria	22401	19	Larious Canyon	244-J	New Idria 15'	has NP	early Eocene NP
25256	Hernandez Reservoir	22404		EC part of quad	244-J	Hernandez Vly 15'		Eocene
25257	Santiago Creek	22519		EC part of quad	no slide	geologic map age		Eocene
25258	Santiago Creek	22545		EC part of quad	no slide	geologic map age		Eocene
25259	Santiago Creek	22547		EC part of quad	no slide	geologic map age		Eocene
25260	Santiago Creek	22549		EC part of quad	no slide	geologic map age		Eocene
25261	Scotia	22595	8	SW of Rio Dell	240-C	Scotia 15'		Pliocene
25262	Scotia	22595	9	SW of Rio Dell	240-C	Scotia 15'		middle and late Miocene Mohnian or Delmontian Stage
25263	Taylor Peak	22595	1	NE part of quad	240-C	Scotia 15'		Pliocene
25264	Taylor Peak	22595	3	NE part of quad	240-C	Scotia 15'		early Miocene Saucesian or Relizian Stage
25265	Taylor Peak	22595	3A	NE part of quad	240-C	Scotia 15'		early Miocene Saucesian or Relizian Stage
25266	Taylor Peak	22595	5	NE part of quad	240-C	Scotia 15'		middle Miocene
25267	Fields Landing	22596	1A	E of Tompkins Hill	240-C	Fortuna 15'	good fauna	late Miocene
25268	Fields Landing	22596	5	E of Tompkins Hill	240-C	Fortuna 15'	reworked?	late Miocene
25269	Fields Landing	22596	6	E of Tompkins Hill	240-C	Fortuna 15'		reworked Miocene in Pliocene rocks?
25270	Fields Landing	22596	7	E of Tompkins Hill	240-C	Fortuna 15'		reworked Miocene in Pliocene rocks?
25271	Fields Landing	22596	7RW	E of Tompkins Hill	240-C	Fortuna 15'		Pliocene
25272	Scotia	22598	4	Eel River	240-D	Scotia 15'		late Miocene
25273	Scotia	22598	5	Eel River	240-D	Scotia 15'		late Miocene
25274	Scotia	22598	6	Eel River	240-D	Scotia 15'		late Miocene
25275	Scotia	22598	7	Eel River	240-D	Scotia 15'		late Miocene
25276	Scotia	22598	8	Eel River	240-D	Scotia 15'		late Miocene
25277	Crescent City	22599	1	Pebble Beach	240-D	Crescent City 15'		Pliocene or Pleistocene
25278	Ferndale	22600	2	Wildcat Canyon	240-D	Ferndale 15'		Pliocene or Pleistocene
25279	Ferndale	22600	2A	Wildcat Canyon	240-D	Ferndale 15'		Pliocene or Pleistocene
25280	Ferndale	22600	4	Wildcat Canyon	240-D	Ferndale 15'		Pliocene or Pleistocene
25281	Ferndale	22600	5	Wildcat Canyon	240-D	Ferndale 15'		Pliocene
25282	Ferndale	22600	8	Wildcat Canyon	240-D	Ferndale 15'		Pliocene
25283	Ferndale	22600	8A	Wildcat Canyon	240-D	Ferndale 15'		Pliocene
25284	Ferndale	22600	8B	Wildcat Canyon	240-D	Ferndale 15'		Pliocene
25285	Redcrest	22602	1	S of Shiveley	240-D	Weott 15'		late? Miocene
25286	Reliz Canyon	22608	slide1	Reliz Canyon	243-G	stage type		early Miocene Relizian Stage
25287	Reliz Canyon	22608	slide2	Reliz Canyon	243-G	stage type		early Miocene Relizian Stage
25288	Reliz Canyon	22608	1	Reliz Canyon	79-J	stage type		early Miocene Relizian Stage
25289	Reliz Canyon	22608	3	Reliz Canyon	79-J	stage type		early Miocene Relizian Stage
25290	Reliz Canyon	22608	4	Reliz Canyon	79-J	stage type		early Miocene Relizian Stage
25291	Reliz Canyon	22608	4	Reliz Canyon	79-J	stage type		early Miocene Relizian Stage
25292	Reliz Canyon	22608	5	Reliz Canyon	79-J	stage type		early Miocene Relizian Stage
25293	Reliz Canyon	22608	7	Reliz Canyon	79-J	stage type		early Miocene Relizian Stage
25294	Reliz Canyon	22608	8	Reliz Canyon	79-J	stage type		early Miocene Relizian Stage
25295	Reliz Canyon	22608	9	Reliz Canyon	79-J	stage type		early Miocene Relizian Stage
25296	Reliz Canyon	22608	11	Reliz Canyon	79-J	stage type		early Miocene Relizian Stage
25297	Reliz Canyon	22608	12	Reliz Canyon	79-J	stage type		early Miocene Relizian Stage
25298	Walnut Creek	22620		NW corner quad	no slide			middle Eocene A-2 Zone
25299	Walnut Creek	22621		NW corner quad	no slide			Paleocene
25300	Walnut Creek	22626		27/2N/2W	no slide	abun Turritella	no longer exp	middle Eocene
25301	Walnut Creek	22627		27/2N/2W	58-J			Eocene? Shallow water fauna
25302	Midway	22629		Tesla area	no slide	Tesla 15'		Late Cretaceous, older than G Zone
25303	Mendenhall Springs	22633		NW part of quad	no slide	Tesla 15'		Late Cretaceous F Zone
25304	Dublin	22642		Tehan Canyion	239-F			Early Cretaceous J-2 Zone
25305	Walnut Creek	22643		WC part of quad	239-F	age from slide		Paleocene
25306	Warm Springs Mtn	22649		Elizabeth Lake	208-N		age on slide	early Eocene D zone
25307	Fortuna	22656	3	Howe Creek	242-F	Fortuna 15'		Pliocene
25308	Fortuna	22656	4	Howe Creek	242-F	Fortuna 15'		Pliocene
25309	Fortuna	22656	5	Howe Creek	242-F	Fortuna 15'	planktics com	Pliocene
25310	Taylor Peak	22656	2	Howe Creek	242-F	Scotia 15'	planktics com	Pliocene
25311	Redcrest	22665	3	Van Duzen River	242-G	Weott 15'		Pliocene

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
25312	Redcrest	22665	4	Van Duzen River	242-G	Weott 15'		possibly Pliocene
25313	Ferndale	22666	1	Mattole Road	no slide	Ferndale 15'	rad age	Late Cretaceous or Paleocene
25314	Ferndale	22666	4	Mattole Road	no slide	Ferndale 15'	rad age	Late Cretaceous Maastrichtian or Danian Stage
25315	Redcrest	22672	3	Larabee Creek	242-G	Weott 15'		Late Cretaceous? or Paleocene?
25316	Weott	22672		Larabee Creek	242-G	Weott 15'		Late Cretaceous or Paleocene
25317	Redcrest	22677		Shively	242-G	Weott 15'		Miocene or Pliocene
25318	Redcrest	22678		Shively	242-G	Weott 15'	planktics com	late Miocene
25319	Owl Creek	22681	1	SE part of quad	242-G			Miocene
25320	Owl Creek	22681	2	SE part of quad	242-G	Iaqua Buttes 15'	good fauna	Pliocene
25321	Redcrest	22681	1	Camp Bemis	242-G	Weott 15'		Pliocene
25322	Redcrest	22682	1	NE corner quad	242-G	Weott 15'		Pliocene
25323	Redcrest	22682	2	NE corner quad	242-G	Weott 15'		Pliocene
25324	Redcrest	22682	3	NE corner quad	242-G	Weott 15'		Pliocene
25325	Redcrest	22683		NE corner quad	242-H	Weott 15'		Pliocene
25326	Redcrest	22684	1	NE corner quad	242-H	Weott 15'	planktics com	Pliocene
25327	Redcrest	22684	2	NE corner quad	242-H	Weott 15'		Pliocene
25328	Redcrest	22684	2	NE corner quad	242-H	Weott 15'	planktics com	Pliocene
25329	Fortuna	22685	1	Blue Road	242-H	Fortuna 15'	planktics com	Pliocene
25330	Fortuna	22685	2	Blue Road	242-H	Fortuna 15'		Pliocene
25331	Fortuna	22685	4	Blue Road	242-H	Fortuna 15'		Pliocene
25332	Fortuna	22685	5	Blue Road	242-H	Fortuna 15'		Pliocene
25333	Fortuna	22685	6	Blue Road	242-H	Fortuna 15'	planktics com	Pliocene
25334	Fortuna	22685	7	Blue Road	242-H	Fortuna 15'		Pliocene
25335	Fortuna	22686	1	Price Creek	242-H	Fortuna 15'		Pliocene
25336	Fortuna	22686	2	Price Creek	242-H	Fortuna 15'		Pliocene
25337	Fortuna	22686	3	Price Creek	242-H	Fortuna 15'		Pliocene
25338	Ferndale	22687	1	SE corner quad	242-H	Ferndale 15'	planktics com	Pliocene
25339	Ferndale	22687	2	SE corner quad	242-H	Ferndale 15'		Pliocene
25340	Cape Mendocino	22691	1	NE corner of quad	244-C	Cp Mendocino 15'	strat column	late Miocene Delmontian Stage
25341	Cape Mendocino	22691	8	NE corner of quad	244-C	Cp Mendocino 15'	see 22376	Miocene PseudoSaucesian "Stage"
25342	Cape Mendocino	22691	11	NE corner of quad	244-C	Cp Mendocino 15'		Miocene PseudoSaucesian "Stage"
25343	Cape Mendocino	22691	12	NE corner of quad	244-C	Cp Mendocino 15'		Miocene PseudoSaucesian "Stage"
25344	Cape Mendocino	22692	1	NE corner of quad	244-C	Cp Mendocino 15'	Have strat	Miocene or Pliocene
25345	Cape Mendocino	22692	2	NE corner of quad	244-C	Cp Mendocino 15'	column and	Miocene or Pliocene
25346	Cape Mendocino	22692	3	NE corner of quad	244-C	Cp Mendocino 15'	check list	late Miocene Delmontian Stage
25347	Cape Mendocino	22692	4	NE corner of quad	244-C	Cp Mendocino 15'		late Miocene Delmontian Stage
25348	Cape Mendocino	22692	5	NE corner of quad	244-C	Cp Mendocino 15'		late Miocene Delmontian Stage
25349	Cape Mendocino	22692	7	NE corner of quad	244-C	Cp Mendocino 15'		late Miocene Delmontian Stage
25350	Cape Mendocino	22692	8	NE corner of quad	244-C	Cp Mendocino 15'		late Miocene Delmontian Stage
25351	Cape Mendocino	22692	10	NE corner of quad	244-C	Cp Mendocino 15'	Pseudosauce.	Miocene PseudoSaucesian "Stage"
25352	Capetown	22693	2	Bear River	244-C	Cp Mendocino 15'	A term for	Miocene PseudoSaucesian "Stage"
25353	Capetown	22693	3	Bear River	244-C	Cp Mendocino 15'	deep water	Miocene PseudoSaucesian "Stage"
25354	Capetown	22693	4	Bear River	244-C	Cp Mendocino 15'	facies of the	Miocene PseudoSaucesian "Stage"
25355	Capetown	22694	1	Bear River	244-C	Cp Mendocino 15'	Saucesian and	Miocene PseudoSaucesian "Stage"
25356	Capetown	22694	2	Bear River	244-C	Cp Mendocino 15'	younger	Miocene PseudoSaucesian "Stage"
25357	Capetown	22694	3	Bear River	244-C	Cp Mendocino 15'	stages.	Miocene PseudoSaucesian "Stage"
25358	Capetown	22696	1	Bear River	244-C	strat column	filed in 22692	Miocene PseudoSaucesian "Stage"
25359	Capetown	22696	2	Bear River	244-C	strat column	filed in 22692	Miocene PseudoSaucesian "Stage"
25360	Capetown	22696	3	Bear River	244-C	strat column	filed in 22692	Saucesian Stage /Relizian Stage
25361	Capetown	22696	4	Bear River	244-C	strat column	filed in 22692	Miocene PseudoSaucesian "Stage"
25362	Capetown	22697	2	Bear River	244-C	strat column	filed in 22692	Miocene PseudoSaucesian "Stage"
25363	Capetown	22698	1	Bear River	244-C	strat column	planktics com	Miocene PseudoSaucesian "Stage"
25364	Capetown	22698	2	Bear River	244-D	strat column		Miocene PseudoSaucesian "Stage"
25365	Capetown	22698	4	Bear River	244-D	strat column	planktics com	Miocene PseudoSaucesian "Stage"
25366	Capetown	22699	1	Bear River	244-D	strat column	filed in 22692	Miocene PseudoSaucesian "Stage"
25367	Capetown	22700	2	Bear River	244-D	strat column	filed in 22692	Miocene PseudoSaucesian "Stage"
25368	Capetown	22703	1	Bear River	244-D	Cp Mendocino 15'	planktics com	Miocene PseudoSaucesian "Stage"
25369	Capetown	22703	2	Bear River	244-D	Cp Mendocino 15'	planktics com	Miocene PseudoSaucesian "Stage"
25370	Capetown	22703	3	Bear River	244-D	Cp Mendocino 15'		Miocene PseudoSaucesian "Stage"
25371	Capetown	22705		Walker Ridge	244-D	Cp Mendocino 15'	planktics com	Pliocene
25372	Petrolia	22706	1	Domingo Ck	244-D	Cp Mendocino 15'		possibly Pseudosaucesian facies
25373	Petrolia	22706	2	Domingo Ck	244-D	Cp Mendocino 15'	planktics com	PseudoSaucesian facies
25374	Petrolia	22706	4	Domingo Ck	244-D	Cp Mendocino 15'		Miocene or Pliocene
25375	Petrolia	22710		N Fork Mattole R	244-D	Cp Mendocino 15'		Miocene or Pliocene
25376	Petrolia	22711	2	Domingo Ck	244-D	Cp Mendocino 15'		Miocene or Pliocene
25377	Petrolia	22712	1	McNutt Gulch	244-D	Cp Mendocino 15'	abun planktics	Miocene or Pliocene
25378	Petrolia	22713		Wildcat Gulch	244-D	Cp Mendocino 15'	planktics com	Pliocene
25379	Petrolia	22715		in Petrolia	244-D	Cp Mendocino 15'		Miocene or Pliocene
25380	Petrolia	22716		W of Petrolia	244-D	Cp Mendocino 15'		Miocene or Pliocene
25381	Petrolia	22717		NW of Petrolia	244-D	Cp Mendocino 15'		Miocene or Pliocene
25382	Garberville	22722		E of Benbow	244-D	Garberville 15'		Pliocene
25383	Garberville	22727		center of quad	no slide	Garberville 15'		Cretaceous
25384	Garberville	22732		Sprowl Creek	244-E	Garberville 15'		early or middle Miocene
25385	Eagle Rest Peak	22738	1-8	San Emigdio Creek	no slide	strat column	filed loc 11616	Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
25386	Pleito Hills	22746	1	NE part of quad	179-A		age from map	early Miocene Relizian Stage
25387	Pleito Hills	22746	6	NE part of quad	179-A		age from map	early Miocene Relizian Stage
25388	Pleito Hills	22746	7	NE part of quad	179-A		age from map	early Miocene Relizian Stage
25389	Pleito Hills	22748	1	NE part of quad	179-A		age from map	early Miocene Relizian Stage
25390	Pleito Hills	22749	1	NE part of quad	179-A		age from map	early Miocene Relizian Stage
25391	Pleito Hills	22749	8	NE part of quad	179-A		age from map	middle Miocene Luisian Stage
25392	Pleito Hills	22750	2	NE part of quad	179-A		age from map	early Miocene Relizian Stage
25393	Pleito Hills	22751	1	center of quad	179-A	sa Grapevine	age from map	early Miocene Relizian Stage
25394	Grapevine	22753	3	Tecuya Creek	179-A			early Miocene Saucesian? Stage
25395	Pleito Hills	22755	1	Pleito Hills	179-A		age from map	early Miocene Saucesian? Stage
25396	Pleito Hills	22783	1-3	Pleito Creek	no slide	strat column	filed in 11616	Eocene
25397	Pleito Hills	22784	1	Neasons Flat	197-L	have strat column	Discocyclina	middle Eocene A-2 Zone
25398	Pleito Hills	22784	2	Neasons Flat	197-L	see # 22342	Discocyclina	middle Eocene A-2 Zone
25399	Pleito Hills	22784	3	Neasons Flat	197-L	strat column	filed in 11616	middle Eocene A-2 Zone
25400	Pleito Hills	22784	4	Neasons Flat	197-L	strat column		middle Eocene A-2 Zone
25401	Pleito Hills	22784	5	Neasons Flat	197-L	strat column		middle Eocene A-2 Zone
25402	Pleito Hills	22784	6	Neasons Flat	197-L	strat column	area K-15	middle Eocene A-2 Zone
25403	Pleito Hills	22784	5A	Neasons Flat	197-L	strat column		middle Eocene A-2 Zone
25404	Pleito Hills	22784	6A	Neasons Flat	197-L	strat column		middle Eocene A-2 Zone
25405	Pleito Hills	22784	6B	Neasons Flat	197-L	strat column		middle Eocene A-2 Zone
25406	Pleito Hills	22784	11-17	Pleito Creek	no slide	strat column		Oligocene Zemorrian Stage
25407	Pleito Hills	22786	1	Salt Creek	197-L	strat column	filed in 11616	middle Eocene A-2 Zone
25408	Pleito Hills	22786	1	Salt Creek	197-L	strat column		middle Eocene A-2 Zone
25409	Pleito Hills	22786	2	Salt Creek	197-L	strat column		middle Eocene A-2 Zone
25410	Pleito Hills	22786	2A	Salt Creek	197-L	strat column		middle Eocene A-2 Zone
25411	Pleito Hills	22786	3	Salt Creek	197-L	strat column		middle Eocene A-2 Zone
25412	Pleito Hills	22786	5	Salt Creek	197-L	strat column		middle Eocene A-2 Zone
25413	Pleito Hills	22786	6	Salt Creek	197-L	strat column		middle Eocene A-2 Zone
25414	Pleito Hills	22788	1	E of Neasons Flat	197-L	strat column	filed in 11616	middle Eocene A-2 Zone
25415	Pleito Hills	22788	2	E of Neasons Flat	197-L	strat column		middle Eocene A-2 Zone
25416	Pleito Hills	22788	3	E of Neasons Flat	197-L	strat column		middle Eocene A-2 Zone
25417	Pleito Hills	22788	4	E of Neasons Flat	197-L	strat column		middle Eocene A-2 Zone
25418	Pleito Hills	22788	5	E of Neasons Flat	197-L	strat column		middle Eocene A-2 Zone
25419	Pleito Hills	22789	2	E of Neasons Flat	197-L	strat column	filed in 11616	middle Eocene A-2 Zone
25420	Pleito Hills	22789	3	E of Neasons Flat	197-L	strat column		middle Eocene A-2 Zone
25421	Pleito Hills	22789	4	E of Neasons Flat	197-L	strat column		middle Eocene A-2 Zone
25422	Pleito Hills	22790	1	Salt Creek	no slide	strat column		Oligocene Zemorrian Stage
25423	Grapevine	22792	1	W of Tecuya Creek	197-L			late Eocene A-2 Zone
25424	Grapevine	22793	1	No Name Canyon	197-L	strat column	filed in 11616	late Eocene A-2 Zone
25425	Grapevine	22793	2	No Name Canyon	197-L	strat column		late Eocene A-2 Zone
25426	Grapevine	22793	3	No Name Canyon	197-L	strat column	area K-15	late Eocene A-2 Zone
25427	Grapevine	22793	4	No Name Canyon	197-L	strat column		late Eocene A-2 Zone
25428	Grapevine	22793	5	No Name Canyon	197-L	strat column		late Eocene A-2 Zone
25429	Grapevine	22793	16	No Name Canyon	197-L	strat column		late Eocene A-2 Zone
25430	Grapevine	22793	18	No Name Canyon	197-L	strat column		late Eocene A-2 Zone
25431	Grapevine	22793	20	No Name Canyon	197-L	strat column		late Eocene A-2 Zone
25432	Grapevine	22793	22	No Name Canyon	197-L	strat column		late Eocene A-2 Zone
25433	Eagle Rest Peak	22795	25	Pleito Creek	197-M	strat column		Oligocene Zemorrian Stage
25434	Pleito Hills	22796	10	Pleito Creek	197-M	strat column		Oligocene Zemorrian Stage
25435	Pleito Hills	22796	11	Pleito Creek	197-M	strat column		Oligocene Zemorrian Stage
25436	Pleito Hills	22796	12	Pleito Creek	197-M	strat column		Oligocene Zemorrian Stage
25437	Pleito Hills	22797	3	W of Pleito Creek	197-M			Oligocene Zemorrian Stage
25438	Pleito Hills	22797	4	W of Pleito Creek	197-M			Oligocene Zemorrian Stage
25439	York Mountain	22800		SW part of quad	no slide		Pecten age	early or middle Miocene
25440	Ferndale	22802	2	Centerville Beach	242-H	Ferndale 15'	abun planktics	late Miocene Delmontian Stage
25441	Ferndale	22802	8	Centerville Beach	242-H	Ferndale 15'		late Miocene Delmontian Stage
25442	Ferndale	22802	9	Centerville Beach	242-H	Ferndale 15'		Pliocene
25443	Ferndale	22802	10	Centerville Beach	242-H	Ferndale 15'		Pliocene
25444	Ferndale	22802	11	Centerville Beach	242-H	Ferndale 15'		Pliocene
25445	Fortuna	22803	1	Price Creek	242-H	Fortuna 15'	planktics com	Pliocene
25446	Fortuna	22803	2	Price Creek	242-H	Fortuna 15'		Pliocene
25447	Fortuna	22803	3	Price Creek	242-H	Fortuna 15'		Pliocene
25448	Fortuna	22803	4	Price Creek	242-H	Fortuna 15'	planktics com	Pliocene
25449	Fortuna	22803	5A	Price Creek	242-H	Fortuna 15'		Pliocene
25450	Fortuna	22803	5B	Price Creek	242-H	Fortuna 15'	planktics com	Pliocene
25451	Fortuna	22803	6	Price Creek	242-H	Fortuna 15'		late Miocene Delmontian Stage
25452	Fortuna	22803	7B	Price Creek	242-H	Fortuna 15'	planktics com	late Miocene Delmontian Stage
25453	Miranda	22810	1	SW part of quad	242-H	Garberville 15'		possibly Pliocene
25454	Miranda	22810	2	SW part of quad	242-H	Garberville 15'		possibly Pliocene
25455	Miranda	22810	3	SW part of quad	242-H	Garberville 15'		possibly Pliocene
25456	Miranda	22811	1	SW part of quad	242-H	Garberville 15'		Miocene or Pliocene
25457	Miranda	22811	2	SW part of quad	242-H	Garberville 15'		Miocene or Pliocene
25458	Miranda	22811	3	SW part of quad	242-H	Garberville 15'		Miocene or Pliocene
25459	Garberville	22834		Benbow area	no slide	Garberville 15'		possibly Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
25460	Ferndale	22836	1A	Eel River auger	244-E	Ferndale 15'	good faunas	Miocene or Pliocene
25461	Ferndale	22836	1B	NW of Bunker Hill	244-E	Ferndale 15'		Miocene or Pliocene
25462	Ferndale	22836	1C	Eel River auger	244-E	Ferndale 15'		Miocene or Pliocene
25463	Ferndale	22836	1D	Eel River auger	244-E	Ferndale 15'		Miocene or Pliocene
25464	Ferndale	22836	1E	Eel River auger	244-E	Ferndale 15'		Miocene or Pliocene
25465	Ferndale	22836	1F	Eel River auger	244-E	Ferndale 15'		Miocene or Pliocene
25466	Ferndale	22836	1G	Eel River auger	244-E	Ferndale 15'		Miocene or Pliocene
25467	Ferndale	22836	1H	Eel River auger	244-E	Ferndale 15'		Miocene or Pliocene
25468	Ferndale	22836	2	Eel River auger	244-E	Ferndale 15'	planktics com	Miocene or Pliocene
25469	Ferndale	22836	3	Eel River auger	244-E	Ferndale 15'	planktics com	Pliocene
25470	Ferndale	22836	4	Eel River auger	244-E	Ferndale 15'	planktics com	Pliocene
25471	Ferndale	22836	5A	Eel River auger	244-E	Ferndale 15'		possibly Miocene or Pliocene
25472	Ferndale	22836	5B	Eel River auger	244-E	Ferndale 15'		possibly Miocene or Pliocene
25473	Ferndale	22836	5C	Eel River auger	244-E	Ferndale 15'		possibly Miocene or Pliocene
25474	Ferndale	22836	7	Eel River auger	244-E	Ferndale 15'		possibly Cretaceous arenaceous foraminifers
25475	Ferndale	22837	1	N of Bunker Hill	244-E	Ferndale 15'		Pliocene
25476	Capetown	22838	1	Bear River	224-E	Cp Mendocino 15'	good fauna	Miocene PseudoSaucesian "Stage"?
25477	Ferndale	22838	1A	S of Ferndale	244-E	Ferndale 15'	good fauna	early Miocene Saucesian Stage
25478	Ferndale	22838	1B	Eel River auger	244-E	Ferndale 15'	good fauna	early Miocene Saucesian Stage
25479	Capetown	22839	1B	Eel River auger	244-E	Cp Mendocino 15'		Miocene or Pliocene
25480	Capetown	22839	3	Eel River auger	244-E	Cp Mendocino 15'		Pliocene
25481	Petrolia	22839	2A	NW part of quad	244-E	Cp Mendocino 15'		Miocene or Pliocene
25482	Petrolia	22839	2B	NW part of quad	244-E	Cp Mendocino 15'		Miocene or Pliocene
25483	Petrolia	22840	1	NW of Petrolia	244-E	Cp Mendocino 15'		Miocene or Pliocene
25484	Petrolia	22841	1A	W of Petrolia	244-E	Cp Mendocino 15'		Miocene or Pliocene
25485	Petrolia	22841	1B	Eel River auger	244-E	Cp Mendocino 15'		Miocene or Pliocene
25486	Petrolia	22841	2A	Eel River auger	244-E	Cp Mendocino 15'		Miocene or Pliocene
25487	Petrolia	22841	2B	Eel River auger	244-E	Cp Mendocino 15'		Miocene or Pliocene
25488	Petrolia	22841	3	Eel River auger	244-E	Cp Mendocino 15'		Miocene or Pliocene
25489	Petrolia	22841	4	Eel River auger	244-E	Cp Mendocino 15'		Miocene or Pliocene
25490	Petrolia	22841	5A	Eel River auger	244-E	Cp Mendocino 15'		Miocene or Pliocene
25491	Petrolia	22841	5B	Eel River auger	244-E	Cp Mendocino 15'		Miocene or Pliocene
25492	Petrolia	22843	1	Eel River auger	244-E	Cp Mendocino 15'		probably late Miocene
25493	Briceland	22845	9	Eel River auger	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25494	Briceland	22845	10A	Eel River auger	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25495	Briceland	22845	10B	Eel River auger	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25496	Briceland	22845	11A	Eel River auger	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25497	Briceland	22845	11B	Eel River auger	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25498	Briceland	22845	12A	Eel River auger	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25499	Briceland	22845	12B	Eel River auger	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25500	Briceland	22845	13	Eel River auger	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25501	Briceland	22845	13B	Eel River auger	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25502	Briceland	22845	14A	Eel River auger	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25503	Briceland	22845	14B	Eel River auger	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25504	Garberville	22845	2	Briceland area	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25505	Garberville	22845	3	Eel River auger	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25506	Garberville	22845	4	Eel River auger	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25507	Garberville	22845	6A	Eel River auger	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25508	Garberville	22845	6B	Eel River auger	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25509	Garberville	22845	7A	Eel River auger	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25510	Garberville	22845	7B	Eel River auger	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25511	Garberville	22845	7C	Eel River auger	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25512	Garberville	22845	8	Eel River auger	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25513	Miranda	22846	1A	SW part of quad	244-F	Garberville 15'	auger	Pliocene
25514	Miranda	22846	1B	SW part of quad	244-F	Garberville 15'		Pliocene
25515	Miranda	22846	3	SW part of quad	244-F	Garberville 15'		Pliocene
25516	Miranda	22846	4	SW part of quad	244-F	Garberville 15'		Pliocene
25517	Garberville	22847	2A	SW of airport	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25518	Garberville	22847	2B	SW of airport	244-F	Garberville 15'	auger	Cretaceous? arenaceous foraminifers
25519	Garberville	22847	3A	SW of airport	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25520	Garberville	22847	3B	SW of airport	244-F	Garberville 15'		Cretaceous? arenaceous foraminifers
25521	Garberville	22847	4	SW of airport	244-F	Garberville 15'		middle Miocene
25522	Miranda	22848	2A	SW part of quad	244-F	Garberville 15'		Miocene or Pliocene
25523	Miranda	22848	2B	SW part of quad	244-F	Garberville 15'		Miocene or Pliocene
25524	Miranda	22848	3A	SW part of quad	244-F	Garberville 15'		Miocene or Pliocene
25525	Miranda	22848	3B	SW part of quad	244-F	Garberville 15'		Miocene or Pliocene
25526	Miranda	22848	4A	SW part of quad	244-F	Garberville 15'		Miocene or Pliocene
25527	Miranda	22848	4B	SW part of quad	244-F	Garberville 15'		Miocene or Pliocene
25528	Miranda	22849	2A	SW part of quad	244-F	Garberville 15'		late Miocene
25529	Miranda	22849	2B	SW part of quad	244-F	Garberville 15'		late Miocene
25530	Miranda	22849	2C	SW part of quad	244-F	Garberville 15'		possibly late Miocene
25531	Briceland	22850	2A	NW of Briceland	244-F	Garberville 15'		Cretaceous or Paleocene
25532	Briceland	22850	2B	Eel River auger	244-F	Garberville 15'		Cretaceous or Paleocene
25533	Briceland	22850	2C	Eel River auger	244-F	Garberville 15'		Cretaceous or Paleocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
25534	Garberville	22851	1A	E of Benbow	244-F	Garberville 15'		Miocene or Pliocene
25535	Garberville	22851	1B	Eel River auger	244-F	Garberville 15'		Miocene or Pliocene
25536	Garberville	22851	2A	Eel River auger	244-F	Garberville 15'		Miocene or Pliocene
25537	Garberville	22852	1A	SW of Benbow	244-G	Garberville 15'		middle and late Miocene Mohnian Stage
25538	Garberville	22852	1AA	SW part of quad	244-G	Garberville 15'	auger	middle and late Miocene Mohnian Stage
25539	Garberville	22852	2A	SW part of quad	244-G	Garberville 15'	reworked	Cretaceous and Miocene
25540	Garberville	22852	2B	SW part of quad	244-G	Garberville 15'	reworked	Cretaceous and Miocene
25541	Garberville	22852	2C	SW part of quad	244-G	Garberville 15'	reworked	Cretaceous and Miocene
25542	Garberville	22852	2D	SW part of quad	244-G	Garberville 15'		Late Cretaceous or Paleocene
25543	Garberville	22853	2F	W of Garberville	244-G	Garberville 15'		possibly Miocene or Pliocene
25544	Garberville	22853	2K	W of Garberville	244-G	Garberville 15'		possibly Miocene or Pliocene
25545	Myers Flat	22854	7	NW part of quad	244-G	Weott 15'		Late Cretaceous or Paleocene
25546	Weott	22854	1B	NE part of quad	244-G	Weott 15'	auger	Miocene or Pliocene
25547	Weott	22854	2A	NE part of quad	244-G	Weott 15'		Miocene or Pliocene
25548	Weott	22854	2B	NE part of quad	244-G	Weott 15'		Miocene or Pliocene
25549	Myers Flat	22859	3B	NW part of quad	244-G	Weott 15'		Late Cretaceous or Paleocene
25550	Myers Flat	22859	4A	NW part of quad	244-G	Weott 15'		Late Cretaceous or Paleocene
25551	Myers Flat	22859	4B	NW part of quad	244-G	Weott 15'		Late Cretaceous or Paleocene
25552	Myers Flat	22859	6B	NW part of quad	244-G	Weott 15'		possibly late Miocene Delmontian Stage
25553	Myers Flat	22859	7A	center of quad	244-G	Weott 15'		Late Cretaceous or Paleocene
25554	Myers Flat	22859	7B	center of quad	244-G	Weott 15'		Late Cretaceous or Paleocene
25555	Myers Flat	22859	8	center of quad	244-G	Weott 15'		Late Cretaceous or Paleocene
25556	Weott	22859	1A	NE part of quad	244-G	Weott 15'		Miocene or Pliocene
25557	Weott	22859	1B	NE part of quad	244-G	Weott 15'		Miocene or Pliocene
25558	Weott	22859	1C	NE part of quad	244-G	Weott 15'		Miocene or Pliocene
25559	Piercy	22860	1A	NE part of quad	244-H	Piercy 15'		middle and late Miocene Mohnian Stage
25560	Piercy	22860	1B	NE part of quad	244-H	Piercy 15'		probably late Miocene
25561	Piercy	22860	1C	NE part of quad	244-H	Piercy 15'		probably late Miocene
25562	Ferndale	22873	1	WC part of quad	162-B	Ferndale 15'	slide says	Pliocene
25563	Ferndale	22873	2	WC part of quad	162-B	Ferndale 15'	Guthrie Creek	Pliocene
25564	Ferndale	22873	3	WC part of quad	162-B	Ferndale 15'		Pliocene
25565	Capetown	22874		Bear River	162-B	Cp Mendocino 15'		Paleocene or Eocene
25566	Capetown	22874	RW	Bear River	162-B	Cp Mendocino 15'		Paleocene or Eocene
25567	Petrolia	22875	2	Domingo Creek	162-B	Cp Mendocino 15'	good fauna	PseudoSaucesian facies
25568	Petrolia	22875	3	Domingo Creek	162-B	Cp Mendocino 15'	good fauna	PseudoSaucesian facies
25569	Petrolia	22875	4	Domingo Creek	162-B	Cp Mendocino 15'	good fauna	Pliocene
25570	Petrolia	22875	5	Domingo Creek	162-B	Cp Mendocino 15'	good fauna	Pliocene
25571	Petrolia	22875	6	Domingo Creek	162-B	Cp Mendocino 15'	good fauna	Pliocene
25572	Petrolia	22875	7	Domingo Creek	162-B	Cp Mendocino 15'	good fauna	Pliocene
25573	Petrolia	22875	8	Domingo Creek	162-B	Cp Mendocino 15'		Pliocene
25574	Shubrick Peak	22876		Mattole River	162-B	Point Delgata 15'		contaminated?
25575	Shubrick Peak	22876	RW	Mattole River	162-B	Point Delgata 15'		Cretaceous arenaceous foraminifers
25576	Santa Barbara?	22883		S Barbara on slide	184-L	age from slide	not on map	middle and late Miocene upper Mohnian Stage
25577	Santa Barbara?	22884		S Barbara on slide	184-L	age from slide	not on map	Oligocene Zemorrian Stage
25578	Santa Barbara?	22885		S Barbara on slide	184-L	age from slide	not on map	late Eocene Refugian Stage
25579	Santa Barbara?	22886		S Barbara on slide	184-L	age from slide	not on map	late Eocene Refugian Stage
25580	Santa Barbara?	22886	A	S Barbara on slide	184-L	age from slide	not on map	late Eocene Refugian Stage
25581	Santa Barbara?	22887		S Barbara on slide	184-L	age from slide	not on map	middle and late Eocene Narizian Stage
25582	Santa Barbara?	22888		S Barbara on slide	184-L	age from slide	not on map	middle Eocene Ulatisian Stage
25583	Santa Barbara?	22889		S Barbara on slide	184-L	age from slide	not on map	early Eocene Penutian Stage
25584	Santa Barbara?	22889		S Barbara on slide	184-L	age from slide	not on map	early Eocene Penutian Stage
25585	Brentwood	22900		Marsh Road	no slide		age from map	Paleocene
25586	Brentwood	22901		Marsh Road	no slide		age from map	Paleocene
25587	Brentwood	22902		Marsh Road	no slide		age from map	Paleocene
25588	Brentwood	22903		Marsh Road	no slide		age from map	Paleocene
25589	Brentwood	22904		Marsh Road	no slide		age from map	Paleocene
25590	Antioch South	22908	1	Marsh Creek	247-G	Mt Diablo 15'	age from map	Late Cretaceous arenaceous foraminifers
25591	Antioch South	22908	2	Deer Creek Road	247-G	Mt Diablo 15'	age from map	Late Cretaceous arenaceous foraminifers
25592	Oakland East	22929		San Pablo Res.	202-B	good fauna	pseudo G-1	Late Cretaceous E/F Zones
25593	Mare Island	22931		Pinole	202-B			possibly middle Miocene Luisian Stage
25594	Richmond	22934		NE corner of quad	202-B			middle Miocene
25595	Briones Valley	22935		WC part of quad	202-B			Eocene
25596	Briones Valley	22941		E of Bear Creek	202-B			early Eocene D Zone
25597	Antioch South	22953		center of quad	202-B			Cretaceous or Paleocene
25598	Richmond	22955		San Pablo Res.	202-B			late Miocene
25599	Briones Valley	22956		E of Bear Creek	202-B			Miocene
25600	Napa	22958	A	Carneros Valley	202-B	area E-3, E-5		Late? Cretaceous arenaceous foraminifers
25601	Napa	22958	B	Carneros Valley	202-B	Sonoma 15'		Late? Cretaceous arenaceous foraminifers
25602	Sonoma	22962		SE part of quad	no slide			Early Cretaceous J-2 Zone
25603	Sonoma	22963		SE part of quad	no slide			Early Cretaceous J-2 Zone
25604	Sonoma	22964	A	SE part of quad	no slide			probably late Miocene
25605	Sonoma	22965		SE part of quad	202-B			probably late Miocene
25606	Sonoma	22966		SE part of quad	202-B			probably late Miocene
25607	Napa	22968		SE part of quad	202-B	Sonoma 15'		probably late Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
25608	Sonoma	22969		SE part of quad	202-B			probably late Miocene
25609	Rutherford	22974		Dry Creek	202-B			Cretaceous arenaceous foraminifers
25610	Cotati	22984		NE part of quad	no slide	freshwater	diatoms	Miocene or Pliocene
25611	Richmond	22995	A	not on map	191-K			all ostracods
25612	Richmond	22995	B	not on map	191-K			all ostracods
25613	Vine Hill	23000		N of Vine Hill	247-J	Colburn 40		Late Cretaceous D-2 Zone
25614	Vine Hill	23001		N of Vine Hill	247-J	Colburn 39		Late Cretaceous D-2 Zone
25615	Vine Hill	23002		N of Vine Hill	247-J	Colburn 38		Late Cretaceous D-2 Zone
25616	Vine Hill	23003		N of Vine Hill	247-J	Colburn 37		Late Cretaceous D-2 Zone
25617	Walnut Creek	23013		NW of Pacheco	247-J	Colburn 13	Markley	early Eocene C or D Zone
25618	Walnut Creek	23014		NW of Pacheco	247-J	Colburn 14	Las Juntas	early Eocene C or D Zone
25619	Walnut Creek	23015		NW of Pacheco	247-J	Colburn 15	Las Juntas	early Eocene C or D Zone
25620	Walnut Creek	23017		NW of Pacheco	247-J	Colburn 16	Las Juntas	early Eocene D Zone
25621	Walnut Creek	23018		NW of Pacheco	247-J	Colburn 17	Las Juntas	early Eocene D Zone
25622	Walnut Creek	23019		NW of Pacheco	247-J	Colburn 18	Las Juntas	early Eocene D Zone
25623	Walnut Creek	23020		NW of Pacheco	247-J	Colburn 19	Las Juntas	early Eocene D Zone
25624	Walnut Creek	23025		NW of Pacheco	247-J	Colburn 24	Escobar/Alhm	late? Eocene Narizian Stage
25625	Walnut Creek	23026		NW of Pacheco	247-J	Colburn 23	Escobar/Alhm	middle Eocene A-2 Zone
25626	Walnut Creek	23030		WC part of quad	247-J	Colburn 86		Eocene B Zones
25627	Walnut Creek	23031		NW of Pacheco	247-J	Colburn 87	rads abun	late Eocene
25628	Walnut Creek	23032		NW of Pacheco	247-J	Colburn 85		late Paleocene or early Eocene E or D Zone
25629	Walnut Creek	23034		SW of Pacheco	247-J	Colburn 52	Las Juntas	early Eocene C Zone
25630	Walnut Creek	23037		W of Pleasant Hill	247-J	Colburn 93	Vine Hill	late Paleocene or early Eocene E or D Zone
25631	Walnut Creek	23038		W of Pleasant Hill	247-J	Colburn 92	Martinez	late Paleocene or early Eocene E or D Zone
25632	Walnut Creek	23039		W of Pleasant Hill	247-J	Colburn 91	Martinez	late Paleocene or early Eocene E or D Zone
25633	Walnut Creek	23040		W of Pleasant Hill	247-J	Colburn 90	Las Juntas	late Paleocene or early Eocene E or D Zone
25634	Walnut Creek	23041		W of Pleasant Hill	247-J	Colburn 88	Las Juntas	late Paleocene or early Eocene E or D Zone
25635	Walnut Creek	23043		W of Pleasant Hill	247-J	Colburn 94	Escobar/Alhm	late Paleocene or early Eocene E or D Zone
25636	Walnut Creek	23044		W of Pleasant Hill	247-J	Colburn 95	Escobar	late Paleocene or early Eocene E or D Zone
25637	Walnut Creek	23045		NW corner of quad	247-J	Colburn 83	rads abun	late Eocene
25638	Walnut Creek	23046		NW corner of quad	247-J	Colburn 101	Las Juntas	Paleocene
25639	Walnut Creek	23047		not on map	247-J	Colburn 102	Las Juntas	Paleocene
25640	Walnut Creek	23048		not on map	247-J	Colburn 51	Las Juntas	early Eocene C Zone
25641	Walnut Creek	23049		not on map	247-J	Colburn 71	Las Juntas	early Eocene C Zone
25642	Walnut Creek	23055		NW corner of quad	247-J	Colburn 77	Alhambra	middle Eocene A-1 Zone
25643	Walnut Creek	23056		NW corner of quad	247-J	Colburn 78	rads abun	late Eocene
25644	Walnut Creek	23057		NW corner of quad	247-J	Colburn 79	Alhambra	middle Eocene Narizian Stage
25645	Walnut Creek	23059		NW corner of quad	247-J	Colburn 80	Markley	middle Eocene A-1 Zone
25646	Cordelia	23062		NW corner of quad	247-J	Colburn 11	Markley	late Eocene
25647	Vine Hill	23063		SC part of quad	247-J	Colburn 29	Las Juntas	early Eocene C Zone
25648	Vine Hill	23065		NW of Vine Hill	247-J	Colburn 107	Martinez	late Paleocene E Zone
25649	Denverton	23072		Potrero Hills	247-J	Colburn 61		late Paleocene E Zone or older
25650	Fairfield South	23072		vic Rush Landing	247-J	Colburn 61		late Paleocene E Zone
25651	Elmira	23078		4/5N/1W	247-J	radiolaria-rich	rads abun	possibly Late Cretaceous E Zone
25652	Elmira	23079		4/5N/1W	247-J	Colburn 116	Chico	possibly Late Cretaceous E Zone
25653	Elmira	23082		4/5N/1W	247-J	Colburn 115A	Chico	Cretaceous? arenaceous foraminifers
25654	Oakland East	23108		Pinehurst Road	26-L		pseudo G-1	Late Cretaceous D or E Zone
25655	Oakland East	23109		Pinehurst Road	26-L		area E-2	Late Cretaceous arenaceous foraminifers
25656	Oakland East	23110		Pinehurst Road	26-L			Late Cretaceous arenaceous foraminifers
25657	Oakland East	23111		Pinehurst Road	26-L		pseudo G-1	Late Cretaceous D or E Zone
25658	Oakland East	23112		Pinehurst Road	26-L		pseudo G-1	Late Cretaceous D or E Zone
25659	Oakland East	23117		Redwood Canyon	26-L			Late Cretaceous D or E Zone
25660	Richmond	23121		NE part quad	26-L			middle Miocene
25661	Cypress Mountain	23131		NE corner quad	252-A	Adelaida 15'	age from map	middle Miocene
25662	Lime Mountain	23133		SE of Cmp Natoma	252-A			middle? Miocene
25663	Lime Mountain	23136		SE of Cmp Natoma	252-A			probably early Miocene Relizian Stage
25664	Lime Mountain	23138		SE of Cmp Natoma	252-A			middle Miocene
25665	Lime Mountain	23139		SE of Cmp Natoma	252-A			middle Miocene
25666	Lime Mountain	23140		SE of Cmp Natoma	252-A			middle Miocene Luisian Stage
25667	Lime Mountain	23142		SE of Cmp Natoma	252-A			middle Miocene
25668	Lime Mountain	23144		SE of Cmp Natoma	252-A			early Miocene Relizian Stage
25669	Espinosa Canyon	23161	1	Seven Well Canyon	252-A			late Miocene
25670	Espinosa Canyon	23161	2	Seven Well Canyon	252-A			late Miocene
25671	Espinosa Canyon	23161	4	Seven Well Canyon	252-A			late Miocene
25672	Hames Valley	23163	K	NW part quad	252-A		age from map	late Miocene
25673	Williams Hill	23163	A	NE part quad	252-A		age from map	late Miocene
25674	Williams Hill	23163	C	NE part quad	252-A		age from map	late Miocene
25675	Williams Hill	23163	D	NE part quad	252-A			late Miocene
25676	Espinosa Canyon	23164	4	Espinosa Canyon	252-A		age from map	late Miocene
25677	Espinosa Canyon	23164	5	Espinosa Canyon	252-A		age from map	late Miocene
25678	Espinosa Canyon	23164	8	Lockwood Grade	252-A		age from map	late Miocene
25679	Espinosa Canyon	23164	13	San Lucas Canyon	252-A		age from map	late Miocene
25680	Williams Hill	23164	L	San Lucas Canyon	252-A		age from map	late Miocene
25681	Alder Peak	23177	A	NE corner quad	252-A	Cp San Martin 15'	area F-1	early Miocene Relizian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
25682	Alder Peak	23177	B	NE corner quad	252-A	Cp San Martin 15'		early Miocene Relizian Stage
25683	Jolon	23177	C	NW corner quad	252-A	Bryson 15'		early Miocene Relizian Stage
25684	Jolon	23177	D	NW corner quad	252-A	Bryson 15'		early Miocene Relizian Stage
25685	Jolon	23177	E	NW corner quad	252-A	Bryson 15'		middle and late Miocene Mohnian Stage
25686	Jolon	23178	A	NW corner quad	252-A	Bryson 15'		middle and late Miocene Mohnian Stage
25687	Jolon	23178	B	NW corner quad	252-A	Bryson 15'		middle and late Miocene lower Mohnian Stage
25688	Jolon	23178	C	NW corner quad	252-A	Bryson 15'		middle and late Miocene lower Mohnian Stage
25689	Jolon	23179		NW corner quad	252-A	Bryson 15'		middle and late Miocene lower Mohnian Stage
25690	Bryson	23205	A	SE corner of quad	252-A		age from map	Late Cretaceous D Zone
25691	Tierra Redonda Mtn	23209	A	S of Pleyto	252-A	area F-1		early Miocene Relizian Stage
25692	Tierra Redonda Mtn	23209	B	S of Pleyto	252-A			early Miocene Relizian Stage
25693	Tierra Redonda Mtn	23209	C	S of Pleyto	252-A			early Miocene lower Relizian Stage
25694	Tierra Redonda Mtn	23209	D	S of Pleyto	252-B			early Miocene lower Relizian Stage
25695	Tierra Redonda Mtn	23210	B	S of Pleyto	252-B			early Miocene Relizian Stage
25696	Tierra Redonda Mtn	23210	D	S of Pleyto	252-B		abun planktics	early Miocene lower Relizian Stage
25697	Tierra Redonda Mtn	23210	E	S of Pleyto	252-B			early Miocene lower Relizian Stage
25698	Tierra Redonda Mtn	23210	F	S of Pleyto	252-B			early Miocene lower Relizian Stage
25699	Tierra Redonda Mtn	23210	G	S of Pleyto	252-B		abun planktics	early Miocene Relizian Stage
25700	Bradley	23211	A	opposite Sulphur C	252-B			?late Miocene
25701	Tierra Redonda Mtn	23211	C	SE of Pleyto	252-B			early Miocene lower Relizian Stage
25702	Tierra Redonda Mtn	23211	G	E of Pleyto	252-B			late? Miocene
25703	Bryson	23212	G	S of Pleyto School	252-B			Cretaceous or Paleocene
25704	Bryson	23212	H	S of Pleyto School	252-B			Cretaceous or Paleocene
25705	Bryson	23212	I	E of Pleyto School	252-B			Cretaceous or Paleocene
25706	Bryson	23212	J	E of Pleyto School	252-B			Cretaceous or Paleocene
25707	Bryson	23212	A	Nacimiento River	252-B		age from slide	Cretaceous or Paleocene
25708	Bryson	23212	B	Nacimiento River	252-B			Cretaceous or Paleocene
25709	Bryson	23212	D	Nacimiento River	252-B			Cretaceous or Paleocene
25710	Bryson	23212	E	Nacimiento River	252-B			Cretaceous or Paleocene
25711	Bryson	23213	H	Pleyto Road area	252-B			early Miocene Saucesian Stage
25712	Bryson	23213	J	Pleyto Road area	252-B			early Miocene Relizian Stage
25713	Bryson	23213	K	Pleyto Road area	252-B			early Miocene lower Relizian Stage
25714	Bryson	23213	K	Pleyto Road area	252-B			early Miocene Relizian or middle Miocene Luisian Stage
25715	Bryson	23213	L	Pleyto Road area	252-B			early Miocene Saucesian Stage
25716	Bryson	23214	D	Pleyto Road area	252-B			early Miocene Saucesian or Relizian Stage
25717	Tierra Redonda Mtn	23217	A	NC part of quad	252-B	age from K chart	planktics com	middle Miocene Luisian Stage
25718	Tierra Redonda Mtn	23217	B	NC part of quad	252-B		abun planktics	middle Miocene
25719	Tierra Redonda Mtn	23217	C	NC part of quad	252-B		planktics com	middle Miocene Luisian Stage
25720	Tierra Redonda Mtn	23217	D	NC part of quad	252-B		planktics com	middle Miocene Luisian Stage
25721	Tierra Redonda Mtn	23217	E	NC part of quad	252-B		abun planktics	middle Miocene Luisian Stage
25722	Thompson Canyon	23223	C	Pine Canyon	252-B		abun planktics	early Miocene Saucesian Stage
25723	Thompson Canyon	23223	D	Pine Canyon	252-B			middle and late Miocene lower? Mohnian Stage
25724	Reliz Canyon	23225	G	Reliz Creek	252-C	Junipero Serra 15'		middle Miocene
25725	Reliz Canyon	23225	H	Reliz Creek	252-C	Junipero Serra 15'		early Miocene
25726	Reliz Canyon	23225	N	Reliz Creek	252-C	Junipero Serra 15'	NP age	early Miocene Saucesian Stage
25727	Reliz Canyon	23225	O	Reliz Creek	252-C	Junipero Serra 15'	NP age	early Miocene Saucesian Stage
25728	Reliz Canyon	23225	P	Reliz Creek	252-C	Junipero Serra 15'	NP age	early Miocene Saucesian Stage
25729	Reliz Canyon	23225	T	Reliz Creek	252-C	Junipero Serra 15'	NP age	early Miocene Saucesian Stage
25730	Reliz Canyon	23225	Y	Reliz Creek	252-C	Junipero Serra 15'		Paleocene or Eocene
25731	Reliz Canyon	23225	Z	Reliz Creek	252-C	Junipero Serra 15'		Late Cretaceous D Zone
25732	Thompson Canyon	23227	C	Thompson Canyon	252-C			middle and late Miocene upper Mohnian Stage
25733	Thompson Canyon	23227	G	Thompson Canyon	252-C			middle Miocene Luisian Stage
25734	Thompson Canyon	23227	H	Thompson Canyon	252-C			middle Miocene Luisian Stage
25735	Thompson Canyon	23227	I	Thompson Canyon	252-C			middle Miocene
25736	Thompson Canyon	23227	J	Thompson Canyon	252-C			early Miocene Saucesian Stage
25737	Jolon	23228	E	Sam Jones Canyon	252-C	Bryson 15'	age from map	middle and late Miocene lower Mohnian Stage
25738	Jolon	23228	F	Sam Jones Canyon	252-C	Bryson 15'	age from map	middle and late Miocene lower Mohnian Stage
25739	Jolon	23228	G	Sam Jones Canyon	252-C	Bryson 15'	age from map	middle and late Miocene lower Mohnian Stage
25740	Jolon	23228	H	Sam Jones Canyon	252-C	Bryson 15'	age from map	middle and late Miocene upper Mohnian Stage
25741	Jolon	23228	I	Sam Jones Canyon	252-C	Bryson 15'	age from map	middle Miocene Luisian Stage
25742	Jolon	23228	J	Sam Jones Canyon	252-C	Bryson 15'	age from map	early Miocene Relizian Stage
25743	Jolon	23228	K	Sam Jones Canyon	252-C	Bryson 15'	age from map	early Miocene Relizian Stage
25744	Jolon	23228	L	Sam Jones Canyon	252-C	Bryson 15'	age from map	early Miocene lower Relizian Stage
25745	Jolon	23228	M	Sam Jones Canyon	252-C	Bryson 15'	age from map	early Miocene Relizian Stage
25746	Jolon	23228	O	Sam Jones Canyon	252-C	Bryson 15'	age from map	early Miocene lower Relizian Stage
25747	Jolon	23228	P	Sam Jones Canyon	252-C	Bryson 15'	age from map	early Miocene Relizian Stage
25748	Jolon	23228	Q	Sam Jones Canyon	252-C	Bryson 15'	age from map	early Miocene Relizian Stage
25749	Jolon	23228	Q	Sam Jones Canyon	252-C	Bryson 15'	age from map	early Miocene Relizian Stage
25750	Jolon	23228	M	Sam Jones Canyon	252-C	Bryson 15'	age from map	early Miocene Relizian Stage
25751	Jolon	23229	A	NW of Sam Jones C	252-C	Bryson 15'	age from map	middle Miocene Luisian? Stage
25752	Jolon	23229	B	NW of Sam Jones C	252-C	abundant planktics	age from map	early Miocene Relizian Stage
25753	Bryson	23232	B	NW part of quad	no slide		age from map	middle Miocene Luisian Stage
25754	Bryson	23232	C	NW part of quad	no slide			early Miocene Relizian Stage
25755	Jolon	23232	A	SE corner of quad	252-C	Bryson 15'	age from map	middle Miocene

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
25756	Jolon	23232	B	SE corner of quad	252-C	Bryson 15'	age from map	early Miocene Relizian Stage
25757	Jolon	23232	C	SE corner of quad	252-C	Bryson 15'	age from map	early Miocene Relizian Stage
25758	Cone Peak	23233	A	NE part of quad	252-C	Junipero Serra 15'		middle Miocene
25759	Cone Peak	23233	B	NE part of quad	252-C	Junipero Serra 15'	abun planktics	middle Miocene Luisian Stage
25760	Cone Peak	23233	C	NE part of quad	252-C	Junipero Serra 15'		possibly middle Miocene
25761	Bear Canyon	23236	B	E of Pinalito Ck	252-D			middle Miocene
25762	Bear Canyon	23236	C	E of Pinalito Ck	252-D	area F-1	abun planktics	middle Miocene
25763	Cosio Knob	23237		NW corner of quad	252-D	King City 15'		early Miocene Saucesian Stage
25764	Cosio Knob	23243		NW corner of quad	252-D	King City 15'	age from map	middle Miocene
25765	Bear Canyon	23245		EC part of quad	252-D			middle Miocene
25766	Reliz Canyon	23248	A	Mission Creek	252-D	not on map	abun planktics	early Miocene Relizian Stage
25767	Reliz Canyon	23248	B	Mission Creek	252-D	not on map	has NP	middle Miocene Luisian Stage
25768	Reliz Canyon	23248	C	Mission Creek	252-D	not on map	abun planktics	middle Miocene
25769	Reliz Canyon?	23250		not on map	252-D	Junipero Serra 15'	abun planktics	middle Miocene Luisian Stage
25770	Reliz Canyon?	23250		not on map	252-D	Junipero Serra 15'		middle Miocene Luisian Stage
25771	Reliz Canyon	23251	C	Vaqueros Creek	252-D	Junipero Serra 15'	planktics com	middle Miocene Luisian Stage
25772	Reliz Canyon	23251	D	Vaqueros Creek	252-D	Junipero Serra 15'	abun planktics	early Miocene Relizian Stage
25773	Reliz Canyon	23251	E	Vaqueros Creek	252-D	Junipero Serra 15'	abun planktics	middle Miocene
25774	Reliz Canyon	23251	F	Vaqueros Creek	252-D	Junipero Serra 15'	abun planktics	middle Miocene
25775	Reliz Canyon	23251	G	Vaqueros Creek	252-D	Junipero Serra 15'	abun planktics	early Miocene Relizian Stage
25776	Reliz Canyon	23251	H	Vaqueros Creek	252-D	Junipero Serra 15'	planktics com	middle and late Miocene Mohnian Stage
25777	Reliz Canyon	23251	I	Reliz Creek	252-D	Junipero Serra 15'	planktics com	middle Miocene
25778	Reliz Canyon	23252		Sweetwater Ck	252-D	Junipero Serra 15'	abun planktics	middle Miocene
25779	Reliz Canyon	23252	A	Sweetwater Ck	252-D	Junipero Serra 15'	abun planktics	middle Miocene
25780	Reliz Canyon	23252	C	Sweetwater Ck	252-D	Junipero Serra 15'	abun planktics	early Miocene Relizian Stage
25781	Reliz Canyon	23252	D	Sweetwater Ck	252-D	Junipero Serra 15'		middle Miocene
25782	Cosio Knob	23253	C	SE of Cosio Knob	252-D	King City 15'		middle Miocene
25783	Cosio Knob	23253	D	SE of Cosio Knob	252-D	King City 15'		middle Miocene
25784	Cosio Knob	23254	G	NW of Cosio Knob	252-D	King City 15'		early Miocene Relizian Stage
25785	Cosio Knob	23254	H	NW of Cosio Knob	252-D	King City 15'		early Miocene Relizian Stage
25786	Cosio Knob	23256	C	NE of Cosio Knob	252-D	King City 15'		early Miocene Saucesian Stage
25787	Cosio Knob	23256	D	NE of Cosio Knob	252-D	King City 15'		early Miocene Saucesian Stage
25788	Cosio Knob	23256	E	NE of Cosio Knob	252-D	King City 15'		early Miocene Saucesian Stage
25789	Tierra Redonda Mtn	23260	A	SE corner of quad	252-D		age from map	early Miocene Saucesian Stage
25790	Tierra Redonda Mtn	23260	B	SE corner of quad	252-D		age from map	early Miocene Saucesian Stage
25791	Tierra Redonda Mtn	23260	C	SE corner of quad	252-D		age from map	early Miocene Saucesian Stage
25792	Tierra Redonda Mtn	23260	D	SE corner of quad	252-D		age from map	early Miocene Saucesian Stage
25793	Tierra Redonda Mtn	23260	E	SE corner of quad	252-D		age from map	early Miocene Saucesian Stage
25794	Tierra Redonda Mtn	23260	F	SE corner of quad	252-D		age from map	early Miocene Saucesian Stage
25795	Tierra Redonda Mtn	23260	G	SE corner of quad	252-D		age from map	early Miocene lower Relizian Stage
25796	Tierra Redonda Mtn	23260	H	SE corner of quad	252-D		has NP	early Miocene lower Relizian Stage
25797	Tierra Redonda Mtn	23261		SE corner of quad	252-D		age from map	early Miocene lower Relizian Stage
25798	Tierra Redonda Mtn	23262	A	S of Pleyto	252-D		age from map	early Miocene Saucesian Stage
25799	Tierra Redonda Mtn	23262	B	S of Pleyto	252-D		age from map	early Miocene Saucesian Stage
25800	Tierra Redonda Mtn	23262	C	S of Pleyto	252-E		age from map	early Miocene Saucesian Stage
25801	Tierra Redonda Mtn	23263	C	S of Pleyto	252-E		age from map	early Miocene
25802	Cosio Knob	23271	A	NW part of quad	252-D	King City 15'		middle Miocene
25803	Cosio Knob	23271	B	NW part of quad	252-D	King City 15'		middle Miocene
25804	Cosio Knob	23272	A	NE of Cosio Knob	252-E	King City 15'	age from map	early Miocene Saucesian Stage
25805	Cosio Knob	23272	B	NE of Cosio Knob	252-E	King City 15'	age from map	early Miocene Saucesian Stage
25806	Cosio Knob	23272	C	NE of Cosio Knob	252-E	King City 15'	age from map	early Miocene Saucesian Stage
25807	Bryson	23275	A	Smith Ranch	252-E		abun planktics	early Miocene lower Relizian Stage
25808	Bryson	23275	B	Smith Ranch	252-E		abun planktics	early Miocene Relizian Stage
25809	Bryson	23275	D	Smith Ranch	252-E		age from map	early Miocene Relizian Stage
25810	Bryson	23275	E	Smith Ranch	252-E		age from map	early Miocene Relizian Stage
25811	Bryson	23275	F	Smith Ranch	252-E		age from map	middle Miocene Luisian Stage
25812	Bryson	23276	E	E of Smith Ranch	252-E		age from map	early Miocene Saucesian Stage
25813	Bryson	23276	F	E of Smith Ranch	252-E		age from map	early Miocene Saucesian Stage
25814	Bryson	23276	G	E of Smith Ranch	252-E		age from map	early Miocene Saucesian Stage
25815	Bryson	23276	H	E of Smith Ranch	252-E		age from map	early Miocene Saucesian Stage
25816	Bryson	23276	I	E of Smith Ranch	252-E		age from map	middle Miocene
25817	Bryson	23276	J	E of Smith Ranch	252-E		age from map	early Miocene Relizian Stage
25818	Bryson	23276	K	E of Smith Ranch	252-E		age from map	middle Miocene
25819	Bryson	23276	M	E of Smith Ranch	252-E		age from map	middle Miocene
25820	Hames Valley	23279		SW corner of quad	252-E		age from map	middle Miocene
25821	Adelaida	23280	A	Chimney Rock	252-E	Adelaida 15'		early Miocene Relizian Stage
25822	Adelaida	23280	B	Chimney Rock	252-E	Adelaida 15'		early Miocene Relizian Stage
25823	Tierra Redonda Mtn	23282	B	Sulphur Canyon	252-E		age from map	middle Miocene
25824	Tierra Redonda Mtn	23283		SE of Bee Rock	252-E		age from map	early Miocene Saucesian Stage
25825	Tierra Redonda Mtn	23285		SE of Pleyto	252-E		age from map	early Miocene Relizian Stage
25826	Tierra Redonda Mtn	23286		East of Bee Rock	252-E			early Miocene Relizian Stage
25827	Tierra Redonda Mtn	23286	A	East of Bee Rock	252-F			early Miocene lower Relizian Stage
25828	Tierra Redonda Mtn	23286	A-RW	East of Bee Rock	252-F			early Miocene lower Relizian Stage
25829	Tierra Redonda Mtn	23286	B	East of Bee Rock	252-F			early Miocene lower Relizian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
25830	Tierra Redonda Mtn	23286	B-RW	East of Bee Rock	252-F			early Miocene lower Relizian Stage
25831	Tierra Redonda Mtn	23286	C	East of Bee Rock	252-F			early Miocene lower Relizian Stage
25832	Tierra Redonda Mtn	23286	D	East of Bee Rock	252-F			early Miocene lower Relizian Stage
25833	Tierra Redonda Mtn	23286	D-RW	East of Bee Rock	252-F			early Miocene lower Relizian Stage
25834	Tierra Redonda Mtn	23287	A	SE of Pleyto	252-F		has NP	early Miocene Relizian Stage
25835	Tierra Redonda Mtn	23287	A-RW	SE of Pleyto	252-F			early Miocene Relizian Stage
25836	Tierra Redonda Mtn	23287	B	SE of Pleyto	252-F			early Miocene Relizian Stage
25837	Tierra Redonda Mtn	23287	C	SE of Pleyto	252-F			early Miocene Relizian Stage
25838	Alder Peak	23291	A	NE corner quad	252-F	Cp San Martin 15'		middle and late Miocene Mohnian Stage
25839	Alder Peak	23291	B	NE corner quad	252-F	Cp San Martin 15'	abun planktics	middle Miocene Luisian Stage
25840	Alder Peak	23291	C	NE corner quad	252-F	Cp San Martin 15'	abun planktics	middle Miocene Luisian Stage
25841	Jolon	23293	A	Lugo Canyon area	252-F	Bryson 15'	age from map	middle Miocene Luisian Stage
25842	Jolon	23293	B	Lugo Canyon area	252-F	Bryson 15'	age from map	middle Miocene Luisian Stage
25843	Jolon	23293	C	Lugo Canyon area	252-F	Bryson 15'	age from map	probably middle and late Miocene Mohnian Stage
25844	Jolon	23293	D	Lugo Canyon area	252-F	Bryson 15'	age from map	middle and late Miocene lower Mohnian Stage
25845	Jolon	23293	E	Lugo Canyon area	252-F	Bryson 15'	age from map	middle and late Miocene lower Mohnian Stage
25846	Jolon	23293	G	Lugo Canyon area	252-F	Bryson 15'	age from map	middle and late Miocene lower Mohnian Stage
25847	Jolon	23293	H	Lugo Canyon area	252-F	Bryson 15'	age from map	middle and late Miocene lower Mohnian Stage
25848	Jolon	23293	J	Lugo Canyon area	252-F	Bryson 15'	age from map	middle Miocene Luisian Stage
25849	Jolon	23295	A	China Gulch	252-F	Bryson 15'	age from map	middle and late Miocene Mohnian Stage
25850	Jolon	23295	B	China Gulch	252-F	Bryson 15'	age from map	middle and late Miocene Mohnian Stage
25851	Jolon	23296		China Gulch	252-F	Bryson 15'	age from map	middle Miocene
25852	Jolon	23297	E	El Piojo Creek	252-F	Bryson 15'	age from map	early Miocene Relizian Stage
25853	Jolon	23297	F	El Piojo Creek	252-F	Bryson 15'	age from map	early Miocene Relizian Stage
25854	Jolon	23297	G	El Piojo Creek	252-F	Bryson 15'	age from map	early Miocene Relizian Stage
25855	Wilson Corner	23301		NW corner quad	180-A	Pozo 15'		middle Miocene Luisian Stage
25856	Wilson Corner	23302		NW corner quad	180-A	Pozo 15'		middle Miocene Luisian Stage
25857	Wilson Corner	23303		NW corner quad	180-A	Pozo 15'		middle Miocene Luisian Stage
25858	Wilson Corner	23304		NW corner quad	180-A	Pozo 15'		middle Miocene Luisian Stage
25859	Wilson Corner	23305		NW corner quad	180-A	Pozo 15'	contaminated?	mixed Miocene
25860	Wilson Corner	23306		NW corner quad	180-A	Pozo 15'		middle Miocene Luisian Stage
25861	Wilson Corner	23307		NW corner quad	180-A	Pozo 15'		middle Miocene Luisian Stage
25862	Wilson Corner	23314		S of Wilson Corner	180-A	Pozo 15'		early Miocene Relizian Stage
25863	Junipero Serra Peak	23350	A	Arroyo Seco	252-F	Junipero Serra 15'	abun planktics	early Miocene Relizian Stage
25864	Junipero Serra Peak	23350	B	Arroyo Seco	252-F	Junipero Serra 15'		early Miocene Relizian Stage
25865	Junipero Serra Peak	23350	C	Arroyo Seco	252-F	Junipero Serra 15'	abun planktics	early Miocene Relizian Stage
25866	Junipero Serra Peak	23354	B	Arroyo Seco	252-F	Junipero Serra 15'		early Miocene Relizian Stage
25867	Junipero Serra Peak	23354	C	Arroyo Seco	252-F	Junipero Serra 15'	planktics com	early Miocene Relizian Stage
25868	Junipero Serra Peak	23361	A	Arroyo Seco	252-G	Junipero Serra 15'		no age provided
25869	Junipero Serra Peak	23361	B	Arroyo Seco	252-G	Junipero Serra 15'		middle Miocene
25870	Junipero Serra Peak	23361	E	Arroyo Seco	252-G	Junipero Serra 15'		middle Miocene
25871	Junipero Serra Peak	23361	F	Arroyo Seco	252-F	Junipero Serra 15'	abun planktics	Relizian Stage
25872	Junipero Serra Peak	23362	B	Horse Canyon	252-G	Junipero Serra 15'		early Miocene
25873	Junipero Serra Peak	23362	C	Horse Canyon	252-G	Junipero Serra 15'		middle Miocene
25874	Junipero Serra Peak	23362	D	Horse Canyon	252-G	Junipero Serra 15'		middle Miocene
25875	Junipero Serra Peak	23362	E	Horse Canyon	252-G	Junipero Serra 15'	abun planktics	middle Miocene Luisian Stage
25876	Junipero Serra Peak	23362	G	Horse Canyon	252-G	Junipero Serra 15'		early Miocene Relizian Stage
25877	Junipero Serra Peak	23363	A	Arroyo Seco	252-G	Junipero Serra 15'		late Miocene
25878	Junipero Serra Peak	23363	B	Arroyo Seco	252-G	Junipero Serra 15'		early Miocene Relizian Stage
25879	Reliz Canyon	23364	A	Reliz Canyon	252-G	Junipero Serra 15'		late Miocene
25880	Reliz Canyon	23364	B	Reliz Canyon	252-G	Junipero Serra 15'		late Miocene
25881	Reliz Canyon	23365	A	Reliz Canyon	252-G	Junipero Serra 15'		middle Miocene
25882	Reliz Canyon	23365	A-RW	Reliz Canyon	252-G	Junipero Serra 15'		middle Miocene
25883	Reliz Canyon	23365	B	Reliz Canyon	252-G	Junipero Serra 15'		early Miocene Relizian Stage
25884	Reliz Canyon	23365	B-RW	Reliz Canyon	252-G	Junipero Serra 15'		early Miocene Relizian Stage
25885	Reliz Canyon	23365	C	Reliz Canyon	252-G	Junipero Serra 15'		middle Miocene Luisian Stage
25886	Reliz Canyon	23365	D	Reliz Canyon	252-G	Junipero Serra 15'		middle and late Miocene Mohnian Stage
25887	Williams Hill	23367	A	San Antonio River	252-G	Bryson 15'		late? Miocene
25888	Bryson	23368	B	NC part of quad	no slide		age from map	late Miocene?
25889	Bryson	23368	C	NC part of quad	no slide		age from map	late Miocene?
25890	Williams Hill	23368	B	N of Hesperia Schl	252-G	Bryson 15'		late? Miocene
25891	Bear Canyon	23370	B	San Antonio River	252-G	not on map		middle and late Miocene Mohnian Stage
25892	Bear Canyon	23370	D	San Antonio River	252-G	not on map		middle and late Miocene Mohnian Stage
25893	Bear Canyon	23370	E	San Antonio River	252-G	not on map		middle and late Miocene Mohnian Stage
25894	Bear Canyon	23370	F	San Antonio River	252-G	not on map		middle Miocene Luisian Stage
25895	Alder Peak	23371	A	Stony Valley	252-G	Cp San Martin 15'	abun planktics	early Miocene Relizian Stage
25896	Alder Peak	23371	B	Stony Valley	252-G	Cp San Martin 15'		early Miocene Relizian Stage
25897	Alder Peak	23371	C	Stony Valley	252-G	Cp San Martin 15'	abun planktics	early Miocene Relizian Stage
25898	Alder Peak	23371	D	Stony Valley	252-G	Cp San Martin 15'	abun planktics	early Miocene Relizian Stage
25899	Alder Peak	23371	E	Stony Valley	252-G	Cp San Martin 15'	planktics com	early Miocene Relizian Stage
25900	Alder Peak	23375		NE part of quad	252-G	6/23S/7E (SLP)	has Siphogen	Miocene
25901	Cosio Knob?	23375		not on map	252-G	King City 15'		Miocene
25902	Cosio Knob	23376	E	Oak Hills	252-G	King City 15'		probably early Miocene Relizian Stage
25903	Cosio Knob	23376	F	Oak Hills	252-G	King City 15'		probably early Miocene Relizian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
25904	Cosio Knob	23377	A	NW part of quad	252-G	King City 15'	age from map	middle Miocene Luisian Stage
25905	Cosio Knob	23377	B	NW part of quad	252-G	King City 15'	age from map	early Miocene Relizian Stage
25906	Tierra Redondo Mtn	23378	C	Bee Rock Canyon	252-G			middle Miocene
25907	McKittrick Summit	23380	2	WC part of quad	no slide			early Miocene Saucesian or Relizian Stage
25908	Santiago Creek	23384	2	NE part of quad	87-G			late? Eocene
25909	Santiago Creek	23384	3A	NE part of quad	87-G			late? Eocene
25910	Santiago Creek	23384	3B	NE part of quad	87-G			late? Eocene
25911	Santiago Creek	23385	19	Muddy Creek	87-G			Oligocene lower Zemorrian
25912	Santiago Creek	23385	20	Muddy Creek	87-G			Oligocene lower Zemorrian
25913	Santiago Creek	23386	2	E of Muddy Creek	190-D		abun planktics	early Miocene lower Relizian Stage
25914	Santiago Creek	23386	4	E of Muddy Creek	190-D			early Miocene upper Saucesian Stage
25915	Santiago Creek	23386	5	E of Muddy Creek	190-D			early Miocene upper Saucesian Stage
25916	Santiago Creek	23386	6	E of Muddy Creek	190-D			early Miocene upper Saucesian Stage
25917	Santiago Creek	23386	7	E of Muddy Creek	190-D			early Miocene Saucesian Stage
25918	Santiago Creek	23386	8	E of Muddy Creek	190-D			early Miocene
25919	Santiago Creek	23386	9	E of Muddy Creek	190-D			early Miocene
25920	Eagle Rest Peak	23389	1	SE of S Emigdio Rn	184-N			Oligocene Zemorrian Stage
25921	Eagle Rest Peak	23389	2	SE of S Emigdio Rn	184-N			Oligocene Zemorrian Stage
25922	Eagle Rest Peak	23389	3	SE of S Emigdio Rn	184-N			Oligocene Zemorrian Stage
25923	Eagle Rest Peak?	23395	1	San Emigdio area	184-N	not on map		late Eocene
25924	Eagle Rest Peak?	23395	3	San Emigdio area	184-N	not on map		late Eocene
25925	Eagle Rest Peak?	23395	3A	San Emigdio area	184-N	not on map		late Eocene
25926	Eagle Rest Peak?	23395	3B	San Emigdio area	184-N	not on map		late Eocene
25927	Eagle Rest Peak?	23395	4	San Emigdio area	184-N	not on map		late Eocene
25928	Painted Rock	23399	A	NE of Painted Rock	44-D	Caliente Mtn 15'		Oligocene Zemorrian Stage
25929	Painted Rock	23399	B	NE of Painted Rock	44-D	Caliente Mtn 15'		Oligocene lower Zemorrian Stage
25930	McKittrick Summit	23451	B	25/29S/20E	28-N	Temblor Ck area	not on map	probably Miocene
25931	McKittrick Summit	23451	C	25/29S/20E	28-N	Temblor Ck area	not on map	probably Miocene
25932	McKittrick Summit	23451	H	25/29S/20E	28-N	Temblor Ck area	not on map	middle Miocene
25933	McKittrick Summit	23451	I	25/29S/20E	28-N	Temblor Ck area	not on map	middle Miocene
25934	Grapevine	23460		25/10N/20W	no slide	Have check list for	strat column	Eocene
25935	Santiago Creek	23501	1-7	Santiago Creek	no slide	strat column filed	in loc 11616	Oligocene Zemorrian Stage
25936	Santiago Creek	23502	2	Santiago Creek	190-B	see also NP slides	have strat	middle Eocene A-2 Zone
25937	Santiago Creek	23502	2-24	Santiago Creek	no slide			Eocene
25938	Santiago Creek	23503	1	Santiago Creek	190-C	Snedden Ranch	filed 11616	Eocene
25939	Santiago Creek	23503	2	Santiago Creek	190-C	Snedden Ranch		Eocene
25940	Santiago Creek	23503	3	Santiago Creek	190-C	strat column		Eocene
25941	Santiago Creek	23503	5	Santiago Creek	190-C	strat column		Eocene
25942	Santiago Creek	23503	32	Santiago Creek	190-C	strat column		Oligocene lower Zemorrian
25943	Santiago Creek	23503	33	Santiago Creek	190-C	strat column		Oligocene lower Zemorrian
25944	Santiago Creek	23503	39	Santiago Creek	190-C	strat column		Oligocene lower Zemorrian
25945	Santiago Creek	23503	41A	Santiago Creek	190-C	strat column		Oligocene lower Zemorrian
25946	Santiago Creek	23503	48	Santiago Creek	190-C	strat column		Oligocene lower Zemorrian
25947	Santiago Creek	23503	52C	Santiago Creek	190-C	strat column		Oligocene Zemorrian
25948	Santiago Creek	23503	52F	Santiago Creek	190-C	strat column		Oligocene Zemorrian
25949	Santiago Creek	23503	91C	Santiago Creek	190-C	strat column	has NP	Oligocene upper Zemorrian
25950	Santiago Creek	23503	91F	Santiago Creek	190-C	strat column	has NP	Oligocene upper Zemorrian
25951	Santiago Creek	23503	95C	Santiago Creek	190-C	strat column	has NP	early Miocene lower Saucesian Stage
25952	Santiago Creek	23503	95F	Santiago Creek	190-C	strat column	has NP	early Miocene lower Saucesian Stage
25953	Santiago Creek	23503	97	Santiago Creek	190-C	strat column		early Miocene lower Saucesian Stage
25954	Santiago Creek	23503	98	Santiago Creek	190-C	strat column		early Miocene lower Saucesian Stage
25955	Santiago Creek	23503	100	Santiago Creek	190-C	strat column		early Miocene lower Saucesian Stage
25956	Santiago Creek	23503	105	Santiago Creek	190-C	strat column		early Miocene lower Saucesian Stage
25957	Santiago Creek	23503	106	Santiago Creek	190-C	strat column		early Miocene lower Saucesian Stage
25958	Santiago Creek	23503	107	Santiago Creek	190-C	strat column		early Miocene lower Saucesian Stage
25959	Santiago Creek	23503	118	Santiago Creek	190-C	strat column		early Miocene lower Saucesian Stage
25960	Santiago Creek	23503	122	Santiago Creek	190-C	strat column	has NP	early Miocene lower Saucesian Stage
25961	Santiago Creek	23503	122A	Santiago Creek	190-C	strat column	has NP	early Miocene lower Saucesian Stage
25962	Santiago Creek	23503	122B	Santiago Creek	190-C	strat column	has NP	early Miocene lower Saucesian Stage
25963	Santiago Creek	23503	123	Santiago Creek	190-C	strat column		early Miocene lower Saucesian Stage
25964	Santiago Creek	23503	123	Santiago Creek	190-C	strat column		early Miocene lower Saucesian Stage
25965	Santiago Creek	23503	124	Santiago Creek	190-C	strat column		early Miocene lower Saucesian Stage
25966	Grapevine	23504	6	Grapevine Canyon	190-B	type Metralla but	faunas poor	possibly late Eocene
25967	Grapevine	23504	7	Grapevine Canyon	190-B	strat column	filed 11616	possibly late Eocene
25968	Grapevine	23504	8	Grapevine Canyon	190-B	strat column		possibly late Eocene
25969	Grapevine	23504	20	Grapevine Canyon	190-B	strat column		possibly late Eocene
25970	Grapevine	23504	24	Grapevine Canyon	190-B	strat column		possibly late Eocene
25971	Grapevine	23504	29	Grapevine Canyon	190-B	strat column		possibly late Eocene
25972	Grapevine	23504	31	Grapevine Canyon	190-B	strat column		possibly late Eocene
25973	Grapevine	23504	32	Grapevine Canyon	190-B	strat column		possibly late Eocene
25974	Grapevine	23504	33	Grapevine Canyon	190-B	strat column		possibly late Eocene
25975	Grapevine	23504	34	Grapevine Canyon	190-B	strat column		possibly late Eocene
25976	Grapevine	23504	37	Grapevine Canyon	190-B	strat column		possibly late Eocene
25977	Grapevine	23504	39A	Grapevine Canyon	190-B	strat column		possibly late Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
25978	Grapevine	23504	39B	Grapevine Canyon	190-B	strat column		possibly late Eocene
25979	Grapevine	23504	40A	Grapevine Canyon	190-B	strat column		possibly late Eocene
25980	Grapevine	23505	15	Grapevine Canyon	190-B	type Tejon but	faunas poor	probably middle Eocene A-2 Zone
25981	Grapevine	23505	18	Grapevine Canyon	190-B	Have strat column	filed 11616	probably middle Eocene A-2 Zone
25982	Pastoria Creek	23506	5	Liveoak Canyon	190-B	type Liveoak but	faunas poor	Eocene
25983	Pastoria Creek	23506	11	Liveoak Canyon	190-B	Have strat column	filed 11616	Eocene
25984	Pastoria Creek	23506	14	Liveoak Canyon	190-B			Eocene
25985	Pastoria Creek	23506	18	Liveoak Canyon	190-B			Eocene
25986	Eagle Rest Peak	23512	70	Seis vel hole C2	180-B	not on map		late Eocene
25987	Eagle Rest Peak	23512	100	San Emidio Cyn	180-B	not on map		late Eocene
25988	Eagle Rest Peak	23512	180	San Emidio Cyn	180-B	not on map		late Eocene
25989	Eagle Rest Peak	23514	100	Seis vel hole E	180-B	not on map		late Eocene
25990	Eagle Rest Peak	23514	200	San Emidio Cyn	180-B	not on map		late Eocene
25991	Eagle Rest Peak	23514	300	San Emidio Cyn	180-B	not on map		late Eocene
25992	Eagle Rest Peak	23514	400	San Emidio Cyn	180-B	not on map		late Eocene
25993	Eagle Rest Peak	23514	420	San Emidio Cyn	180-B	not on map		late Eocene
25994	Mindego Hill	23518	A	Peters Creek	74-D			Oligocene upper Zemorrian Stage
25995	Mindego Hill	23518	B	Peters Creek	74-D			Oligocene Zemorrian or early Miocene Saucesian Stage
25996	Mindego Hill	23518	C	Peters Creek	74-D			Oligocene Zemorrian or early Miocene Saucesian Stage
25997	Mindego Hill	23518	D	Peters Creek	74-D			Oligocene upper Zemorrian Stage
25998	Mindego Hill	23518	E	Peters Creek	74-D			Oligocene upper Zemorrian Stage
25999	Mindego Hill	23518	F	Peters Creek	74-D			Oligocene Zemorrian Stage
26000	Mindego Hill	23518	G	Peters Creek	74-D			Oligocene upper Zemorrian Stage
26001	Mindego Hill	23518	H	Peters Creek	74-D			Oligocene upper Zemorrian Stage
26002	Mindego Hill	23518	I	Peters Creek	74-D			Oligocene upper Zemorrian Stage
26003	Mindego Hill	23518	J	Peters Creek	74-D			Oligocene Zemorrian Stage
26004	Mindego Hill	23518	K	Peters Creek	74-D			Oligocene upper Zemorrian Stage
26005	Eagle Rest Peak	23519	160	Seis Vel hole J	180-B	S Emigdio Canyon	not on map	late Eocene
26006	Eagle Rest Peak	23519	200	Seis Vel hole J	180-B	S Emigdio Canyon	not on map	late Eocene
26007	Eagle Rest Peak	23519	240	Seis Vel hole J	180-B	S Emigdio Canyon	not on map	late Eocene
26008	Eagle Rest Peak	23519	255	Seis Vel hole J	180-B	S Emigdio Canyon	not on map	late Eocene
26009	Eagle Rest Peak	23519	300	Seis Vel hole J	180-B	S Emigdio Canyon	not on map	late Eocene
26010	Eagle Rest Peak	23519	400	Seis Vel hole J	180-B	S Emigdio Canyon	not on map	late Eocene
26011	Eagle Rest Peak	23521	25	Seis vel hole T	180-B	S Emigdio Canyon	not on map	late Eocene
26012	California Valley	23543		Anderson Canyon	175-F	La Panza 15'		middle Miocene Luisian Stage
26013	California Valley	23544	1	San Juan Creek	175-F	La Panza 15'		early Miocene Relizian Stage
26014	California Valley	23547	9	Anderson Canyon	175-F	La Panza 15'		probably early Miocene Saucesian or Relizian Stage
26015	California Valley	23547	12	Anderson Canyon	175-F	La Panza 15'		probably early Miocene Saucesian or Relizian Stage
26016	California Valley	23547	14	Anderson Canyon	175-F	La Panza 15'		probably early Miocene Saucesian or Relizian Stage
26017	California Valley	23547	18	Anderson Canyon	175-F	La Panza 15'		middle Miocene
26018	California Valley	23547	20	Anderson Canyon	175-F	La Panza 15'		possibly early Miocene Relizian Stage
26019	California Valley	23547	22	Anderson Canyon	175-F	La Panza 15'		possibly early Miocene Relizian Stage
26020	La Panza	23548	1	Hay Canyon	175-F	La Panza 15'		probably middle Miocene
26021	La Panza	23548	2	Hay Canyon	175-F	La Panza 15'		possibly early Miocene Relizian Stage
26022	La Panza	23551	A	Hay Canyon	175-F	La Panza 15'		early Miocene Saucesian Stage
26023	La Panza?	23554		not on map	175-F	La Panza 15'	rich fauna	middle Miocene
26024	La Panza	23555		Near La Panza	175-F	La Panza 15'		middle Miocene Luisian Stage
26025	La Panza	23556		Near La Panza	175-F	La Panza 15'		middle Miocene
26026	La Panza Ranch	23557		24/29S/16E	175-F	La Panza 15'	rich fauna	middle Miocene Luisian Stage
26027	La Panza	23558		Placer Creek	175-F	La Panza 15'		middle Miocene
26028	La Panza	23559		Placer Creek	175-F	La Panza 15'		middle Miocene Luisian Stage
26029	California Valley	23561	A	E of Freebom Mtn	175-F	La Panza 15'	new species	probably early Miocene
26030	California Valley	23563		E of Freebom Mtn	175-F	La Panza 15'		early Miocene
26031	La Panza	23565	1	Hay Canyon	175-F	La Panza 15'	abun planktics	early Miocene Saucesian Stage
26032	La Panza	23565	2	Hay Canyon	175-F	La Panza 15'	planktics com	early Miocene upper Saucesian Stage
26033	La Panza	23565	3	Hay Canyon	175-F	La Panza 15'	planktics com	early Miocene Saucesian or Relizian Stage
26034	La Panza	23565	4	Hay Canyon	175-F	La Panza 15'		early Miocene Saucesian or Relizian Stage
26035	La Panza	23565	5	Hay Canyon	175-F	La Panza 15'	abun planktics	early Miocene Saucesian or Relizian Stage
26036	La Panza	23565	6	Hay Canyon	175-F	La Panza 15'	abun planktics	early Miocene Saucesian or Relizian Stage
26037	La Panza	23565	7	Hay Canyon	175-F	La Panza 15'	abun planktics	early Miocene Saucesian or Relizian Stage
26038	La Panza	23566	2	Hay Canyon	175-F	La Panza 15'		middle Miocene
26039	California Valley	23567		not on map	no slide	La Panza 15'		middle Miocene
26040	California Valley	23569		SW of Freeborn Mt	175-F	La Panza 15'	abun planktics	middle Miocene Luisian Stage
26041	La Panza	23569		Hay Canyon	no slide	La Panza 15'		middle Miocene Luisian Stage
26042	California Valley	23570		E of Freebom Mtn	175-F	La Panza 15'		early Miocene Saucesian Stage
26043	California Valley	23573		S of Freeborn Mtn	175-F	La Panza 15'		early Miocene Saucesian Stage
26044	Templeton	23576		N of Atascadero	175-F	Paso Robles 15'		middle and late Miocene lower Mohnian Stage
26045	Templeton	23579		NE of Atascadero	175-G	Paso Robles 15'		middle Miocene
26046	Santa Margarita	23586		NW corner of quad	175-G	S Luis Obispo 15'		late Miocene
26047	Wilson Corner	23587	10	Indian Creek	175-G	29/28S/15E	not on map	possibly Oligocene Zemorrian
26048	Wilson Corner	23587	11	Indian Creek	175-G	29/28S/15E	not on map	possibly Oligocene Zemorrian
26049	Wilson Corner	23587	12	Indian Creek	175-G	29/28S/15E	not on map	early or middle Miocene
26050	Wilson Corner?	23588		Carrizzo on slide	175-G	Pozo 15'	not on map	early or middle Miocene Relizian or Luisian Stage
26051	Wilson Corner?	23589		Carrizzo on slide	175-G	Pozo 15'	not on map	middle Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
26052	Wilson Corner	23589		NE part quad	175-G	Pozo 15'		middle Miocene
26053	La Panza	23592		Beartrap Spring	175-G	La Panza 15'		early Miocene Saucesian Stage
26054	La Panza	23593		Beartrap Spring	175-G	La Panza 15'		early Miocene upper Saucesian Stage
26055	La Panza	23594	1A	Beartrap Spring	175-G	La Panza 15'		early Miocene Saucesian? Stage
26056	La Panza	23594	2	Beartrap Spring	175-G	La Panza 15'		early Miocene lower Relizian Stage
26057	La Panza	23594	5	Beartrap Spring	175-G	La Panza 15'		early Miocene lower Relizian Stage
26058	La Panza	23597		Willow Canyon	175-G	La Panza 15'		early Miocene lower Relizian Stage
26059	Benecia	23689	2A	WC part of quad	177-M	Carquinez 15'		Late Cretaceous G-2 Zone
26060	Ciervo Mountain	23699	A	NW part of quad	138-I	New Idria 15'	area H-3	Eocene
26061	Santiago Creek	23700	6	Upper Santiago Ck	none			middle and late Miocene upper Mohnian Stage
26062	Santiago Creek	23701	10	Santiago Creek	none	not on map		early Miocene lower Relizian Stage
26063	Santiago Creek	23701	13	Santiago Creek	none	not on map		early Miocene Saucesian or Relizian Stage
26064	Eagle Rest Peak	23702	3	Los Lobos Creek	none	not on map	area K-14	late Eocene
26065	Eagle Rest Peak	23702	4	Los Lobos Creek	none	not on map		late Eocene
26066	Eagle Rest Peak	23702	5	Los Lobos Creek	none	not on map		late Eocene
26067	Santiago Creek	23704	7	SW part of quad	none	Snedden Ranch		early Miocene
26068	Santiago Creek	23704	9	SW part of quad	none	Snedden Ranch		Oligocene lower Zemorrian
26069	Santiago Creek	23704	11	SW part of quad	none	Snedden Ranch		Eocene
26070	Santiago Creek	23705	2	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene
26071	Santiago Creek	23705	3	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene
26072	Santiago Creek	23705	4	SE part of quad	220-E	Santiago Plateau		Eocene
26073	Santiago Creek	23705	5	SE part of quad	220-E	Santiago Plateau		Eocene
26074	Santiago Creek	23705	6	SE part of quad	220-E	Santiago Plateau		Eocene
26075	Santiago Creek	23705	7	SE part of quad	220-E	Santiago Plateau		Eocene
26076	Santiago Creek	23705	8	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene
26077	Santiago Creek	23705	9	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene
26078	Santiago Creek	23705	10	SE part of quad	220-E	Santiago Plateau		Eocene
26079	Santiago Creek	23705	11	SE part of quad	220-E	Santiago Plateau		Eocene
26080	Santiago Creek	23705	12	SE part of quad	220-E	Santiago Plateau		Eocene
26081	Santiago Creek	23705	14	SE part of quad	220-E	Santiago Plateau		Eocene
26082	Santiago Creek	23705	15	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene
26083	Santiago Creek	23705	16	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene
26084	Santiago Creek	23705	17	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene
26085	Santiago Creek	23705	18	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene
26086	Santiago Creek	23706	1	SE part of quad	220-E	Santiago Plateau		Eocene
26087	Santiago Creek	23706	2	SE part of quad	220-E	Santiago Plateau		Eocene
26088	Santiago Creek	23706	3	SE part of quad	220-E	Santiago Plateau		Eocene
26089	Santiago Creek	23706	4	SE part of quad	220-E	Santiago Plateau		Eocene
26090	Santiago Creek	23706	7	SE part of quad	220-E	Santiago Plateau		Eocene
26091	Santiago Creek	23706	8	SE part of quad	220-E	Santiago Plateau		Eocene
26092	Santiago Creek	23706	11	SE part of quad	220-E	Santiago Plateau		Eocene
26093	Santiago Creek	23707	3	center of quad	180-F			Oligocene Zemorrian? Stage
26094	Tejon Hills	23715		Comanche Creek	220-A			middle and late Miocene lower Mohnian Stage
26095	Eagle Rest Peak	23717	2	NW part of quad	188-N			late Eocene
26096	Eagle Rest Peak	23717	2A	NW part of quad	188-N		reworked	mixed Eocene, Miocene and Pliocene foraminifers
26097	Eagle Rest Peak	23717	2B	NW part of quad	188-N		reworked	mixed Eocene, Miocene and Pliocene foraminifers
26098	Eagle Rest Peak	23717	3	NW part of quad	188-N			late Eocene
26099	Eagle Rest Peak	23718	1	NE part of quad	none		age from cast	early or middle Miocene
26100	Eagle Rest Peak	23718	4	NW part of quad	188-N			early Miocene Saucesian Stage
26101	Eagle Rest Peak	23718	7	NW part of quad	188-N			Pliocene?
26102	Eagle Rest Peak	23718	8	NW part of quad	188-N			Pliocene?
26103	Eagle Rest Peak	23718	9	NW part of quad	188-N			Pliocene?
26104	Santiago Creek	23718	2	NE part of quad	188-N			early Miocene Saucesian Stage
26105	Santiago Creek	23719	1	NE part of quad	188-N			early Miocene
26106	Santiago Creek	23721	1	NE part of quad	188-N			possibly late Eocene
26107	Santiago Creek	23721	2	NE part of quad	188-N			possibly late Eocene
26108	Santiago Creek	23721	3	NE part of quad	188-N			possibly late Eocene
26109	Santiago Creek	23721	4	NE part of quad	188-N			possibly late Eocene
26110	Santiago Creek	23721	5	NE part of quad	188-N			possibly late Eocene
26111	Santiago Creek	23721	6	NE part of quad	188-N			possibly late Eocene
26112	Santiago Creek	23721	7	NE part of quad	188-N			possibly late Eocene
26113	Santiago Creek	23723		Muddy Creek	188-N	Discocyclina plus	other forams	middle? Eocene
26114	Santiago Creek	23724	1	Muddy Creek	188-N			Eocene
26115	Santiago Creek	23724	2	Muddy Creek	188-N			Eocene
26116	Santiago Creek	23724	3	Muddy Creek	188-N			Eocene
26117	Santiago Creek	23724	4	Muddy Creek	188-N			Eocene
26118	Santiago Creek	23724	5	Muddy Creek	188-N			Eocene
26119	Santiago Creek	23724	6	Muddy Creek	188-N			Eocene
26120	Santiago Creek	23724	7	Muddy Creek	188-N			Eocene
26121	Santiago Creek	23724	8	Muddy Creek	188-N			Eocene
26122	Santiago Creek	23724	9	Muddy Creek	188-N			Eocene
26123	Santiago Creek	23724	10	Muddy Creek	188-N			Eocene
26124	Santiago Creek	23724	11	Muddy Creek	188-N			Eocene
26125	La Panza	23750		Willow Canyon	175-G	La Panza 15'		middle Miocene

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
26126	La Panza	23751		Willow Canyon	175-G	La Panza 15'		middle Miocene
26127	La Panza	23752		Willow Canyon	175-G	La Panza 15'		early Miocene Relizian Stage
26128	La Panza	23754		Willow Canyon	175-G	La Panza 15'		early Miocene lower Relizian Stage
26129	La Panza	23755		Willow Canyon	175-G	La Panza 15'		middle Miocene
26130	California Valley	23761		N of Hubbard Hill	175-G	La Panza 15'		early Miocene Saucesian or Relizian Stage
26131	California Valley	23763	1	N of Hubbard Hill	175-G	La Panza 15'		early Miocene Saucesian Stage
26132	California Valley	23763	2	N of Hubbard Hill	175-G	La Panza 15'		early Miocene Saucesian or Relizian Stage
26133	California Valley	23763	3	N of Hubbard Hill	175-G	La Panza 15'		early Miocene Relizian Stage
26134	California Valley	23763	4	N of Hubbard Hill	175-G	La Panza 15'		early Miocene Saucesian or Relizian Stage
26135	Petrolia	23804	2	seis line JJ-5	177-L		21/2N/1E HBM	late Miocene or Pliocene
26136	Petrolia	23804	4	seis line JJ-5	177-L		21/2N/1E HBM	late Miocene or Pliocene
26137	Petrolia	23804	5	seis line JJ-5	177-L		21/2N/1E HBM	late Miocene or Pliocene
26138	Petrolia	23804	6	seis line JJ-5	177-L		21/2N/1E HBM	late Miocene or Pliocene
26139	Petrolia	23804	7	seis line JJ-5	177-L		21/2N/1E HBM	late Miocene or Pliocene
26140	Petrolia	23804	8	seis line JJ-5	177-L		21/2N/1E HBM	late Miocene or Pliocene
26141	Petrolia	23804	9	seis line JJ-5	177-L		21/2N/1E HBM	late Miocene or Pliocene
26142	Petrolia	23804	10	seis line JJ-5	177-L		21/2N/1E HBM	late Miocene or Pliocene
26143	Petrolia	23804	11	seis line JJ-5	177-L		21/2N/1E HBM	late Miocene or Pliocene
26144	Petrolia	23804	12	seis line JJ-5	177-L		21/2N/1E HBM	late Miocene or Pliocene
26145	Petrolia	23804	13	seis line JJ-5	177-L		21/2N/1E HBM	late Miocene or Pliocene
26146	Petrolia	23804	15	seis line JJ-5	177-L		21/2N/1E HBM	late Miocene or Pliocene
26147	Petrolia	23804	16	seis line JJ-5	177-L		21/2N/1E HBM	late Miocene or Pliocene
26148	Petrolia	23804	20	seis line JJ-5	177-L		21/2N/1E HBM	late Miocene or Pliocene
26149	Cosio Knob	23838	69	Line I-52	189-L	Quinado Canyon		middle and late Miocene upper Mohnian Stage
26150	Cosio Knob	23838	70	Line I-52	189-L	Quinado Canyon		middle and late Miocene upper Mohnian Stage
26151	Cosio Knob	23838	71	Line I-52	189-L	Quinado Canyon		middle and late Miocene upper Mohnian Stage
26152	Cosio Knob	23838	72	Line I-52	189-L	Quinado Canyon		middle and late Miocene upper Mohnian Stage
26153	Cosio Knob	23838	73	Line I-52	189-L	Quinado Canyon		middle and late Miocene upper Mohnian Stage
26154	Cosio Knob	23838	74	Line I-52	189-L	Quinado Canyon		middle and late Miocene upper Mohnian Stage
26155	Cosio Knob	23838	75	Line I-52	189-L	Quinado Canyon		middle and late Miocene upper Mohnian Stage
26156	Cosio Knob	23838	76	Line I-52	189-L	Quinado Canyon		middle and late Miocene upper Mohnian Stage
26157	Cosio Knob	23838	77	Line I-52	189-L	Quinado Canyon		middle and late Miocene upper Mohnian Stage
26158	Cosio Knob	23838	78	Line I-52	189-L	Quinado Canyon		middle and late Miocene upper Mohnian Stage
26159	Cosio Knob	23838	79	Line I-52	189-L	Quinado Canyon		middle and late Miocene upper Mohnian Stage
26160	Cosio Knob	23838	80	Line I-52	189-L	Quinado Canyon		middle and late Miocene upper Mohnian Stage
26161	Cosio Knob	23838	81	Line I-52	189-L	Quinado Canyon		middle and late Miocene upper Mohnian Stage
26162	Cosio Knob	23838	82	Line I-52	189-L	Quinado Canyon		middle and late Miocene upper Mohnian Stage
26163	Cosio Knob	23838	83	Line I-52	189-L	Quinado Canyon		middle and late Miocene upper Mohnian Stage
26164	Cosio Knob	23838	84	Line I-52	189-L	Quinado Canyon		middle and late Miocene upper Mohnian Stage
26165	Cosio Knob	23838	85	Line I-52	189-L	Quinado Canyon		middle and late Miocene upper Mohnian Stage
26166	Cosio Knob	23838	86	Line I-52	189-L	Quinado Canyon		middle and late Miocene upper Mohnian Stage
26167	Cosio Knob	23838	87	Line I-52	189-L	Quinado Canyon		middle and late Miocene upper Mohnian Stage
26168	Cosio Knob	23838	88	Line I-52	189-L	Jolon Road		middle and late Miocene upper Mohnian Stage
26169	Cosio Knob	23838	89	Line I-52	189-L	Jolon Road		middle and late Miocene lower Mohnian Stage
26170	Cosio Knob	23838	90	Line I-52	189-L	Jolon Road		middle and late Miocene lower Mohnian Stage
26171	Cosio Knob	23838	91	Line I-52	189-L	Jolon Road		middle and late Miocene lower Mohnian Stage
26172	Cosio Knob	23838	92	Line I-52	189-L	Jolon Road		middle and late Miocene lower Mohnian Stage
26173	Cosio Knob	23838	93	Line I-52	189-L	Jolon Road		middle and late Miocene lower Mohnian Stage
26174	Cosio Knob	23838	94	Line I-52	189-L	Jolon Road		middle and late Miocene lower Mohnian Stage
26175	Cosio Knob	23838	95	Line I-52	189-L	Jolon Road		middle and late Miocene lower Mohnian Stage
26176	Cosio Knob	23838	96	Line I-52	189-L	Jolon Road		middle and late Miocene lower Mohnian Stage
26177	Cosio Knob	23838	97	Line I-52	189-L	Jolon Road		middle and late Miocene upper? Mohnian Stage
26178	Cosio Knob	23838	98	Line I-52	189-L	Jolon Road		middle and late Miocene upper? Mohnian Stage
26179	Cosio Knob	23838	99	Line I-52	189-L	Jolon Road		middle and late Miocene upper? Mohnian Stage
26180	Cosio Knob	23838	100	Line I-52	189-L	Jolon Road		middle and late Miocene upper? Mohnian Stage
26181	Cosio Knob	23838	101	Line I-52	189-L	Jolon Road		middle and late Miocene upper? Mohnian Stage
26182	Cosio Knob	23838	102	Line I-52	189-L	Jolon Road		middle and late Miocene upper? Mohnian Stage
26183	Cosio Knob	23838	103	Line I-52	189-L	Jolon Road		middle and late Miocene upper? Mohnian Stage
26184	Cosio Knob	23838	104	Line I-52	189-L	Jolon Road		middle and late Miocene upper? Mohnian Stage
26185	Cosio Knob	23838	105	Line I-52	189-L	Jolon Road		middle and late Miocene upper? Mohnian Stage
26186	Cosio Knob	23838	106	Line I-52	189-L	Jolon Road		middle and late Miocene upper? Mohnian Stage
26187	Cosio Knob	23838	107	Line I-52	189-L	Jolon Road		Pliocene or Pleistocene Paso Robles Formation
26188	Cosio Knob	23838	108	Line I-52	189-L	Jolon Road		Pliocene or Pleistocene Paso Robles Formation
26189	Cosio Knob	23838	109	Line I-52	189-L	Jolon Road		Pliocene or Pleistocene Paso Robles Formation
26190	Cosio Knob	23838	110	Line I-52	189-L	Jolon Road		Pliocene or Pleistocene Paso Robles Formation
26191	Cosio Knob	23838	111	Line I-52	189-L	Jolon Road		Pliocene or Pleistocene Paso Robles Formation
26192	Cosio Knob	23838	112	Line I-52	189-L	Jolon Road		Pliocene or Pleistocene Paso Robles Formation
26193	Cosio Knob	23838	113	Line I-52	189-L	Jolon Road		Pliocene or Pleistocene Paso Robles Formation
26194	Cosio Knob	23838	114	Line I-52	189-L	Jolon Road		Pliocene or Pleistocene Paso Robles Formation
26195	Cosio Knob	23838	115	Line I-52	189-L	Jolon Road		Pliocene or Pleistocene Paso Robles Formation
26196	Cosio Knob	23838	116	Line I-52	189-L	Jolon Road		Pliocene or Pleistocene Paso Robles Formation
26197	Cosio Knob	23838	117	Line I-52	189-L	Jolon Road		Pliocene or Pleistocene Paso Robles Formation
26198	Cosio Knob	23838	tail	Line I-52	189-L	Jolon Road		Pliocene or Pleistocene Paso Robles Formation
26199	Espinosa Canyon	23838	34	Line I-52	189-L	NW corner of quad	not on map	middle and late Miocene upper Mohnian Stage

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
26200	Espinosa Canyon	23838	35	Line I-52	189-L	NW corner of quad	not on map	middle and late Miocene upper Mohnian Stage
26201	Espinosa Canyon	23838	36	Line I-52	189-L	NW corner of quad	not on map	middle and late Miocene upper Mohnian Stage
26202	Espinosa Canyon	23838	38	Line I-52	189-L	NW corner of quad	not on map	middle and late Miocene upper Mohnian Stage
26203	Espinosa Canyon	23838	39	Line I-52	189-L	NW corner of quad	not on map	middle and late Miocene upper Mohnian Stage
26204	Espinosa Canyon	23838	41	Line I-52	189-L	NW corner of quad	not on map	middle and late Miocene upper Mohnian Stage
26205	Espinosa Canyon	23838	42	Line I-52	189-L	NW corner of quad	not on map	middle and late Miocene upper Mohnian Stage
26206	Espinosa Canyon	23838	43	Line I-52	189-L	NW corner of quad	not on map	middle and late Miocene upper Mohnian Stage
26207	Espinosa Canyon	23838	44	Line I-52	189-L	NW corner of quad	not on map	middle and late Miocene upper Mohnian Stage
26208	San Lucas	23838	9	Line I-52	189-L		SW part quad	late Miocene Delmontian? Stage
26209	San Lucas	23838	10	Line I-52	189-L		SW part quad	late Miocene Delmontian? Stage
26210	San Lucas	23838	11	Line I-52	189-L		SW part quad	late Miocene Delmontian? Stage
26211	San Lucas	23838	12	Line I-52	189-L		SW part quad	late Miocene Delmontian? Stage
26212	San Lucas	23838	13	Line I-52	189-L		SW part quad	late Miocene Delmontian? Stage
26213	San Lucas	23838	14	Line I-52	189-L		SW part quad	late Miocene Delmontian? Stage
26214	San Lucas	23838	15	Line I-52	189-L		SW part quad	late Miocene Delmontian? Stage
26215	San Lucas	23838	16	Line I-52	189-L		SW part quad	late Miocene Delmontian? Stage
26216	San Lucas	23838	17	Line I-52	189-L		SW part quad	late Miocene Delmontian? Stage
26217	San Lucas	23838	18	Line I-52	189-L		SW part quad	late Miocene Delmontian? Stage
26218	San Lucas	23838	19	Line I-52	189-L		SW part quad	late Miocene Delmontian? Stage
26219	San Lucas	23838	20	Line I-52	189-L		SW part quad	late Miocene Delmontian? Stage
26220	San Lucas	23838	21	Line I-52	189-L		SW part quad	late Miocene Delmontian? Stage
26221	San Lucas	23838	22	Line I-52	189-L		SW part quad	late Miocene Delmontian? Stage
26222	San Lucas	23838	23	Line I-52	189-L		SW part quad	late Miocene Delmontian? Stage
26223	San Lucas	23838	24	Line I-52	189-L		SW part quad	late Miocene Delmontian? Stage
26224	San Lucas	23838	25	Line I-52	189-L		SW part quad	middle and late Miocene upper Mohnian Stage
26225	San Lucas	23838	26	Line I-52	189-L		SW part quad	middle and late Miocene upper Mohnian Stage
26226	San Lucas	23838	28	Line I-52	189-L		SW part quad	middle and late Miocene upper Mohnian Stage
26227	San Lucas	23838	29	Line I-52	189-L		SW part quad	middle and late Miocene upper Mohnian Stage
26228	San Lucas	23838	30	Line I-52	189-L		SW part quad	middle and late Miocene upper Mohnian Stage
26229	San Lucas	23838	31	Line I-52	189-L		SW part quad	middle and late Miocene upper Mohnian Stage
26230	San Lucas	23838	32	Line I-52	189-L		SW part quad	middle and late Miocene upper Mohnian Stage
26231	San Lucas	23838	33	Line I-52	189-L		SW part quad	middle and late Miocene upper Mohnian Stage
26232	Clifton Court Forebay	23921		WC part of quad	no slide		age from map	Late Cretaceous D-2 Zone
26233	Owl Creek	23925	1	Redwood House Rd	256-M	Iaqua Buttes 15'	age from map	Late Cretaceous
26234	Owl Creek	23925	2	Redwood House Rd	256-M	Iaqua Buttes 15'	age from map	Late Cretaceous
26235	Owl Creek	23925	3	Redwood House Rd	256-M	Iaqua Buttes 15'	age from map	Late Cretaceous
26236	Santiago Creek	23972	1	NW part of quad	none	Cienega anticline	age from map	early Miocene Saucesian Stage
26237	Santiago Creek	23972	2	NW part of quad	none	Cienega anticline	age from map	early Miocene Saucesian Stage
26238	Santiago Creek	23972	3	NW part of quad	none	Cienega anticline	age from map	early Miocene Saucesian Stage
26239	Santiago Creek	23972	7	NW part of quad	none	Cienega anticline	age from map	early Miocene Saucesian Stage
26240	Caliente Mountain	23975	1	Cuyama Valley	189-H	Caliente Mtn 15'		middle Miocene Luisian Stage
26241	Caliente Mountain	23975	3	Cuyama Valley	189-H	Caliente Mtn 15'		middle Miocene Luisian Stage
26242	San Gregorio	24051	2	Pescadero Beach	99-F	5/8S/5W (SLP)	age on pollen	Late Cretaceous or Paleocene
26243	Pigeon Point	24061		Bolsa Point	no slide		pollen age	Late Cretaceous Campanian? Stage
26244	Pigeon Point	24062	1	at Pigeon Point	99-F	24/9S/5W (SLP)	pollen age	Late Cretaceous
26245	Franklin Point	24063		SW coastal area	no slide			Late Cretaceous spores or pollen
26246	Pigeon Point	24063		not on map	no slide		pollen age	Late Cretaceous
26247	La Honda	24065	1	Bloomquist Creek	99-F	4/8S/4W (SLP)		early Eocene
26248	Half Moon Bay	24070		Martins Beach	99-F	27/6S/5W (SLP)		Pliocene
26249	Big Basin	24079	2	center of quad	99-F			Oligocene Zemorrian Stage
26250	Castle Rock Ridge	24080		Kings Creek	99-F			Oligocene lower Zemorrian Stage
26251	Castle Rock Ridge	24081		Kings Creek	99-F			late Eocene or Oligocene Refugian or Zemorrian Stage
26252	Castle Rock Ridge	24082		Kings Creek	99-F			Oligocene Zemorrian Stage
26253	Morro Bay South?	24083	A	slide says Carrizo	99-F		not on map	middle Miocene
26254	Morro Bay South?	24083	B	slide says Carrizo	99-F		not on map	early Miocene Relizian Stage
26255	Morro Bay South	24084	1	along SW Coast	99-F	Cayucos 15'		middle and late Miocene Mohnian Stage
26256	Morro Bay South	24084	2	along SW Coast	99-F	Cayucos 15'	also has NP	middle and late Miocene Mohnian Stage
26257	Morro Bay South	24084	5	along SW Coast	99-F	Cayucos 15'	also has NP	middle and late Miocene Mohnian Stage
26258	Morro Bay South	24084	7	along SW Coast	99-F	Cayucos 15'	also has NP	middle and late Miocene Mohnian? Stage
26259	Morro Bay South	24084	9	along SW Coast	99-F	Cayucos 15'		middle and late Miocene Mohnian? Stage
26260	Morro Bay South	24084	10	along SW Coast	99-F	Cayucos 15'		middle and late Miocene Mohnian? Stage
26261	Morro Bay South	24084	20	along SW Coast	99-F	Cayucos 15'		middle and late Miocene Mohnian? Stage
26262	Morro Bay South	24084	21	along SW Coast	99-F	Cayucos 15'	also has NP	middle and late Miocene lower? Mohnian Stage
26263	Morro Bay South	24084	22	along SW Coast	99-F	Cayucos 15'		middle and late Miocene lower Mohnian Stage
26264	Morro Bay South	24084	23	along SW Coast	99-F	Cayucos 15'		middle and late Miocene lower Mohnian Stage
26265	Port San Luis	24084	26	NW part of quad	99-F			middle and late Miocene lower Mohnian? Stage
26266	Port San Luis	24084	29	NW part of quad	99-F			middle and late Miocene lower Mohnian? Stage
26267	Port San Luis	24084	30	NW part of quad	99-F		also has NP	middle Miocene Luisian Stage
26268	Port San Luis	24085		NW part of quad	99-F			middle Miocene Luisian Stage
26269	Morro Bay South	24086	1	Pt Buchon	99-G	see loc 5172 for	strat column	Miocene or Pliocene
26270	Cone Peak	24087	4	Indians area	99-G			middle and late Miocene lower Mohnian Stage
26271	Cone Peak	24087	5	Indians area	99-G			middle and late Miocene lower Mohnian Stage
26272	Cone Peak	24087	6	Indians area	99-G			middle and late Miocene lower Mohnian Stage
26273	Cone Peak	24087	7	Indians area	99-G		also has NP	middle Miocene Luisian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
26274	Cone Peak	24087	8	Indians area	99-G		also has NP	middle Miocene Luisian Stage
26275	Cone Peak	24087	9	Indians area	99-G		also has NP	middle Miocene Luisian Stage
26276	Cone Peak	24088	6	NW part of quad	99-G			Late Cretaceous or Paleocene
26277	Cone Peak	24088	9	NW part of quad	99-G			Late Cretaceous arenaceous foraminifers
26278	Cone Peak	24088	12	NW part of quad	99-G			Late Cretaceous or Paleocene
26279	Cone Peak	24088	13	NW part of quad	99-G			Late Cretaceous or Paleocene
26280	Cone Peak	24088	14	NW part of quad	99-G		pollen age	Late Cretaceous Campanian Stage or younger
26281	Cone Peak	24089	7	Indians area	99-G		pollen age	Late Cretaceous Campanian Stage or younger
26282	Cone Peak	24089	10	Indians area	99-G			probably Eocene
26283	Cone Peak	24089	11	Indians area	99-G			probably Eocene
26284	San Simeon	24090	8	San Simeon Point	99-G			middle and late Miocene Mohnian Stage
26285	San Simeon	24090	10	San Simeon Point	99-G			late Miocene
26286	San Simeon	24090	12	San Simeon Point	99-G			late Miocene
26287	San Simeon	24090	13	San Simeon Point	99-G			late Miocene
26288	Point Arena	24091	3	Arena Cove	99-G	Point Arena 15'		middle Miocene Luisian Stage
26289	Point Arena	24091	6	Arena Cove	99-G	Point Arena 15'		early or middle Miocene
26290	Point Arena	24092	1	Arena Cove	99-G	Point Arena 15'		middle Miocene
26291	Point Arena	24092	2	Arena Cove	99-G	Point Arena 15'		middle Miocene
26292	Point Arena	24092	3	Arena Cove	99-G	Point Arena 15'		middle Miocene Luisian Stage
26293	Point Arena	24094	4	Arena Cove	99-G	Point Arena 15'		early or middle Miocene
26294	Point Arena	24094	5	Arena Cove	99-G	Point Arena 15'		early or middle Miocene
26295	Point Arena	24094	6	Arena Cove	99-G	Point Arena 15'		possibly middle Miocene
26296	Fort Ross	24095	3	At Fort Ross	99-G			Late Cretaceous or Paleocene
26297	Fort Ross	24095	4	At Fort Ross	99-G			early or middle Eocene
26298	Fort Ross	24095	6	At Fort Ross	99-G			early or middle Eocene
26299	Bolinas	24280	7	In Bolinas	99-H			possibly Pliocene
26300	Bolinas	24280	11	In Bolinas	99-H			possibly late Miocene
26301	Bolinas	24280	13	In Bolinas	99-H			possibly Pliocene
26302	Bolinas	24280	14	In Bolinas	99-H			possibly Pliocene
26303	Bolinas	24280	15	In Bolinas	99-H			possibly late Miocene
26304	Cone Peak	24387	2	Rattlesnake Creek	99-G			late Miocene
26305	Cone Peak	24387	3	Indians area	99-G			late Miocene
26306	Fairfield South	24537		prob Potrero Hills	107-N	6/4N/1W (SLP)	SLURP age	Paleocene
26307	San Miguel Island West	24741	1	W end of Island	no slide		NP age	Late Cretaceous Turonian Stage
26308	San Miguel Island West	24741	2	W end of Island	no slide		NP age	Late Cretaceous Turonian Stage
26309	Bradley?	26918		Coalinga on slide	121-D		not on map	Cretaceous
26310	Bradley	26919		S Antonio River Rd	121-D			Cretaceous
26311	Coalinga?	26920		Coalinga on slide	121-D		not on map	Cretaceous
26312	Coalinga?	26921		Coalinga on slide	121-D		not on map	Cretaceous
26313	Coalinga?	26922		Coalinga on slide	121-D		not on map	Cretaceous
26314	Coalinga?	26923		Coalinga on slide	121-D		not on map	Cretaceous
26315	Coalinga?	26924		Coalinga on slide	121-D		not on map	Cretaceous
26316	Coalinga?	26925		Coalinga on slide	121-D		not on map	Cretaceous
26317	Coalinga?	26926		Coalinga on slide	121-D		not on map	Cretaceous
26318	Coalinga?	26927		Coalinga on slide	121-D		not on map	Cretaceous
26319	Coalinga?	26928		Coalinga on slide	121-D		not on map	Cretaceous
26320	Curry Mountain	26947	A	Warthan Canyon	101-L	Coalinga 15'	age on slide	Cretaceous arenaceous foraminifers
26321	Smith Mountain	26949	B-1	NE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous arenaceous foraminifers
26322	Smith Mountain	26949	B-2	NE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous arenaceous foraminifers
26323	Smith Mountain	26949	B-3	NE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous arenaceous foraminifers
26324	Sherman Peak	26950	B	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous arenaceous foraminifers
26325	Sherman Peak	26950	D	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous arenaceous foraminifers
26326	Sherman Peak	26950	E	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous arenaceous foraminifers
26327	Sherman Peak	26950	F	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous arenaceous foraminifers
26328	Sherman Peak	26950	H	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous arenaceous foraminifers
26329	Sherman Peak	26950	I	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous arenaceous foraminifers
26330	Sherman Peak	26951		SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous arenaceous foraminifers
26331	Sherman Peak	26952	A	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous arenaceous foraminifers
26332	Sherman Peak	26953		SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous arenaceous foraminifers
26333	Sherman Peak	26954		SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous arenaceous foraminifers
26334	Alcalde Hills	26956	B	NW part of quad	101-L	Coalinga 15'	age on slide	Cretaceous arenaceous foraminifers
26335	Priest Valley	26957	A	NW part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous arenaceous foraminifers
26336	Priest Valley	26957	B	NW part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous arenaceous foraminifers
26337	Priest Valley	26957	E	NW part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous arenaceous foraminifers
26338	San Miguel Island West	27743	7	W end of Island	no slide	strat column	NP age	Late Cretaceous Campanian Stage
26339	San Miguel Island West	27743	28	W end of Island	no slide		NP age	Late Cretaceous F-2 to G Zone
26340	San Miguel Island West	27743	etc	W end of Island	no slide	see strat column	for ages	determined by strat position and additional NP
26341	San Miguel Island West	27743	68	W end of Island	no slide		NP age	Late Cretaceous F to G-2 Zone
26342	San Miguel Island West	27744	1	Simonton Cove	93-B			Cretaceous? arenaceous foraminifers
26343	San Miguel Island West	27745	1	Green Mtn area	92-M			NP paleo but no ages
26344	Antioch South	28601		Marsh Creek Road	25-B	36/1N/1E (SLP)	SLURP age	Late Cretaceous H Zone
26345	Antioch South	28603		Deer Valley Road	25-B	32/1N/2E (SLP)	SLURP age	Late Cretaceous F Zone
26346	Antioch South	28605		Marsh Creek	25-B	32/1N/2E (SLP)	SLURP age	Late Cretaceous F Zone
26347	Brentwood	28607		SW corner of quad	25-B	2/1S/2E (SLP)	age from map	probably Late Cretaceous E Zone

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
26348	Brentwood	28608	1	SW corner of quad	25-B		age from map	probably Late Cretaceous E Zone
26349	Brentwood	28608	1A	SW corner of quad	25-B		age from map	probably Late Cretaceous E Zone
26350	Brentwood	28609		SW corner of quad	25-B		age from map	probably Late Cretaceous E Zone
26351	Brentwood	28610		SW corner of quad	25-B		age from map	probably Late Cretaceous E Zone
26352	Brentwood	28611		SW corner of quad	25-B		age from map	probably Late Cretaceous E Zone
26353	Brentwood	28612		SW corner of quad	25-B		age from map	probably Late Cretaceous E Zone
26354	Midway	28616		Central part of qd	25-B	8/3S/4E (SLP)	SLURP age	Cretaceous arenaceous foraminifers
26355	Midway	28617		Central part of qd	25-B	8/3S/4E (SLP)	SLURP age	Cretaceous arenaceous foraminifers
26356	Walnut Creek	28618		NW corner of quad	25-B	29/2N/2W (SLP)	SLURP age	Miocene
26357	Walnut Creek	28619	1A	NW corner of quad	25-B	29/2N/2W (SLP)	SLURP age	Miocene
26358	Walnut Creek	28620		NW corner of quad	25-B	29/2N/2W (SLP)	SLURP age	Miocene
26359	Cottonwood Peak	28722	10	NE part of quad	260-H	Hornbrook 15'		Late Cretaceous G-1 or F Zone
26360	Cottonwood Peak	28722	11	NE part of quad	260-H	Hornbrook 15'	NP age	Late Cretaceous Campanian to Maastrichtian NP
26361	Cottonwood Peak	28722	17	NE part of quad	260-H	Hornbrook 15'	has NP	Late Cretaceous G-1 Zone
26362	Bogus Mountain	28813		NW part of quad	no slide		age from map	Late Cretaceous G-1 Zone or younger
26363	Gaviota	30479	1	Gaviota Beach	128-G	see strat column	loc 30488	early Miocene Saucesian Stage
26364	Gaviota	30479	3	Gaviota Beach	128-G	strat column		early Miocene Saucesian Stage
26365	Gaviota	30479	4	Gaviota Beach	128-G	strat column		early Miocene Saucesian Stage
26366	Santa Barbara	30481	5	S Barbara Point	118-I	strat column		early Miocene Saucesian Stage
26367	Santa Barbara	30481	6	S Barbara Point	118-I	strat column		early Miocene Saucesian Stage
26368	Dos Pueblos Canyon	30484	8	Naples area	118-I	see strat column	loc 30488	early Miocene Saucesian Stage
26369	Santa Barbara	30485	4	S Barbara Point	118-I	strat column		early Miocene Saucesian Stage
26370	Santa Barbara	30485	7	S Barbara Point	118-I	strat column		early Miocene Saucesian Stage
26371	Santa Barbara	30485	8	S Barbara Point	118-I	strat column		early Miocene Saucesian Stage
26372	Santa Barbara	30485	9	S Barbara Point	118-I	strat column		early Miocene Saucesian Stage
26373	Santa Barbara	30485	10	S Barbara Point	118-I	strat column		early Miocene Saucesian Stage
26374	Santa Barbara	30485	11	S Barbara Point	118-I	strat column		early Miocene Saucesian Stage
26375	Santa Barbara	30485	12	S Barbara Point	118-I	strat column		early Miocene Saucesian Stage
26376	Santa Barbara	30485	14	S Barbara Point	118-I	strat column		early Miocene Saucesian Stage
26377	Santa Barbara	30485	16	S Barbara Point	118-I	strat column		early Miocene Saucesian Stage
26378	Santa Barbara	30485	17	S Barbara Point	118-I	strat column		early Miocene Saucesian Stage
26379	Gaviota	30486	1	Gaviota Beach	118-I	strat column		early Miocene Saucesian Stage
26380	Gaviota	30486	5	Gaviota Beach	118-I	strat column		early Miocene Relizian Stage
26381	Gaviota	30486	15	Gaviota Beach	118-I	strat column		middle and late Miocene upper Mohnian Stage
26382	Gaviota	30486	17	Gaviota Beach	118-I	strat column		middle and late Miocene upper Mohnian Stage
26383	Gaviota	30486	18	Gaviota Beach	118-J	strat column		middle and late Miocene upper Mohnian Stage
26384	Gaviota	30486	19	Gaviota Beach	118-J	strat column		middle and late Miocene upper Mohnian Stage
26385	Gaviota	30486	20	Gaviota Beach	118-J	strat column		middle and late Miocene upper Mohnian Stage
26386	Gaviota	30486	21	Gaviota Beach	128-G	strat column		middle and late Miocene upper Mohnian Stage
26387	Gaviota	30486	22A	Gaviota Beach	128-G	strat column		middle and late Miocene upper Mohnian Stage
26388	Santa Barbara	30487	1	SW part of quad	118-H	strat column	Ages from	middle Miocene
26389	Santa Barbara	30487	2	SW part of quad	118-H	strat column	paleo cards	middle Miocene
26390	Santa Barbara	30487	6A	SW part of quad	118-H	strat column	and Kleinpell	middle Miocene
26391	Santa Barbara	30487	8	SW part of quad	118-H	strat column		early or middle Miocene
26392	Santa Barbara	30487	9	SW part of quad	118-H	strat column		early or middle Miocene
26393	Santa Barbara	30487	10A	SW part of quad	118-H	strat column		early or middle Miocene
26394	Santa Barbara	30487	11	SW part of quad	118-H	strat column		early or middle Miocene
26395	Dos Pueblos Canyon	30488	1	Naples area	118-G	strat column		early Miocene Saucesian Stage
26396	Dos Pueblos Canyon	30488	3	Naples area	118-G	strat column	Ages from	early Miocene Saucesian Stage
26397	Dos Pueblos Canyon	30488	4A	Naples area	118-G	strat column	paleo cards	early Miocene Saucesian Stage
26398	Dos Pueblos Canyon	30488	11A	Naples area	118-G	strat column	and Kleinpell	early Miocene Saucesian Stage
26399	Dos Pueblos Canyon	30488	14	Naples area	118-G	strat column		early Miocene Saucesian Stage
26400	Dos Pueblos Canyon	30488	17	Naples area	118-G	strat column		early Miocene Saucesian Stage
26401	Dos Pueblos Canyon	30488	19	Naples area	118-G	strat column		early Miocene Saucesian Stage
26402	Dos Pueblos Canyon	30488	20A	Naples area	118-G	strat column		middle Miocene
26403	Dos Pueblos Canyon	30488	21	Naples area	118-G	strat column		middle Miocene
26404	Dos Pueblos Canyon	30488	22	Naples area	118-G	strat column		middle Miocene
26405	Tajiguas	30493	1	East of Capitan	118-H	strat column		early Miocene Saucesian Stage
26406	Tajiguas	30493	3	East of Capitan	118-H	strat column		early Miocene Saucesian Stage
26407	Tajiguas	30493	5	East of Capitan	118-H	strat column		early Miocene Saucesian Stage
26408	Tajiguas	30493	6	East of Capitan	118-I	strat column		early Miocene Saucesian Stage
26409	Tajiguas	30493	8	East of Capitan	118-I	strat column		early Miocene Relizian Stage
26410	Tajiguas	30493	9	East of Capitan	118-I	strat column		middle Miocene Luisian Stage
26411	Tajiguas	30493	10	East of Capitan	118-I	strat column		middle and late Miocene lower Mohnian Stage
26412	Tajiguas	30493	12	East of Capitan	118-I	strat column		middle and late Miocene lower Mohnian Stage
26413	Tajiguas	30493	14	East of Capitan	118-I	strat column		middle and late Miocene Mohnian Stage
26414	Tajiguas	30493	15	East of Capitan	118-I	strat column		middle and late Miocene Mohnian Stage
26415	Tajiguas	30493	16	East of Capitan	118-I	strat column		middle and late Miocene Mohnian Stage
26416	Tajiguas	30493	20	East of Capitan	118-I	strat column		middle and late Miocene Mohnian Stage
26417	Point Conception	30494	5	Wood Canyon	118-G	strat column		middle Miocene
26418	Point Conception	30494	6	Wood Canyon	118-G	strat column		middle Miocene
26419	Point Conception	30494	9	Wood Canyon	118-G	strat column		middle Miocene
26420	Point Conception	30494	11	Wood Canyon	118-G	strat column		middle Miocene
26421	Point Conception	30494	12	Wood Canyon	118-G	strat column		middle Miocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
26422	Point Conception	30494	13	Wood Canyon	118-G	strat column		middle Miocene
26423	Goleta	30495	1	Hope Ranch coast	128-H	strat column		middle and late Miocene Mohnian Stage
26424	Goleta	30495	5	Hope Ranch coast	128-H	strat column		middle and late Miocene Mohnian Stage
26425	Goleta	30495	7	Hope Ranch coast	128-H	strat column		middle and late Miocene Mohnian Stage
26426	Goleta	30495	10	Hope Ranch coast	128-H	strat column		middle and late Miocene Mohnian Stage
26427	Goleta	30495	11	Hope Ranch coast	128-H	strat column		middle and late Miocene Mohnian Stage
26428	Goleta	30495	13	Hope Ranch coast	128-H	strat column		middle and late Miocene Mohnian Stage
26429	Goleta	30495	14	Hope Ranch coast	128-H	strat column		middle and late Miocene Mohnian Stage
26430	Goleta	30495	15	Hope Ranch coast	128-H	strat column		middle and late Miocene Mohnian Stage
26431	Goleta	30495	16	Hope Ranch coast	128-H	strat column		middle and late Miocene Mohnian Stage
26432	Corona South	30931	1	Santa Ana Mtns	121-K	not on map	age from slide	Cretaceous
26433	Corona South	30931	2	Santa Ana Mtns	121-K	not on map	age from slide	Cretaceous
26434	Corona South	30932		Santa Ana Mtns	none	not on map	age from slide	Cretaceous
26435	Rancho Nuevo Creek	30961	1	SE part of quad	118-I			early or middle Miocene
26436	White Ledge Peak	30963	3	SW corner of quad	101-D		abun planktics	Miocene
26437	White Ledge Peak	30963	5	SW corner of quad	118-I		Ages from	probably early Miocene
26438	White Ledge Peak	30963	6	SW corner of quad	118-I		paleo cards	early Miocene Saucesian Stage
26439	Point Sal	30964	7	near Mussel Rock	118-I	strat column	and Kleinpell	early or middle Miocene
26440	Point Sal	30964	9	near Mussel Rock	118-I	strat column		middle Miocene
26441	Point Sal	30964	10	near Mussel Rock	118-I	strat column		middle Miocene
26442	Morro Bay South	30965	1	Pt Buchon	121-J	strat column	diatom age	late Pliocene
26443	Morro Bay South	30965	2	Pt Buchon	121-J	strat column	diatom age	late Pliocene
26444	Morro Bay South	30965	3	Pt Buchon	121-J	strat column	diatom age	late Pliocene
26445	Morro Bay South	30965	4	Pt Buchon	121-J	strat column	diatom age	late Pliocene
26446	Morro Bay South	30965	5	Pt Buchon	121-J	strat column	diatom age	late Pliocene
26447	Morro Bay South	30965	8	coastal area	121-J	strat column	foram age	middle and late Miocene Mohnian Stage
26448	Point Conception	30966	15	Wood Canyon	118-H			probably middle and late Miocene Mohnian Stage
26449	Fort Ross	30968		At Fort Ross	99-H			middle Miocene
26450	Plantation	30969	2	Along whole coast	99-H		pollen age	Eocene
26451	Plantation	30969	3	Along whole coast	99-H		pollen age	Eocene
26452	Plantation	30969	5	Along whole coast	99-H			Late Cretaceous or Paleocene
26453	Plantation	30969	8	Along whole coast	99-H		pollen age	middle Eocene
26454	Plantation	30969	12	Along whole coast	99-H			early Eocene
26455	Plantation	30969	19	Along whole coast	99-H		pollen age	early or middle Eocene
26456	Plantation	30969	21	Along whole coast	99-H		pollen age	Eocene
26457	Plantation	30969	23	Along whole coast	99-H			possibly Eocene
26458	Plantation	30969	25	Along whole coast	99-H			early Eocene
26459	Plantation	30969	27	Along whole coast	99-H			early Eocene
26460	Plantation	30969	28	Along whole coast	99-H			early Eocene
26461	Plantation	30969	30	Along whole coast	99-H			early Eocene
26462	Plantation	30969	34	Along whole coast	99-H		pollen age	early or middle Eocene
26463	Plantation	30969	37	Along whole coast	99-H			early Eocene
26464	Plantation	30969	43	Along whole coast	99-H			Paleocene or Eocene
26465	Plantation	30969	45	Along whole coast	99-H			Tertiary
26466	Stewarts Point	30970	2	Along the coast	99-H			early Eocene
26467	Stewarts Point	30970	6	Along the coast	99-H			possibly Eocene
26468	Stewarts Point	30970	10	Along the coast	99-H		pollen age	Late Cretaceous Campanian or Maastrichtian Stage
26469	Stewarts Point	30970	12	Along the coast	99-H			Late Cretaceous D or E Zones
26470	Stewarts Point	30970	14	Along the coast	99-H			Late Cretaceous E Zone
26471	Stewarts Point	30970	19	Along the coast	99-H			Cretaceous arenaceous foraminifers
26472	Stewarts Point	30970	20	Along the coast	99-H			Late Cretaceous D or E Zones
26473	Cambria	30971	2	Along the coast	99-H			Late Cretaceous arenaceous foraminifers
26474	Cambria	30972	1	Along the coast	99-H			Late Cretaceous arenaceous foraminifers
26475	Cambria	30974	2	Along the coast	99-H		pollen date	Late Cretaceous Campanian Stage or older
26476	Cypress Mountain	30981	1	SW of Cypress Mt	99-H	Adelaida 15'		middle Miocene Luisian? Stage
26477	Cypress Mountain	30981	2	SW of Cypress Mt	99-H	Adelaida 15'		middle Miocene
26478	Cypress Mountain	30981	3	SW of Cypress Mt	99-H	Adelaida 15'		middle Miocene
26479	Cypress Mountain	30981	4	SW of Cypress Mt	99-H	Adelaida 15'		early Miocene lower Saucesian Stage
26480	Cypress Mountain	30981	5	SW of Cypress Mt	99-H	Adelaida 15'		early Miocene Saucesian Stage
26481	Pismo Beach	30983	1	E of Avila Beach	99-H	Arroyo Grande 15'		middle Miocene
26482	Pismo Beach	30983	2	E of Avila Beach	99-H	Arroyo Grande 15'		early Miocene Relizian Stage
26483	Pismo Beach	30983	3	E of Avila Beach	99-H	Arroyo Grande 15'		early Miocene Relizian Stage
26484	Pismo Beach	30983	7	E of Avila Beach	99-H	Arroyo Grande 15'		middle and late Miocene Mohnian Stage
26485	Pismo Beach	30983	10	E of Avila Beach	99-H	Arroyo Grande 15'		middle and late Miocene lower Mohnian Stage
26486	Pismo Beach	30983	11	E of Avila Beach	99-H	Arroyo Grande 15'		middle and late Miocene lower Mohnian Stage
26487	Pismo Beach	30983	12	E of Avila Beach	99-H	Arroyo Grande 15'		late Miocene
26488	Port San Luis	30984		NE part quad	99-H			early Miocene upper Relizian Stage
26489	Morro Bay North	30989		center of quad	99-H	Cayucos 15'		early Miocene Relizian Stage
26490	Benecia	31216	1	Port Costa	no slide	not on map	NP age	Late Cretaceous Albian or Campanian Stage
26491	Benecia	31217	8	Port Costa	no slide	not on map	NP age	Late Cretaceous Albian or Cenomanian Stage
26492	Benecia	31229	2	Port Costa	no slide	not on map	NP age	Late Cretaceous Albian to Maastrichtian Stage
26493	Benecia	31229	3	Port Costa	no slide	not on map	NP age	Late Cretaceous Albian Stage
26494	Benecia	31229	4	Port Costa	no slide	not on map	NP age	Late Cretaceous Albian or Cenomanian Stage
26495	Benecia	31229	5	Port Costa	no slide	not on map	NP age	Late Cretaceous Albian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
26496	Point Arguello?	31374	3	not on map	no slide			middle or late Miocene
26497	Point Arguello?	31374	5	not on map	no slide			early or middle Miocene Relizian or Luisian Stage
26498	Point Arguello?	31374	8	not on map	no slide			middle Miocene Luisian Stage
26499	Point Arguello?	31374	9	not on map	no slide			early or middle Miocene Relizian or Luisian Stage
26500	Point Arguello?	31374	10	not on map	no slide			middle or late Miocene Luisian or Mohnian Stage
26501	Casmalia	31384	2	Lions Head area	no slide			middle Miocene Luisian Stage
26502	Casmalia	31384	3	Lions Head area	no slide			middle Miocene Luisian Stage
26503	Bolinas	31411	4	Duxbury Point	no slide	also have NP slide		middle and late Miocene Mohnian or Delmontian Stage
26504	Bolinas	31411	5	Duxbury Point	no slide	also have NP slide		middle and late Miocene Mohnian or Delmontian Stage
26505	Bolinas	31412	13	Bolinas Point	no slide	also have NP slide		middle or late Miocene Delmontian Stage
26506	Camp Meeker	31960		NW corner of quad	no slide		diatom date	late Miocene or Pliocene
26507	Duncan Mills	31960		vic Monte Rio	no slide	8/7N/10W	diatom age	early Miocene or younger
26508	Point Arena	31963	6	Arena Cove	no slide	Point Arena 15'		early Miocene Saucesian Stage
26509	San Rafael Mountain?	34355		Black Canyon	121-J	Monterey Fm	not on map	middle Miocene Luisian Stage
26510	Rumsey	35107		Sand Creek	130-B	not on map	age from slide	Late Cretaceous G-1 Zone
26511	Benecia	35148	1	Port Costa	no slide	not on map	NP age	Late Cretaceous Albian Stage or younger
26512	Benecia	35150		Port Costa	no slide	not on map	NP age	Late Cretaceous Albian to Maastrichtian Stage
26513	Bridgeville	35301		NW corner of quad	no slide	Weott 15'		Eocene
26514	Bridgeville	35302		NW corner of quad	no slide	Weott 15'		Eocene
26515	Bridgeville	35303		NW corner of quad	no slide	Weott 15'		Eocene
26516	Bridgeville	35304		NW corner of quad	no slide	Weott 15'		Eocene
26517	Bridgeville	35305		NW corner of quad	no slide	Weott 15'		Eocene
26518	Ferndale	35306		Centerville Beach	no slide	Ferndale 15'	diatom age	late Pliocene D. seminae v. fossilis Zone
26519	Ferndale	35309		Centerville Beach	no slide	Ferndale 15'		Pliocene
26520	Ferndale	35311		Centerville Beach	no slide	Ferndale 15'	diatom age	late Pliocene D. seminae v. fossilis Zone
26521	Ferndale	35312		Centerville Beach	no slide	Ferndale 15'		late Pliocene D. seminae v. fossilis Zone
26522	Ferndale	35316		Centerville Beach	no slide	Ferndale 15'		Miocene
26523	Ferndale	35317		Centerville Beach	no slide	Ferndale 15'		Pliocene
26524	Scotia	35319		in Scotia	no slide	Scotia 15'		Eocene?
26525	Scotia	35320		NW part of quad	no slide	Scotia 15'		Miocene
26526	Scotia	35321		in Scotia	no slide	Scotia 15'		Pliocene
26527	Point Arena	35325		Arena Cove	no slide	Point Arena 15'		Miocene
26528	Noble Butte	35428		SW corner of quad	no slide			Eocene
26529	Scotia	35431		in Scotia	no slide	Scotia 15'		Eocene?
26530	Saunders Reef	35438		W of Galloway Sch	no slide			Miocene
26531	Saunders Reef	35439		W of Galloway Sch	no slide			Miocene
26532	Briceland	35882	2	not on map	126-I	Garberville 15'		early Miocene Saucesian Stage
26533	Briceland	35882	4	not on map	126-I	Garberville 15'		early Miocene Saucesian Stage
26534	Briceland	35882	8	not on map	none	Garberville 15'	diatom age	middle Miocene Denticulopsis lauta "b" Zone
26535	Briceland	35882	10	not on map	none	Garberville 15'	diatom age	middle Miocene Denticulopsis lauta "b" Zone
26536	Briceland	35882	11	not on map	none	Garberville 15'	diatom age	middle Miocene Denticulopsis lauta "b" Zone
26537	Briceland	35882	12	not on map	none	Garberville 15'	diatom age	middle Miocene Denticulopsis lauta "b" Zone
26538	Bates Canyon	41927	35	SW part of quad	no slide			Late Cretaceous F Zone
26539	Bald Mountain	41928	305	Water Canyon	no slide			Late Cretaceous F Zone
26540	Manzanita Mountain	41929	10	Salsipuedes Canyon	no slide	Tepusquet Pk 15'	pollen age	Late Cretaceous
26541	Manzanita Mountain	41929	13	Salsipuedes Canyon	no slide	Tepusquet Pk 15'		Late Cretaceous arenaceous foraminifers
26542	Manzanita Mountain	41929	14	Salsipuedes Canyon	no slide	Tepusquet Pk 15'		Late Cretaceous arenaceous foraminifers
26543	Lake Cachuma	1-1A		center of quad	39-L	old S Ynez 124K		Miocene
26544	Lake Cachuma	1-1B		center of quad	39-L	old S Ynez 124K		Miocene
26545	Point Sal	1GA	33	N of Point Sal	60-M			middle and late Miocene Mohnian Stage
26546	Point Sal	1GA	35	Mussel Point area	60-M			early Miocene Relizian Stage
26547	Point Sal	1GA	36	Mussel Point area	60-M			middle and late Miocene Mohnian Stage
26548	Dana Point	47A		NW part of quad	24-A	old SJ Capist 62K		Pliocene
26549	Dana Point	47C		NW part of quad	24-A	old SJ Capist 62K		Pliocene
26550	Canoga Park	A1		SW part of quad	67-M	old Dry Canyon 24K		Delmontian
26551	Malibu Beach	A11		center of quad	44-M	old Solstice Cyn Q		Oligocene Zemorrian Stage
26552	Malibu Beach	A12		center of quad	44-M	old Solstice Cyn Q		Oligocene Zemorrian Stage
26553	Malibu Beach	A13		center of quad	44-M	old Solstice Cyn Q		early Miocene Saucesian Stage
26554	Sacate	A14		at Sacate	35-I	old Pt Conception	reworked	late Miocene
26555	Prado Dam	A16		SE corner of quad	39-N	old Corona 125K		middle and late Miocene Mohnian Stage
26556	Matilija	A-16		San Antonio Creek	74-A	old Ventura 62K		Oligocene Zemorrian Stage
26557	Sunland	A19		N of Sunland	none	old Sunland Quad		late Miocene
26558	Prado Dam	A25		SE corner of quad	37-C	old Corona 125K		Eocene or Paleocene
26559	Point Sal	A33		N of Pt Sal	60-M	Guadalupe 125K		middle and late Miocene Mohnian Stage
26560	Point Sal	A35		Mussel Rock	60-M	Guadalupe 125K		early Miocene Relizian Stage
26561	Point Sal	A36		Mussel Rock	60-M	Guadalupe 125K		middle and late Miocene Mohnian Stage
26562	Canoga Park	A4		SW part of quad	67-M	old Dry Canyon 24K		Delmontian
26563	Malibu Beach	A4		center of quad	44-M	old Solstice Cyn Q		Miocene
26564	San Dimas	A4		center of quad	31-N	old Covina 24K		middle Miocene Luisian Stage
26565	Corona South	A-4		NW corner of quad	39-N	old Corona 125K		middle and late Miocene Mohnian Stage
26566	Malibu Beach	A4A		center of quad	44-M	old Solstice Cyn Q		early Miocene Saucesian Stage
26567	Malibu Beach	A4C		center of quad	44-M	old Solstice Cyn Q		not diagnostic
26568	Malibu Beach	A5		center of quad	44-M	old Solstice Cyn Q		Miocene
26569	Sacate	A5		Agua Caliente Cyn	35-I	old Pt Conception		late Miocene

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1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
26570	Malibu Beach	A5A		center of quad	44-M	old Solstice Cyn Q		early Miocene Saucesian Stage
26571	Malibu Beach	A6		center of quad	44-M	old Solstice Cyn Q		Miocene
26572	Sacate	A6		Agua Caliente Cyn	35-I	old Pt Conception		late Miocene
26573	Malibu Beach	A6A		center of quad	44-M	old Solstice Cyn Q		early Miocene Saucesian Stage
26574	Malibu Beach	A7		center of quad	44-M	old Solstice Cyn Q		not diagnostic
26575	Sacate	A7		Agua Caliente Cyn	35-I	old Pt Conception		late Miocene
26576	Malibu Beach	A7A		center of quad	44-M	old Solstice Cyn Q		not diagnostic
26577	Malibu Beach	A8		center of quad	44-M	old Solstice Cyn Q		early Miocene Saucesian Stage
26578	Sacate	A8		Agua Caliente Cyn	35-I	old Pt Conception		late Miocene
26579	Malibu Beach	A9		center of quad	44-M	old Solstice Cyn Q		not diagnostic
26580	Prado Dam	A9		SE corner of quad	39-N	old Corona 125K		middle and late Miocene Mohnian or Delmontian Stage
26581	Dana Point	B		beach near Dana Pt	86-E	old Capistrano Q		Recent
26582	Los Angeles	B1		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26583	Valyermo	B1		center of quad		old Rock Ck Quad		Paleocene
26584	Newbury Park	B-1		NE corner of quad	22-B	old Trifuno Ps 62K		late Miocene
26585	Hollywood	B10		Elysian Heights	20-M	old L Angeles 24K		Miocene or Pliocene
26586	Los Angeles	B10		Elysian Heights	20-M	old L Angeles 24K		Miocene or Pliocene
26587	Los Angeles	B13		Elysian Heights	20-M	old L Angeles 24K		Miocene or Pliocene
26588	Simi Valley East?	B14		Head of Tapo Cyn	8-I	old Camulos Quad	not on map	middle Miocene Luisian Stage
26589	Los Angeles	B15		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26590	Simi Valley East?	B15		Head of Tapo Cyn	8-I	old Camulos Quad	not on map	middle Miocene Luisian Stage
26591	Los Angeles	B16		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26592	Simi Valley East?	B16		Head of Tapo Cyn	8-I	old Camulos Quad	not on map	middle Miocene Luisian Stage
26593	Los Angeles	B17		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26594	Simi Valley East?	B17		Head of Tapo Cyn	8-I	old Camulos Quad	not on map	middle Miocene Luisian Stage
26595	Simi Valley East?	B18		Head of Tapo Cyn	8-I	old Camulos Quad	not on map	middle Miocene Luisian Stage
26596	Canoga Park	B19		center of quad	62-L	old Reseda Quad		late Miocene
26597	Simi Valley East?	B19		Head of Tapo Cyn	8-I	old Camulos Quad	not on map	middle Miocene Luisian Stage
26598	Los Angeles	B2		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26599	Valyermo	B2		center of quad		old Rock Ck Quad		Paleocene
26600	Arroyo Grande NE	B-2		SE of Edna	4-F	Arroyo Grande 15'		middle and late Miocene Mohnian? Stage
26601	Los Angeles	B20		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26602	Simi Valley East?	B20		Head of Tapo Cyn	8-I	old Camulos Quad	not on map	middle Miocene
26603	Los Angeles	B21		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26604	Simi Valley East?	B21		Head of Tapo Cyn	8-I	old Camulos Quad	not on map	middle Miocene
26605	Los Angeles	B22		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26606	Simi Valley East?	B22		Head of Tapo Cyn	8-I	old Camulos Quad	not on map	middle Miocene
26607	Los Angeles	B23		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26608	Los Angeles	B24		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26609	Los Angeles	B25		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26610	Los Angeles	B26		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26611	Los Angeles	B27		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26612	Los Angeles	B28		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26613	Hollywood	B29		Logan St School	20-M	old L Angeles 24K		Miocene or Pliocene
26614	Los Angeles	B29		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26615	Los Angeles	B3		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26616	Twitchell Dam	B3		center of quad	52-M	old Lompoc 125K		early Miocene
26617	Los Angeles	B31		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26618	Los Angeles	B32		WC part of quad	20-M	old L Angeles 24K		Miocene or Pliocene
26619	Los Angeles	B33		WC part of quad	20-M	old L Angeles 24K		Miocene or Pliocene
26620	Hollywood	B34		Logan St School	20-M	old L Angeles 24K		Miocene or Pliocene
26621	Los Angeles	B34		WC part of quad	20-M	old L Angeles 24K		Miocene or Pliocene
26622	Los Angeles	B35		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26623	Los Angeles	B36		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26624	Los Angeles	B37		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26625	Los Angeles	B38		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26626	Los Angeles	B39		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26627	Los Angeles	B4		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26628	Piru	B4		SE part of quad	4-F	old Arroyo Grande		middle and late Miocene Mohnian? Stage
26629	Los Angeles	B40		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26630	Los Angeles	B41		Elesian Park	20-M	old L Angeles 24K		Miocene or Pliocene
26631	Los Angeles	B42		Elesian Park	20-M	old L Angeles 24K		Miocene or Pliocene
26632	Los Angeles	B43		Elesian Park	20-M	old L Angeles 24K		Miocene or Pliocene
26633	Los Angeles	B44		Elesian Park	20-M	old L Angeles 24K		Miocene or Pliocene
26634	Los Angeles	B45		Elesian Park	20-M	old L Angeles 24K		Miocene or Pliocene
26635	Los Angeles	B46		Elesian Park	20-M	old L Angeles 24K		Miocene or Pliocene
26636	Los Angeles	B47		Elesian Park	20-M	old L Angeles 24K		Miocene or Pliocene
26637	Los Angeles	B48		Elesian Park	20-M	old L Angeles 24K		Miocene or Pliocene
26638	Los Angeles	B49		Elesian Park	20-M	old L Angeles 24K		Miocene or Pliocene
26639	Los Angeles	B5		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26640	Los Angeles	B50		Elesian Park	20-M	old L Angeles 24K		Miocene or Pliocene
26641	Los Angeles	B54		Elysian Heights	19-G	old L Angeles 24K		Miocene or Pliocene
26642	Los Angeles	B55		Elysian Heights	19-G	old L Angeles 24K		Miocene or Pliocene
26643	Hollywood	B56		EC part of quad	19-G	old L Angeles 24K		Miocene or Pliocene

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26644	Los Angeles	B56		Elysian Heights	19-G	old L Angeles 24K		Miocene or Pliocene
26645	Los Angeles	B6		Chavez Ravine	20-M	old L Angeles 24K		Miocene or Pliocene
26646	Piru	B7		near Indian Knob	4-F	old Arroyo Grande		middle and late Miocene Mohnian? Stage
26647	Hollywood	B8		Elysian Heights	20-M	old L Angeles 24K		Miocene or Pliocene
26648	Los Angeles	B8		Elysian Heights	20-M	old L Angeles 24K		Miocene or Pliocene
26649	Hollywood	B9		Elysian Heights	20-M	old L Angeles 24K		Miocene or Pliocene
26650	Los Angeles	B9		Elysian Heights	20-M	old L Angeles 24K		Miocene or Pliocene
26651	Orange	BIXBY		East of Olive	59-N	old Anaheim quad	2/4S/9W	Pliocene
26652	Orange	BIXBY		East of Olive	59-N	old Anaheim quad	10/4S/9W	Pliocene
26653	Orange	BIXBY		East of Olive	59-N	old Anaheim quad	9/4S/9W	Pliocene
26654	Topanga	C1		In Topanga	37-C	old Topanga Cyn Q		Miocene
26655	Orcutt	C2		NE part of quad	52-M	old Lompoc 125K	slide Twitchell	early Miocene Relizian stage
26656	Topanga	C2		In Topanga	37-C	old Topanga Cyn Q		Miocene?
26657	Canoga Park	C3		center of quad	62-M	old Reseda Quad		late Miocene
26658	Carpenteria	C3		Romero Canyon	9-K	old Carpenteria Q		Eocene
26659	Topanga	C3		WC part of quad	45-H	old Topanga Cyn Q		Cretaceous or Paleocene
26660	Calabasas	C-34		NW part of quad	none	old Calabasas Quad		Cretaceous
26661	Carpenteria	C37		Romero Canyon	46-L	old Carpenteria Q		Eocene
26662	Carpenteria	C37A		Romero Canyon	46-L	old Carpenteria Q		Eocene
26663	Carpenteria	C4		Romero Canyon	9-K	old Carpenteria Q		Eocene
26664	Topanga	C4		WC part of quad	45-H	old Topanga Cyn Q		Paleocene?
26665	Twitchell Dam	C4		WC part of quad	52-M	old Lompoc 125K		early Miocene Relizian Stage
26666	Canoga Park	C5		center of quad	62-M	old Reseda Quad		late Miocene
26667	Carpenteria	C5		Romero Canyon	22-A	old Carpenteria Q		Eocene
26668	Twitchell Dam	C5		WC part of quad	52-M	old Lompoc 125K		early Miocene Relizian Stage
26669	Carpenteria	C5A		Romero Canyon	22-A	old Carpenteria Q		Eocene
26670	Carpenteria	C6		Romero Canyon	9-K	old Carpenteria Q		Eocene
26671	Hollywood	C6		EC part of quad	19-G	old L Angeles 24K		Miocene or Pliocene
26672	Twitchell Dam	C6		WC part of quad	52-M	old Lompoc 125K		early Miocene Saucesian Stage
26673	Hollywood	C7		EC part of quad	19-G	old L Angeles 24K		Miocene or Pliocene
26674	Black Star Canyon	CA1		NE part of quad	50-F	old Corona 125K		Cretaceous
26675	Black Star Canyon	CA1A		NE part of quad	50-F	old Corona 125K		Cretaceous
26676	Black Star Canyon	CA2		NE part of quad	50-F	old Corona 125K		Eocene?
26677	Black Star Canyon	CA3		NE part of quad	50-F	old Corona 125K		Eocene
26678	Domengine Ranch	D1		Coalinga Oil Field	9-I	old Coalinga Quad		Eocene
26679	Orange	D1		S of Peralta Hills	37-G	old Anaheim quad		Pliocene
26680	Lompoc	D10		NC part of quad	11-N	old Lompoc 125K		Pliocene
26681	Orange	D10		S of Peralta Hills	61-F	old Anaheim quad		Pliocene
26682	Lompoc	D10A		NC part of quad	11-N	old Lompoc 125K		Pliocene
26683	Lompoc	D10B		NC part of quad	11-N	old Lompoc 125K		Pliocene
26684	Canoga Park	D10C		center of quad	62-M	old Reseda Quad		late Miocene
26685	Carpenteria	D11		Romero Canyon	6-E	old Carpenteria Q		Eocene
26686	Lompoc	D11		NC part of quad	11-N	old Lompoc 125K		Pliocene
26687	Orange	D11		S of Peralta Hills	37-G	old Anaheim quad		Pliocene
26688	Carpenteria	D12		Romero Canyon	6-E	old Carpenteria Q		Eocene
26689	Lompoc	D12		NC part of quad	11-N	old Lompoc 125K		Pliocene
26690	Orange	D12		S of Peralta Hills	37-G	old Anaheim quad		Pliocene
26691	Canoga Park	D12A		Woodland Hills	62-M	old Reseda Quad		late Miocene
26692	Lompoc	D13		NC part of quad	11-N	old Lompoc 125K		Pliocene
26693	Orange	D13		S of Peralta Hills	37-G	old Anaheim quad		Pliocene
26694	Van Nuys	D14		SE corner of quad	60-I	old Burbank quad		middle and late Miocene lower? Mohnian Stage
26695	Lompoc	D15		NC part of quad	11-N	old Lompoc 125K		Pliocene
26696	Orange	D15		S of Peralta Hills	37-G	old Anaheim quad		Pliocene
26697	Carpenteria	D16		Romero Canyon	6-E	old Carpenteria Q		Eocene
26698	Lompoc	D16		NC part of quad	11-N	old Lompoc 125K		Pliocene
26699	Carpenteria	D17		Romero Canyon	6-E	old Carpenteria Q		Eocene
26700	Orange	D17		S of Peralta Hills	37-G	old Anaheim quad		Pliocene
26701	Carpenteria	D18		Romero Canyon	6-E	old Carpenteria Q		Eocene
26702	Carpenteria	D19		Romero Canyon	6-E	old Carpenteria Q		Eocene
26703	Orange	D19		S of Peralta Hills	37-G	old Anaheim quad		Pliocene
26704	Domengine Ranch	D2		Coalinga Oil Field	9-I	not on map		Eocene
26705	Newport Beach	D2		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26706	Orange	D2		S of Peralta Hills	37-G	old Anaheim quad		Pliocene
26707	Carpenteria	D20		Romero Canyon	6-E	old Carpenteria Q		Eocene
26708	Domengine Ranch	D20		Coalinga Oil Field	9-I	not on map		Eocene
26709	Lompoc	D20		NC part of quad	11-N	old Lompoc 125K		Pliocene
26710	Carpenteria	D21		Romero Canyon	6-E	old Carpenteria Q		Eocene
26711	Carpenteria	D21A		Romero Canyon	6-E	old Carpenteria Q		Eocene
26712	Carpenteria	D22		Romero Canyon	6-E	old Carpenteria Q		Eocene
26713	Carpenteria	D22B		Romero Canyon	6-E	old Carpenteria Q		Eocene
26714	Carpenteria	D23		Romero Canyon	6-E	old Carpenteria Q		Eocene
26715	Carpenteria	D24		Romero Canyon	6-E	old Carpenteria Q		Eocene
26716	Carpenteria	D25		Romero Canyon	6-E	old Carpenteria Q		Eocene
26717	Carpenteria	D25A		Romero Canyon	6-E	old Carpenteria Q		Eocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
26718	Carpenteria	D26		Romero Canyon	9-K	old Carpenteria Q		Eocene
26719	Newport Beach	D28		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26720	Newport Beach	D29		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26721	Domengine Ranch	D3		Coalinga Oil Field	9-I	not on map		Eocene
26722	Orange	D3		S of Peralta Hills	61-F	old Anaheim quad		Pliocene
26723	Newport Beach	D32		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26724	Newport Beach	D33		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26725	Newport Beach	D34		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26726	Newport Beach	D35		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26727	Newport Beach	D36		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26728	Newport Beach	D37		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26729	Newport Beach	D38		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26730	Newport Beach	D39		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26731	Domengine Ranch	D4		Coalinga Oil Field	9-I	not on map		Eocene
26732	Orange	D4		S of Peralta Hills	61-F	old Anaheim quad		Pliocene
26733	Newport Beach	D40		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26734	Dos Pueblos Canyon	D43		Naples section	9-I	old Coalinga Quad		Eocene
26735	Dos Pueblos Canyon	D44		Naples section	9-I	old Coalinga Quad		Eocene
26736	Newport Beach	D44		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26737	Dos Pueblos Canyon	D45		Naples section	9-I	old Coalinga Quad		Eocene
26738	Newport Beach	D45		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26739	Dos Pueblos Canyon	D46		Naples section	9-I	old Coalinga Quad		Eocene
26740	Dos Pueblos Canyon	D47		Naples section	9-I	old Coalinga Quad		Eocene
26741	Dos Pueblos Canyon	D48		Naples section	9-I	old Coalinga Quad		Eocene
26742	Newport Beach	D48		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26743	Dos Pueblos Canyon	D49		Naples section	9-I	old Coalinga Quad		Eocene
26744	Domengine Ranch	D5		Coalinga Oil Field	9-I	old Coalinga Quad		Eocene
26745	Dos Pueblos Canyon	D50		Naples section	9-I	old Coalinga Quad		Eocene
26746	Dos Pueblos Canyon	D51		Naples section	9-I	old Coalinga Quad		Eocene
26747	Newport Beach	D52		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26748	Newport Beach	D53		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26749	Newport Beach	D55		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26750	Newport Beach	D56		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26751	Newport Beach	D57		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26752	Newport Beach	D59		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26753	Domengine Ranch	D6		Coalinga Oil Field	9-I	old Coalinga Quad		Eocene
26754	Lompoc	D6		NC part of quad	11-N	old Lompoc 125K		Pliocene
26755	Orange	D6		S of Peralta Hills	61-F	old Anaheim quad		Pliocene
26756	Newport Beach	D60		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26757	Newport Beach	D61		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26758	Newport Beach	D62		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26759	Newport Beach	D63		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26760	Newport Beach	D64		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26761	Newport Beach	D65		SC along Hwy 101	3-G	old Santa Ana 62K		Miocene or Pliocene
26762	Carpenteria	D7		Romero Canyon	9-K	old Carpenteria Q		Eocene
26763	Domengine Ranch	D7		Coalinga Oil Field	9-I	not on map		Eocene
26764	Lompoc	D7		NC part of quad	11-N	old Lompoc 125K		Pliocene
26765	Domengine Ranch	D9		Coalinga Oil Field	9-I	not on map		Eocene
26766	Lompoc	D9		NC part of quad	11-N	old Lompoc 125K		Pliocene
26767	Orange	D9		S of Peralta Hills	61-F	old Anaheim quad		Pliocene
26768	Lompoc	D9A		NC part of quad	11-N	old Lompoc 125K		Pliocene
26769	Calabasas	DCH-17		SE corner of quad	56-J	old Dry Canyon 24K	type for stage	middle and late Miocene Mohnian Stage
26770	La Jolla	E1		Scripps area	41-I	old La Jolla 62K		Pliocene ?
26771	Point Dume	E1		SE of Malibu Vista	2-N	old Solstice Cyn Q		Miocene
26772	White Ledge Peak	E10		Los Sauces Creek	none	old Ventura 62K	type section?	early Miocene Saucesian Stage
26773	White Ledge Peak	E11		Los Sauces Creek	none	old Ventura 62K	type section?	early Miocene Saucesian Stage
26774	White Ledge Peak	E12		Los Sauces Creek	none	old Ventura 62K	type section?	early Miocene Saucesian Stage
26775	Pitas Point	E13		Los Sauces Creek	none	old Ventura 62K	type stage?	early Miocene Saucesian Stage
26776	Pitas Point	E15		Los Sauces Creek	none	old Ventura 62K	type stage?	early Miocene Saucesian Stage
26777	Pitas Point	E16		Los Sauces Creek	none	old Ventura 62K	type stage?	early Miocene Saucesian Stage
26778	Black Star Canyon	E17		SE part of quad	50-F	old Corona 125K		Cretaceous
26779	Pitas Point	E17		Los Sauces Creek	none	old Ventura 62K	type stage?	early Miocene Saucesian Stage
26780	Pitas Point	E18		Los Sauces Creek	none	old Ventura 62K	type stage?	early Miocene Saucesian Stage
26781	Pitas Point	E19		Los Sauces Creek	none	old Ventura 62K	type stage?	early Miocene Saucesian Stage
26782	La Jolla	E2		Scripps area	41-I	old La Jolla 62K		Pliocene ?
26783	Whitaker Peak	E2		EC part of quad	54-J	Old Whitaker P 6'		Eocene
26784	White Ledge Peak	E2		Los Sauces Creek	none	old Ventura 62K	type section?	early Miocene Saucesian Stage
26785	Carpenteria	E21		Summerland area	12-J	old S Barbara 62K		Lower Miocene
26786	Los Angeles	E21		WC part of quad	80-F	old L Angeles 24K		late Miocene Delmontian Stage
26787	Pitas Point	E22		Los Sauces Creek	none	old Ventura 62K	type stage?	early Miocene Saucesian Stage
26788	Carpenteria	E23		Summerland area	12-J	old S Barbara 62K		Miocene
26789	Pitas Point	E23		Los Sauces Creek	none	old Ventura 62K	type stage?	early Miocene Saucesian Stage
26790	Carpenteria	E24		Summerland area	12-J	old S Barbara 62K		Saucesian
26791	Pitas Point	E24		Los Sauces Creek	none	old Ventura 62K	type stage?	early Miocene Saucesian Stage

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26792	Carpenteria	E25		Summerland area	12-J	old S Barbara 62K		Saucesian
26793	Pitas Point	E25		Los Sauces Creek	none	old Ventura 62K	type stage?	early Miocene Saucesian Stage
26794	Los Angeles	E26		WC part of quad	49-M	old L Angeles 24K		late Miocene Delmontian Stage
26795	Pitas Point	E26		Los Sauces Creek	none	old Ventura 62K	type stage?	early Miocene Saucesian Stage
26796	Los Angeles	E27		WC part of quad	49-M	old L Angeles 24K		Miocene or Pliocene
26797	Pitas Point	E27		Los Sauces Creek	none	old Ventura 62K	type stage?	early Miocene Saucesian Stage
26798	Simi Valley West	E27		center of quad	8-I	old Camulos Quad		early Miocene
26799	Simi Valley West	E28		center of quad	8-I	old Camulos Quad		early Miocene
26800	Pitas Point	E29		Los Sauces Creek	none	old Ventura 62K	type stage?	early Miocene Saucesian Stage
26801	Simi Valley West	E29		center of quad	8-I	old Camulos Quad		early Miocene
26802	La Jolla	E3		Scripps area	41-I	old La Jolla 62K		Pliocene ?
26803	Newport Beach	E3		Upper Newport By	3-G	old Santa Ana 62K		Pliocene
26804	Whitaker Peak	E3		EC part of quad	54-J	Old Whitaker P 6'		Eocene?
26805	White Ledge Peak	E3		Los Sauces Creek	none	old Ventura 62K	type section?	early Miocene Saucesian Stage
26806	Hollywood	E30		Good Sam Hospital	49-M	old L Angeles 24K		Miocene or Pliocene
26807	Pitas Point	E30		Los Sauces Creek	none	old Ventura 62K	type stage?	early Miocene Saucesian Stage
26808	Simi Valley West	E30		center of quad	8-I	old Camulos Quad		early Miocene
26809	Hollywood	E31		Good Sam Hospital	49-M	old L Angeles 24K		Miocene or Pliocene
26810	Pitas Point	E31		Los Sauces Creek	none	old Ventura 62K	type stage?	early Miocene Saucesian Stage
26811	Simi Valley West	E31		center of quad	8-I	old Camulos Quad		early Miocene
26812	Hollywood	E32		Good Sam Hospital	49-M	old L Angeles 24K		Miocene or Pliocene
26813	Pitas Point	E32		Los Sauces Creek	none	old Ventura 62K	type stage?	early Miocene Saucesian Stage
26814	Simi Valley West	E32		center of quad	8-I	old Camulos Quad		early Miocene
26815	Carpenteria	E33		Summerland area	12-J	old S Barbara 62K		Saucesian
26816	Pitas Point	E33		Los Sauces Creek	none	old Ventura 62K	type stage?	early Miocene Saucesian Stage
26817	Simi Valley West	E33		center of quad	8-I	old Camulos Quad		early Miocene
26818	Carpenteria	E34		Summerland area	12-J	old S Barbara 62K		Saucesian
26819	Hollywood	E34		EC part of quad	49-M	old L Angeles 24K		Miocene or Pliocene
26820	Simi Valley West	E34		center of quad	8-I	old Camulos Quad		early Miocene
26821	Carpenteria	E35		Summerland area	12-K	old S Barbara 62K		Saucesian
26822	Pitas Point	E35		Los Sauces Creek	none	old Ventura 62K	type stage?	early Miocene Saucesian Stage
26823	Simi Valley West	E35		center of quad	8-I	old Camulos Quad		early Miocene
26824	Los Angeles	E36		WC part of quad	28-J	old L Angeles 24K		Miocene or Pliocene
26825	Pitas Point	E36		Los Sauces Creek	none	old Ventura 62K	type stage?	early Miocene Saucesian Stage
26826	Simi Valley West	E36		center of quad	8-I	old Camulos Quad		early Miocene
26827	Hollywood	E37		EC part of quad	28-J	old L Angeles 24K		middle and late Miocene Mohnian Stage
26828	Simi Valley West	E37		center of quad	8-I	old Camulos Quad		early Miocene
26829	Hollywood	E38		EC part of quad	80-F	old L Angeles 24K		Miocene or Pliocene
26830	Simi Valley West	E38		center of quad	8-I	old Camulos Quad		early Miocene
26831	Hollywood	E39		EC part of quad	80-F	old L Angeles 24K		Miocene or Pliocene
26832	La Jolla	E4		Scripps area	41-I	old La Jolla 62K		Pliocene ?
26833	White Ledge Peak	E4		Los Sauces Creek	none	old Ventura 62K	type section?	early Miocene Saucesian Stage
26834	Hollywood	E41		Harbor Fwy/5th	49-M	old L Angeles 24K		Miocene or Pliocene
26835	Hollywood	E42		Harbor Fwy/5th	49-M	old L Angeles 24K		Miocene or Pliocene
26836	Carpenteria	E43		Summerland area	12-K	old S Barbara 62K		Zemorrian
26837	Hollywood	E43		Harbor Fwy/5th	49-M	old L Angeles 24K		Miocene or Pliocene
26838	Carpenteria	E44		Summerland area	12-K	old S Barbara 62K		Zemorrian
26839	Hollywood	E44		Harbor Fwy/5th	49-M	old L Angeles 24K		Miocene or Pliocene
26840	Carpenteria	E45		Summerland area	12-K	old S Barbara 62K		Zemorrian
26841	Hollywood	E45		Harbor Fwy/5th	49-M	old L Angeles 24K		Miocene or Pliocene
26842	Carpenteria	E46		Summerland area	12-K	old S Barbara 62K		Lower Miocene
26843	Carpenteria	E49		Summerland area	12-K	old S Barbara 62K		Zemorrian
26844	Hollywood	E49		EC part of quad	80-F	old L Angeles 24K		Miocene or Pliocene
26845	Whitaker Peak	E5		EC part of quad	54-J	Old Whitaker P 6'		Eocene
26846	White Ledge Peak	E5		Los Sauces Creek	none	old Ventura 62K	type section?	early Miocene Saucesian Stage
26847	Hollywood	E50		EC part of quad	80-F	old L Angeles 24K		Miocene or Pliocene
26848	Hollywood	E51		EC part of quad	80-F	old L Angeles 24K		Miocene or Pliocene
26849	Hollywood	E52		EC part of quad	14-G	old L Angeles 24K		Miocene or Pliocene
26850	Los Alamos	E52		Purisima grade	14-G	old Lompoc 125K		Pliocene ?
26851	Hollywood	E53		EC part of quad	14-G	old L Angeles 24K		Miocene or Pliocene
26852	Los Alamos	E53		Purisima grade	14-G	old Lompoc 125K		Pliocene ?
26853	Hollywood	E55		EC part of quad	14-G	old L Angeles 24K		Miocene or Pliocene
26854	Los Alamos	E55		Purisima grade	14-G	old Lompoc 125K		Pliocene ?
26855	Hollywood	E56		EC part of quad	14-G	old L Angeles 24K		Miocene or Pliocene
26856	White Ledge Peak	E6		Los Sauces Creek	none	old Ventura 62K	type section?	early Miocene Saucesian Stage
26857	La Jolla	E7		Scripps area	41-I	old La Jolla 62K		Pliocene ?
26858	White Ledge Peak	E7		Los Sauces Creek	none	old Ventura 62K	type section?	early Miocene Saucesian Stage
26859	White Ledge Peak	E8		Los Sauces Creek	none	old Ventura 62K	type section?	early Miocene Saucesian Stage
26860	La Jolla	E9		Scripps area	41-I	old La Jolla 62K		Pliocene ?
26861	White Ledge Peak	E9		Los Sauces Creek	none	old Ventura 62K	type section?	early Miocene Saucesian Stage
26862	La Jolla	F1		SW of Elvira	41-I	old La Jolla 62K		Pliocene ?
26863	Whitaker Peak	F1		center of quad	54-J	Old Whitaker P 6'		Eocene
26864	Los Angeles	F11		EC part of quad	44-I	old Alhambra quad		Pliocene?
26865	Los Angeles	F12		EC part of quad	44-I	old Alhambra quad		Pliocene?

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26866	Los Angeles	F13		EC part of quad	44-I	old Alhambra quad		Pliocene?
26867	Los Angeles	F14		EC part of quad	44-I	old Alhambra quad		Pliocene?
26868	Los Angeles	F15		EC part of quad	44-I	old Alhambra quad		Pliocene?
26869	Los Angeles	F16		EC part of quad	44-I	old Alhambra quad		Pliocene?
26870	Los Angeles	F17		EC part of quad	44-I	old Alhambra quad		Pliocene?
26871	Van Nuys	F2		S of Studio City	60-J	old Van Nuys 6' Q		middle and late Miocene Mohnian Stage
26872	Los Angeles	F23		EC part of quad	44-I	old Alhambra quad		Pliocene?
26873	Orange	F23		East of Olive	37-G	old Anaheim quad	strat column	Pliocene
26874	Los Angeles	F25		EC part of quad	44-I	old Alhambra quad		Pliocene?
26875	Canoga Park	F25A		SW part of quad	34-N	old Dry Canyon 24K	type for stage	middle and late Miocene Mohnian Stage
26876	Los Angeles	F26		EC part of quad	44-I	old Alhambra quad		Pliocene?
26877	Los Angeles	F27		EC part of quad	44-I	old Alhambra quad		Pliocene?
26878	Los Angeles	F28		EC part of quad	44-I	old Alhambra quad		Pliocene?
26879	Whitaker Peak	F3		center of quad	54-J	Old Whitaker P 6'		early Miocene
26880	Orange	F30		East of Olive	37-G	old Anaheim quad	strat column	Pliocene
26881	Los Angeles	F31		EC part of quad	44-I	old Alhambra quad		Pliocene?
26882	Orange	F31		East of Olive	37-G	old Anaheim quad	strat column	Pliocene
26883	Los Angeles	F32		EC part of quad	44-I	old Alhambra quad		Pliocene?
26884	Orange	F33		East of Olive	37-G	old Anaheim quad	strat column	Pliocene
26885	Orange	F34		East of Olive	37-G	old Anaheim quad	strat column	Pliocene
26886	Whitaker Peak	F5		center of quad	54-J	Old Whitaker P 6'		early Miocene
26887	Van Nuys	F6		S of Studio City	60-J	old Van Nuys 6' Q		Miocene
26888	Los Angeles	F7		EC part of quad	44-I	old Alhambra quad		Pliocene?
26889	Los Angeles	F8		EC part of quad	44-I	old Alhambra quad		Pliocene?
26890	Laguna Beach	G1		Bluebird Canyon	49-K	old Santa Ana 62K		early or middle Miocene Relizian or Luisian Stage
26891	Malibu Beach	G1		Puerco Beach	2-N	old Solstice Cyn Q		Miocene
26892	Orange	G1		SE of El Modeno	37-G	old Anaheim quad	34/4S/9W	middle Miocene
26893	Wheeler Springs	G1		Wheeler Gorge	43-A	old Wheeler Spr Q		Cretaceous
26894	Canada Gobernadora	G-1		not on map	no slide	SW S Juan Hot Spr		Eocene
26895	Orange	G10		Burrel Point area	37-G	old Anaheim quad		middle and late Miocene Mohnian Stage
26896	Sunland	G10		EC part of quad	49-N	old S Fernando 62K		Eocene
26897	Sunland	G11		EC part of quad	49-N	old S Fernando 62K		Eocene
26898	Wheeler Springs	G11		Wheeler Gorge	43-A	old Wheeler Spr Q		Cretaceous
26899	Sunland	G12		EC part of quad	49-N	old S Fernando 62K		Eocene
26900	Wheeler Springs	G12		Wheeler Gorge	43-A	old Wheeler Spr Q		Cretaceous
26901	Newport Beach	G18		Newport Bay	85-J	old Newport Bch		middle and late Miocene Mohnian Stage
26902	Newport Beach	G19		Newport Bay	85-J	old Newport Bch		middle and late Miocene Mohnian Stage
26903	Wheeler Springs	G19		Wheeler Gorge	43-A	old Wheeler Spr Q		Eocene
26904	Malibu Beach	G2		Puerco Beach	2-N	old Solstice Cyn Q		middle Miocene
26905	Orange	G2		SE of El Modeno	37-G	old Anaheim quad	34/4S/9W	middle Miocene
26906	Canada Gobernadora	G-2		not on map	no slide	SW S Juan Hot Spr		Eocene
26907	Los Angeles	G3		NW corner of quad	37-M	old Glendale Quad		Miocene
26908	Canada Gobernadora	G-3		not on map	no slide	SW S Juan Hot Spr		Cretaceous
26909	Malibu Beach	G4		Corral Beach	2-N	old Solstice Cyn Q		middle Miocene Luisian Stage
26910	Point Dume	G4		NW of Pt dume	18-H	old Dume Pt Quad		middle and late Miocene Mohnian Stage
26911	Wheeler Springs	G4		Wheeler Gorge	43-A	old Wheeler Spr Q		Cretaceous
26912	Malibu Beach	G5		Corral Beach	2-N	old Solstice Cyn Q		middle Miocene Luisian Stage
26913	Orange	G5		Burrel Point area	37-G	old Anaheim quad	strat column	middle Miocene
26914	Orange	G6		Burrel Point area	37-G	old Anaheim quad		middle Miocene
26915	Wheeler Springs	G6		Wheeler Gorge	43-A	old Wheeler Spr Q		Cretaceous
26916	Orange	G7		Burrel Point area	37-G	old Anaheim quad		middle Miocene
26917	Wheeler Springs	G7		Wheeler Gorge	43-A	old Wheeler Spr Q		Cretaceous
26918	Orange	G7A		Burrel Point area	37-G	old Anaheim quad		middle Miocene
26919	Orange	G7B		Burrel Point area	37-G	old Anaheim quad		middle Miocene
26920	Oat Mountain	G88		WC part of quad	57-I	old Pico Quad 24K		Pliocene
26921	Wheeler Springs	G9		Wheeler Gorge	43-A	old Wheeler Spr Q		Cretaceous
26922	Oat Mountain	G92		WC part of quad	1-A	old Pico Quad 24K		Pliocene
26923	Point Dume	H1		SE part of quad	2-N	old Solstice Cyn Q		middle Miocene Luisian Stage
26924	San Juan Capistrano	H1		NW part of quad	48-H	old Corona 125K		middle Miocene Luisian Stage
26925	Huasna Peak	H10		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26926	San Juan Capistrano	H10		NW part of quad	49-K	old Corona 125K		middle Miocene Luisian Stage
26927	Solvang	H10		SW part of quad	16-B	old Lompoc 125K		early Miocene Saucesian Stage
26928	Los Alamos	H101		SW part of quad	16-B	old Lompoc 125K		middle and late Miocene Mohnian Stage
26929	Los Alamos	H102		SW part of quad	16-B	old Lompoc 125K		middle and late Miocene Mohnian Stage
26930	Santa Rosa Hills	H105		NW part of quad	16-B	old Lompoc 125K		middle Miocene Luisian Stage
26931	Santa Rosa Hills	H106		NW part of quad	16-B	old Lompoc 125K		early Miocene Relizian Stage
26932	Santa Rosa Hills	H107		NW part of quad	16-B	old Lompoc 125K		early Miocene Relizian Stage
26933	Pasadena	H10A		SW corner of quad	59-A	old Glendale Quad		middle Miocene
26934	Huasna Peak	H11		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26935	Solvang	H11		Moonshine Canyon	16-B	old Lompoc 125K		early Miocene Saucesian? Stage
26936	Santa Rosa Hills	H110		NW part of quad	16-B	old Lompoc 125K		early Miocene Saucesian Stage
26937	Santa Rosa Hills	H111		NC part of quad	16-B	old Lompoc 125K		early Miocene Saucesian Stage
26938	Santa Rosa Hills	H112		NE part of quad	16-B	old Lompoc 125K		late Eocene Narizian or Refugian Stage
26939	Santa Rosa Hills	H113		NE part of quad	16-B	old Lompoc 125K		late Eocene Narizian or Refugian Stage

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
26940	Solvang	H114		NW part of quad	16-B	old Lompoc 125K		late Eocene
26941	Santa Rosa Hills	H117		NE part of quad	16-B	old Lompoc 125K		probably late Eocene Refugian Stage
26942	Santa Rosa Hills	H118		NE part of quad	16-B	old Lompoc 125K		late Eocene Refugian Stage
26943	Huasna Peak	H12		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26944	San Juan Capistrano	H12		NW part of quad	49-K	old Corona 125K		middle Miocene Luisian Stage
26945	Solvang	H12		Moonshine Canyon	16-B	old Lompoc 125K		Miocene
26946	Los Alamos	H120		SW part of quad	16-B	old Lompoc 125K		middle Miocene Luisian Stage
26947	Los Alamos	H121		SW part of quad	16-B	old Lompoc 125K		middle Miocene Luisian Stage
26948	Los Alamos	H123		SW part of quad	16-C	old Lompoc 125K		middle and late Miocene Mohnian Stage
26949	Santa Rosa Hills	H124		NC part of quad	16-C	old Lompoc 125K		middle and late Miocene Mohnian Stage
26950	Santa Rosa Hills	H125		NC part of quad	16-C	old Lompoc 125K		middle and late Miocene Mohnian Stage
26951	Huasna Peak	H13		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26952	San Juan Capistrano	H13		NW part of quad	49-K	old Corona 125K		middle and late Miocene lower Mohnian Stage
26953	Santa Rosa Hills	H138		NE part of quad	16-C	old Lompoc 125K		late Eocene Refugian Stage
26954	Pasadena	H13A		SW corner of quad	59-A	old Glendale Quad		middle Miocene
26955	Huasna Peak	H14		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26956	Santa Rosa Hills	H144		NE part of quad	16-C	old Lompoc 125K		late Eocene
26957	Gaviota	H145		Gaviota Pass	61-J	old Lompoc 125K		late Eocene
26958	Huasna Peak	H15		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26959	San Juan Capistrano	H15		NW part of quad	49-K	old Corona 125K		early Miocene upper Relizian Stage
26960	Huasna Peak	H16		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26961	Huasna Peak	H17		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26962	Santa Rosa Hills	H17		SW part of quad	16-B	old Lompoc 125K		late Eocene
26963	Huasna Peak	H18		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26964	Huasna Peak	H19		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26965	Point Dume	H2		SE part of quad	2-N	old Solstice Cyn Q		early Miocene Relizian Stage
26966	San Juan Capistrano	H2		NW part of quad	48-J	old Corona 125K		middle Miocene Luisian Stage
26967	Solvang	H2		WC part of quad	16-B	old Lompoc 125K		late Eocene
26968	Huasna Peak	H20		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26969	Huasna Peak	H21		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26970	Solvang	H21		SW part of quad	16-B	old Lompoc 125K		Miocene
26971	Huasna Peak	H22		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26972	Solvang	H22		SW part of quad	16-B	old Lompoc 125K		Miocene
26973	Huasna Peak	H23		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26974	Solvang	H23		SW part of quad	16-B	old Lompoc 125K		early Miocene Relizian Stage
26975	Huasna Peak	H24		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26976	Solvang	H24		SC part of quad	16-B	old Lompoc 125K		early Miocene Relizian Stage
26977	Huasna Peak	H25		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26978	Solvang	H25		WC part of quad	16-B	old Lompoc 125K		late Eocene
26979	Huasna Peak	H26		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26980	Solvang	H26		Moonshine Canyon	16-B	old Lompoc 125K		Late Cretaceous C or D Zone
26981	Huasna Peak	H27		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26982	Solvang	H27		SW part of quad	16-B	old Lompoc 125K		late Eocene
26983	Huasna Peak	H28		SW corner of quad	14-G	from old quad file		early Miocene Saucesian or Relizian Stage
26984	Solvang	H28		SW part of quad	16-B	old Lompoc 125K		late Eocene
26985	Huasna Peak	H29		SW corner of quad	14-G	from old quad file		early Miocene Saucesian or Relizian Stage
26986	San Juan Capistrano	H4		NW part of quad	48-J	old Corona 125K		middle Miocene Luisian Stage
26987	Huasna Peak	H7		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26988	San Juan Capistrano	H7		NW part of quad	49-K	old Corona 125K		middle and late Miocene lower Mohnian Stage
26989	Solvang	H70		NW part of quad	16-B	old Lompoc 125K		late Eocene
26990	Santa Rosa Hills	H71		NE part of quad	16-B	old Lompoc 125K		Miocene
26991	Santa Rosa Hills	H73		NE part of quad	16-B	old Lompoc 125K		Miocene or Pliocene
26992	Santa Rosa Hills	H75		NE part of quad	16-B	old Lompoc 125K		middle Miocene Luisian Stage
26993	Santa Rosa Hills	H76		NE part of quad	16-B	old Lompoc 125K		not diagnostic
26994	Santa Rosa Hills	H78		NE part of quad	16-B	old Lompoc 125K		middle and late Miocene Mohnian Stage
26995	Santa Rosa Hills	H79		NE part of quad	16-B	old Lompoc 125K		middle and late Miocene Mohnian Stage
26996	Huasna Peak	H8		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
26997	San Juan Capistrano	H8		NW part of quad	49-K	old Corona 125K		middle Miocene
26998	Santa Rosa Hills	H81		NE part of quad	16-B	old Lompoc 125K		middle Miocene
26999	Santa Rosa Hills	H83		NE part of quad	16-B	old Lompoc 125K		middle and late Miocene Mohnian Stage
27000	Santa Rosa Hills	H85		NE part of quad	16-B	old Lompoc 125K		not diagnostic
27001	Santa Rosa Hills	H86		NE part of quad	16-B	old Lompoc 125K		middle Miocene Luisian Stage
27002	Santa Rosa Hills	H88		NE part of quad	16-B	old Lompoc 125K		middle Miocene
27003	Santa Rosa Hills	H89		NE part of quad	16-B	old Lompoc 125K		middle Miocene Luisian Stage
27004	Huasna Peak	H9		Cuyama River	14-G	from old quad file		Oligocene Zemorrian Stage
27005	Santa Rosa Hills	H90		NE part of quad	16-B	old Lompoc 125K		middle Miocene
27006	Santa Rosa Hills	H95		NE part of quad	16-B	old Lompoc 125K		middle Miocene Luisian Stage
27007	Santa Rosa Hills	H96		NE part of quad	16-B	old Lompoc 125K		middle and late Miocene Mohnian Stage
27008	Lake Cachuma	I-1		center of quad	39-L	old S Ynez 124K		Miocene
27009	Moorpark	I-102		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27010	Moorpark	I-104		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27011	Moorpark	I-105		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27012	Moorpark	I-106		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27013	Moorpark	I-108		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
27014	Domengine Ranch	I11		Coalinga Oil Field	9-I	not on map		Eocene
27015	Lompoc Hills	I-11		Jalama Road SE	15-L	old Lompoc 125K		Late Cretaceous
27016	Moorpark	I-118		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27017	Lake Cachuma	I-12		center of quad	43-K	old S Ynez 124K		Miocene
27018	Lompoc Hills	I-12		SE part of quad	15-L	old Lompoc 125K		late Eocene
27019	Moorpark	I-120		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27020	Moorpark	I-121		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27021	Moorpark	I-124		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27022	Los Alamos	I13		SW part of quad	15-L	old Lompoc 125K		middle and late Miocene Mohnian Stage
27023	Lake Cachuma	I-13		center of quad	43-K	old S Ynez 124K		Miocene
27024	Moorpark	I-130		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27025	Moorpark	I-134		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27026	Moorpark	I-141		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27027	Moorpark	I-146		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27028	Moorpark	I-148		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27029	Santa Rosa Hills	I-15		NW part of quad	15-L	old Lompoc 125K		middle Miocene Luisian Stage
27030	Moorpark	I-152		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27031	Moorpark	I-154		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27032	Moorpark	I-156		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27033	Moorpark	I-158		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27034	Moorpark	I-159		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27035	Lompoc Hills	I-16		NE part of quad	15-L	old Lompoc 125K		middle and late Miocene Mohnian Stage
27036	Moorpark	I-160		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27037	Moorpark	I-161		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27038	Moorpark	I-164		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27039	Moorpark	I-166		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27040	Moorpark	I-167		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27041	Moorpark	I-173		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27042	Moorpark	I-175		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27043	Moorpark	I-177		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27044	Lompoc	I18		SE part of quad	15-L	old Lompoc 125K		Miocene or Pliocene
27045	Moorpark	I-183		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27046	Lompoc	I19		SE part of quad	15-L	old Lompoc 125K		middle and late Miocene Mohnian Stage
27047	Moorpark	I-191		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27048	Moorpark	I-198		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27049	Burbank	I-2		SW part of quad	59-A	old Burbank quad		middle Miocene
27050	Lompoc	I20		SE part of quad	15-L	old Lompoc 125K		middle and late Miocene Mohnian Stage
27051	Moorpark	I-201		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27052	Moorpark	I-203		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27053	Moorpark	I-205		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27054	Simi Valley East	I-207		WC part of quad	71-B	old S Susanna Qd		Luisian
27055	Moorpark	I-210		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27056	Moorpark	I-215		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27057	Moorpark	I-217		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27058	Moorpark	I-224		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27059	Moorpark	I-229		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27060	Moorpark	I-236		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27061	Moorpark	I-239		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27062	Moorpark	I-241		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27063	Moorpark	I-247		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27064	Moorpark	I-248		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27065	Moorpark	I-252		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27066	Moorpark	I-254		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27067	Moorpark	I-258		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27068	Moorpark	I-261		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27069	Moorpark	I-269		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27070	Santa Rosa Hills	I-27		NW part of quad	15-L	old Lompoc 125K		middle and late Miocene Mohnian Stage
27071	Moorpark	I-274		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27072	Moorpark	I-277		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27073	Santa Rosa Hills	I-28		NW part of quad	15-L	old Lompoc 125K		middle and late Miocene Mohnian Stage
27074	Moorpark	I-280		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27075	Moorpark	I-281		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27076	Moorpark	I-286		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27077	Moorpark	I-287		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27078	Moorpark	I-288		Balcom Canyon	81-C	old Piru Quad 62K		Pleistocene
27079	Moorpark	I-291		Balcom Canyon	81-C	old Piru Quad 62K		Pleistocene
27080	Tustin	I-2A		SW corner of quad	33-E	old Tustin 6' quad		Pliocene
27081	Tustin	I-2B		SW corner of quad	33-E	old Tustin 6' quad		Pliocene
27082	Lake Cachuma	I-3		center of quad	39-L	old S Ynez 124K		Miocene
27083	Mint Canyon	I-3		Santa Clara River	84-J	old Humphreys 24K		Pliocene
27084	Tustin	I-3		SW corner of quad	33-E	old Tustin 6' quad		Pliocene
27085	Moorpark	I-33		Balcom Canyon	81-B	old Piru Quad 62K		Pliocene
27086	Moorpark	I-36		Balcom Canyon	81-B	old Piru Quad 62K		Pliocene
27087	Moorpark	I-39		Balcom Canyon	81-B	old Piru Quad 62K		Pliocene

	A	B	C	D	E	F	G	H
1	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATION	SLIDE #	MISCELLANEOUS	MISC	ZONE/STAGE/SERIES/AGE
27088	Tustin	I-4		SW corner of quad	33-E	old Tustin 6' quad		Pliocene
27089	Moorpark	I-40		Balcom Canyon	81-B	old Piru Quad 62K		Pliocene
27090	Moorpark	I-41		Balcom Canyon	81-B	old Piru Quad 62K		Pliocene
27091	Lake Cachuma	I-5		center of quad	39-L	old S Ynez 124K		Miocene
27092	Tustin	I-5		SW corner of quad	33-E	old Tustin 6' quad		Pliocene
27093	Moorpark	I-53		Balcom Canyon	81-B	old Piru Quad 62K		Pliocene
27094	Moorpark	I-56		Balcom Canyon	81-B	old Piru Quad 62K		Pliocene
27095	Lake Cachuma	I-6		center of quad	39-L	old S Ynez 124K		Miocene
27096	Tustin	I-6		SW corner of quad	33-E	old Tustin 6' quad		Pliocene
27097	Moorpark	I-65		Balcom Canyon	81-B	old Piru Quad 62K		Pliocene
27098	Moorpark	I-66		Balcom Canyon	81-B	old Piru Quad 62K		Pliocene
27099	Moorpark	I-67		Balcom Canyon	81-B	old Piru Quad 62K		Pliocene
27100	Lake Cachuma	I-7		center of quad	39-L	old S Ynez 124K		Miocene
27101	Tustin	I-7		SW corner of quad	33-E	old Tustin 6' quad	reworked Mioc	Pleistocene
27102	Moorpark	I-72		Balcom Canyon	81-B	old Piru Quad 62K		Pliocene
27103	Moorpark	I-75		Balcom Canyon	81-B	old Piru Quad 62K		Pliocene
27104	Moorpark	I-78		Balcom Canyon	81-B	old Piru Quad 62K		Pliocene
27105	Moorpark	I-79		Balcom Canyon	81-B	old Piru Quad 62K		Pliocene
27106	Point Dume	I-8		N of Pt Dume	2-N	old Solstice Cyn Q		middle and late Miocene Mohnian Stage
27107	Tustin	I-8		SW corner of quad	33-E	old Tustin 6' quad		Pliocene
27108	Moorpark	I-81		Balcom Canyon	81-B	old Piru Quad 62K		Pliocene
27109	Moorpark	I-83		Balcom Canyon	81-B	old Piru Quad 62K		Pliocene
27110	Moorpark	I-87		Balcom Canyon	81-B	old Piru Quad 62K		Pliocene
27111	Moorpark	I-88		Balcom Canyon	81-B	old Piru Quad 62K		Pliocene
27112	Moorpark	I-89		Balcom Canyon	81-B	old Piru Quad 62K		Pliocene
27113	Hollywood	I-9		NW corner of quad	50-N	old Glendale Quad		middle and late Miocene Mohnian Stage
27114	Moorpark	I-96		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27115	Moorpark	I-98		Balcom Canyon	81-C	old Piru Quad 62K		Pliocene
27116	La Jolla	J1		Rose Canyon	41-I	old La Jolla 62K		Pliocene ?
27117	La Jolla	K1		Rose Canyon	41-I	old La Jolla 62K		Pliocene ?
27118	La Jolla	K3		Crown Point	41-I	old La Jolla 62K		Pliocene ?
27119	La Jolla	K4		Pacific Beach	41-I	old La Jolla 62K		Pliocene
27120	Newport Beach	L6		Newport Bay	85-J	old Newport Bch		middle and late Miocene Mohnian Stage
27121	San Onofre Bluff	SJ71		NE part of quad	24-B	old SJ Capist 62K		middle and late Miocene Mohnian Stage
27122	San Onofre Bluff	SJ75		NE part of quad	24-B	old SJ Capist 62K		middle and late Miocene Mohnian Stage
27123	San Onofre Bluff	SJ77		NE part of quad	24-B	old SJ Capist 62K		middle Miocene Luisian Stage
27124	San Onofre Bluff	SJ79		NE part of quad	24-B	old SJ Capist 62K		middle Miocene Luisian Stage
27125	Beverly Hills	VH-9		NC part of quad	60-I	old Van Nuys quad	1926 edition	middle and late Miocene Mohnian Stage

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
2	early Miocene Relizian Stage		
3	early Miocene Relizian Stage		
4	early Miocene Relizian Stage		
5	middle Miocene Luisian Stage		
6	middle Miocene Luisian Stage		
7	middle Miocene Luisian Stage		
8	middle Miocene Luisian Stage		
9	middle Miocene Luisian Stage		
10	middle Miocene Luisian Stage		
11	middle Miocene Luisian Stage		
12	early Miocene upper Saucesian Stage		
13	early Miocene upper Saucesian Stage		
14	early Miocene upper Saucesian Stage		
15	early Miocene upper Saucesian Stage		
16	early Miocene upper Saucesian Stage		
17	early Miocene upper Saucesian Stage		
18	early Miocene lower Relizian Stage		
19	early Miocene lower Relizian Stage		
20	early Miocene lower Relizian Stage		
21	early Miocene lower Relizian Stage		
22	middle Miocene lower Luisian Stage		
23	middle Miocene lower Luisian Stage		
24	middle Miocene lower Luisian Stage		
25	late Miocene Delmontian? Stage		
26	late Miocene Delmontian? Stage		
27	late Miocene Delmontian? Stage		
28	late Miocene Delmontian? Stage		
29	late Miocene Delmontian? Stage		
30	late Miocene Delmontian? Stage		
31	late Miocene Delmontian? Stage		
32	late Miocene Delmontian? Stage		
33	middle and late Miocene Upper Mohnian Stage		
34	middle and late Miocene Upper Mohnian Stage		
35	middle and late Miocene Upper Mohnian Stage		
36	middle and late Miocene Upper Mohnian Stage		
37	middle and late Miocene Upper Mohnian Stage		
38	middle and late Miocene Upper Mohnian Stage		
39	middle and late Miocene middle Mohnian Stage		
40	middle and late Miocene middle Mohnian Stage		
41	middle and late Miocene middle Mohnian Stage		
42	middle and late Miocene middle Mohnian Stage		
43	middle and late Miocene middle Mohnian Stage		
44	middle and late Miocene middle Mohnian Stage		
45	middle and late Miocene middle Mohnian Stage		
46	middle and late Miocene middle Mohnian Stage		
47	middle and late Miocene middle Mohnian Stage		
48	middle and late Miocene middle Mohnian Stage		
49	middle and late Miocene middle Mohnian Stage		
50	middle and late Miocene lower Mohnian Stage		
51	middle and late Miocene lower Mohnian Stage		
52	middle and late Miocene Mohnian Stage		
53	middle and late Miocene Mohnian Stage		
54	middle and late Miocene Mohnian Stage		
55	middle and late Miocene Mohnian Stage		
56	middle and late Miocene Mohnian Stage		
57	middle Miocene Luisian Stage		
58	middle Miocene Luisian Stage		
59	middle Miocene Luisian Stage		
60	middle Miocene Luisian Stage		
61	middle Miocene Luisian Stage		
62	middle Miocene Luisian Stage		
63	middle Miocene lower Luisian Stage		
64	middle Miocene Luisian Stage		
65	middle Miocene Luisian Stage		
66	middle Miocene Luisian? Stage		
67	middle Miocene Luisian? Stage		
68	early Miocene Saucesian Stage		
69	early Miocene Saucesian Stage		
70	early Miocene Saucesian Stage		
71	early Miocene Saucesian Stage		
72	early Miocene Saucesian Stage		
73	Cretaceous arenaceous foraminifers		
74	Cretaceous arenaceous foraminifers		
75	Cretaceous arenaceous foraminifers		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
76	Eocene		
77	Eocene		
78	Eocene		
79	Eocene		
80	Eocene		
81	Eocene		
82	Eocene		
83	Eocene		
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85	Eocene		
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140	Eocene		
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143	Eocene		
144	Eocene		
145	Eocene		
146	Eocene		
147	Eocene		
148	Eocene		
149	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
150	Eocene		
151	Eocene		
152	Eocene		
153	Eocene		
154	Eocene		
155	Eocene		
156	Eocene		
157	Eocene		
158	Eocene		
159	Eocene		
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184	Eocene		
185	Eocene		
186	Eocene		
187	Eocene		
188	Eocene		
189	Eocene		
190	Eocene		
191	Eocene		
192	Pliocene		
193	Pliocene		
194	Pliocene		
195	Pliocene		
196	Pliocene		
197	Pliocene		
198	Pliocene		
199	Pliocene		
200	Pliocene		
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203	Pliocene		
204	Pliocene		
205	Pliocene		
206	Pliocene		
207	Pliocene		
208	Pliocene		
209	Pliocene		
210	Pliocene		
211	Pliocene		
212	Pliocene		
213	Miocene		
214	Miocene or Pliocene		
215	Miocene		
216	Pliocene		
217	Pliocene?		
218	possibly middle Miocene Luisian Stage		
219	possibly middle Miocene Luisian Stage		
220	possibly middle Miocene Luisian Stage		
221	possibly middle Miocene Luisian Stage		
222	possibly middle Miocene Luisian Stage		
223	middle and late Miocene Mohnian Stage		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
224	middle and late Miocene Mohnian Stage		
225	middle and late Miocene Mohnian Stage		
226	middle and late Miocene Mohnian Stage		
227	middle and late Miocene Mohnian Stage		
228	Pliocene		
229	Pliocene		
230	Pliocene		
231	Oligocene Zemorrian Stage		
232	Oligocene Zemorrian Stage		
233	Oligocene Zemorrian Stage		
234	Oligocene Zemorrian Stage		
235	Oligocene Zemorrian Stage		
236	Oligocene Zemorrian Stage		
237	Oligocene Zemorrian Stage		
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242	Oligocene Zemorrian Stage		
243	Oligocene Zemorrian Stage		
244	Oligocene Zemorrian Stage		
245	Oligocene Zemorrian Stage		
246	Oligocene Zemorrian Stage		
247	Oligocene Zemorrian Stage		
248	Oligocene Zemorrian Stage		
249	Oligocene Zemorrian Stage		
250	Pliocene		
251	late Miocene		
252	late Miocene		
253	Miocene		
254	Pliocene		
255	Pliocene		
256	Pliocene		
257	early or middle Miocene Relizian or Luisian Stage		
258	middle Miocene Luisian Stage		
259	middle Miocene Luisian Stage		
260	middle Miocene Luisian Stage		
261	middle Miocene Luisian Stage		
262	middle Miocene Luisian Stage		
263	middle Miocene Luisian Stage		
264	Pliocene		
265	Pliocene		
266	Eocene		
267	Pliocene		
268	Pliocene		
269	Pliocene		
270	middle and late Miocene Mohnian Stage		
271	middle and late Miocene Mohnian? Stage		
272	Pliocene		
273	Pliocene		
274	Pliocene		
275	Pliocene		
276	Pliocene		
277	Pliocene		
278	Pliocene		
279	Pliocene		
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297	Pliocene		

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1	ZONE/STAGE/SERIES/AGE		
298	Pliocene		
299	Pliocene		
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1	ZONE/STAGE/SERIES/AGE		
372	Pliocene		
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445	Pliocene		

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1	ZONE/STAGE/SERIES/AGE		
446	Pliocene		
447	Pliocene		
448	Pliocene		
449	Pliocene		
450	Pliocene		
451	Pliocene		
452	Pliocene		
453	Pliocene		
454	Pliocene		
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506	Pliocene		
507	Pliocene		
508	Pliocene		
509	Pliocene		
510	Pliocene		
511	Pliocene		
512	Pliocene		
513	early Miocene Saucesian Stage		
514	early Miocene Saucesian Stage		
515	early Miocene Saucesian Stage		
516	early Miocene Saucesian Stage		
517	early Miocene upper Saucesian Stage		
518	middle and late Miocene Mohnian? Stage		
519	Late Cretaceous E Zone		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
520	Cretaceous		
521	Miocene		
522	late Miocene		
523	late Miocene		
524	middle and late Miocene Lower Mohnian Stage		
525	middle and late Miocene Lower Mohnian Stage		
526	middle and late Miocene Lower Mohnian Stage		
527	middle and late Miocene Lower Mohnian Stage		
528	middle and late Miocene Lower Mohnian Stage		
529	middle and late Miocene Lower Mohnian Stage		
530	middle and late Miocene Lower Mohnian Stage		
531	middle and late Miocene Lower Mohnian Stage		
532	middle and late Miocene Lower Mohnian Stage		
533	middle and late Miocene Lower Mohnian Stage		
534	middle and late Miocene Lower Mohnian Stage		
535	middle and late Miocene Lower Mohnian Stage		
536	middle and late Miocene Lower Mohnian Stage		
537	Miocene		
538	Eocene		
539	middle Eocene Discoaster martini Zone		
540	middle Eocene Discoaster martini Zone		
541	middle Eocene Discoaster martini Zone		
542	middle Eocene Discoaster martini Zone		
543	middle Eocene Discoaster martini Zone		
544	middle Eocene Chiphragmalithus quadratus Zone		
545	middle Eocene Chiphragmalithus quadratus Zone		
546	middle Eocene Chiphragmalithus quadratus Zone		
547	middle Eocene Chiphragmalithus quadratus Zone		
548	middle Eocene Chiphragmalithus quadratus Zone		
549	middle Eocene Chiphragmalithus quadratus Zone		
550	middle Eocene Chiphragmalithus quadratus Zone		
551	middle Eocene Chiphragmalithus quadratus Zone		
552	middle Eocene Chiphragmalithus quadratus Zone		
553	middle Eocene Chiphragmalithus quadratus Zone		
554	middle Eocene Chiphragmalithus quadratus Zone		
555	middle Eocene Chiphragmalithus quadratus Zone		
556	middle Eocene Chiphragmalithus quadratus Zone		
557	middle Eocene Chiphragmalithus quadratus Zone		
558	middle Eocene Chiphragmalithus quadratus Zone		
559	middle Eocene Chiphragmalithus quadratus Zone		
560	middle Eocene Chiphragmalithus quadratus Zone		
561	middle Eocene Chiphragmalithus quadratus Zone		
562	middle Eocene Chiphragmalithus quadratus Zone		
563	middle Eocene Chiphragmalithus quadratus Zone		
564	middle Eocene Nannotetrina quadrata Zone (type)		
565	middle Eocene Nannotetrina quadrata Zone (type)		
566	middle Eocene Nannotetrina quadrata Zone (type)		
567	middle Eocene Nannotetrina quadrata Zone (type)		
568	middle Eocene Nannotetrina quadrata Zone (type)		
569	middle Eocene Nannotetrina quadrata Zone (type)		
570	middle Eocene Nannotetrina quadrata Zone (type)		
571	middle Eocene Nannotetrina quadrata Zone (type)		
572	middle Eocene Nannotetrina quadrata Zone (type)		
573	middle Eocene Nannotetrina quadrata Zone (type)		
574	middle Eocene Nannotetrina quadrata Zone (type)		
575	middle Eocene Nannotetrina quadrata Zone (type)		
576	middle Eocene Nannotetrina quadrata Zone (type)		
577	middle Eocene Rhabdosphaera inflata Zone		
578	early and middle Eocene Discoaster sublodoensis Zone		
579	early and middle Eocene Discoaster sublodoensis Zone		
580	early and middle Eocene Discoaster sublodoensis Zone		
581	early and middle Eocene Discoaster sublodoensis Zone		
582	early and middle Eocene Discoaster sublodoensis Zone		
583	early and middle Eocene Discoaster sublodoensis Zone		
584	early and middle Eocene Discoaster sublodoensis Zone		
585	early and middle Eocene Discoaster sublodoensis Zone		
586	early and middle Eocene Discoaster sublodoensis Zone		
587	early and middle Eocene Discoaster sublodoensis Zone		
588	early and middle Eocene Discoaster sublodoensis Zone		
589	early and middle Eocene Discoaster sublodoensis Zone		
590	early Eocene Discoaster lodoensis Zone		
591	early Eocene Discoaster lodoensis Zone		
592	early Eocene Discoaster lodoensis Zone		
593	early Eocene Discoaster lodoensis Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
594	early Eocene Discoaster lodoensis Zone		
595	early Eocene Discoaster lodoensis Zone		
596	early Eocene Discoaster lodoensis Zone		
597	early Eocene Discoaster lodoensis Zone		
598	early Eocene Discoaster lodoensis Zone		
599	early Eocene Discoaster lodoensis Zone		
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601	early Eocene Discoaster lodoensis Zone		
602	early Eocene Discoaster lodoensis Zone		
603	early Eocene Discoaster lodoensis Zone		
604	early Eocene Discoaster lodoensis Zone		
605	early Eocene Discoaster lodoensis Zone		
606	early Eocene Discoaster lodoensis Zone		
607	early Eocene Discoaster lodoensis Zone		
608	early Eocene Discoaster lodoensis Zone		
609	early Eocene Discoaster lodoensis Zone		
610	early Eocene Discoaster lodoensis Zone		
611	early Eocene Discoaster lodoensis Zone		
612	early Eocene Discoaster tribr. Zone		
613	early Eocene Discoaster tribr. Zone		
614	early Eocene Discoaster tribr. Zone		
615	early Eocene Discoaster tribr. Zone		
616	late Paleocene		
617	late Paleocene		
618	late Paleocene		
619	late Paleocene		
620	late Paleocene		
621	Eocene		
622	Eocene		
623	Eocene		
624	Eocene		
625	Eocene		
626	Eocene		
627	Eocene		
628	Eocene		
629	Eocene		
630	Eocene		
631	Eocene		
632	Eocene		
633	Eocene		
634	Eocene		
635	Eocene		
636	Eocene		
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667	Eocene		

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1	ZONE/STAGE/SERIES/AGE		
668	Eocene		
669	Eocene		
670	Eocene		
671	Eocene		
672	Eocene		
673	Eocene		
674	Eocene		
675	Eocene		
676	Eocene		
677	Eocene		
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679	Eocene		
680	Eocene		
681	Eocene		
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683	Eocene		
684	Eocene		
685	Eocene		
686	Eocene		
687	Eocene		
688	Eocene		
689	Eocene		
690	Eocene		
691	Eocene		
692	Eocene		
693	Eocene		
694	Eocene		
695	late Miocene or Pliocene NP		
696	late Miocene or Pliocene NP		
697	late Miocene or Pliocene NP		
698	late Miocene or Pliocene NP		
699	late Miocene or Pliocene NP		
700	late Miocene or Pliocene NP		
701	late Miocene or Pliocene NP		
702	late Miocene or Pliocene NP		
703	late Miocene or Pliocene NP		
704	late Miocene or Pliocene NP		
705	Pliocene		
706	Pliocene		
707	Pliocene		
708	Pliocene		
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712	Pliocene		
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718	Pliocene		
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722	Pliocene		
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725	Pliocene		
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727	Pliocene		
728	Pliocene		
729	Pliocene		
730	Pliocene		
731	Pliocene		
732	Pliocene		
733	Pliocene		
734	Pliocene		
735	Pliocene		
736	Pliocene		
737	Pliocene		
738	Pliocene		
739	Pliocene		
740	Pliocene		
741	Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
742	Pliocene		
743	Pliocene		
744	Pliocene		
745	Pliocene		
746	Pliocene		
747	Pliocene		
748	Pliocene		
749	Pliocene		
750	Pliocene		
751	Pliocene		
752	Pliocene		
753	middle Miocene Luisian Stage		
754	middle Miocene Luisian Stage		
755	middle Miocene Luisian Stage		
756	middle Miocene Luisian Stage		
757	middle Miocene Luisian Stage		
758	middle and late Miocene Mohnian Stage		
759	Miocene		
760	middle and late Miocene Mohnian Stage		
761	Miocene		
762	middle and late Miocene Mohnian Stage		
763	middle and late Miocene Mohnian Stage		
764	middle and late Miocene Mohnian Stage		
765	middle and late Miocene Mohnian Stage		
766	middle and late Miocene Mohnian Stage		
767	Pliocene		
768	Pliocene		
769	Pliocene		
770	Pliocene		
771	Pliocene		
772	Pliocene		
773	Pleistocene		
774	Pleistocene		
775	Pleistocene		
776	Pleistocene		
777	Pleistocene		
778	Pleistocene		
779	Pleistocene		
780	Pleistocene		
781	middle and late Miocene Mohnian Stage		
782	early Miocene Saucesian Stage		
783	early Miocene Saucesian Stage		
784	early Miocene Saucesian Stage		
785	early Miocene Saucesian Stage		
786	early Miocene Saucesian Stage		
787	Pliocene		
788	Pliocene		
789	Pliocene		
790	Pliocene		
791	Pliocene		
792	Pliocene		
793	Pliocene		
794	Pliocene		
795	Pliocene or Pleistocene		
796	Pliocene or Pleistocene		
797	Pliocene or Pleistocene		
798	Pleistocene		
799	Pleistocene		
800	no paleo report		
801	Oligocene Zemorrian Stage		
802	Oligocene Zemorrian Stage		
803	Oligocene Zemorrian Stage		
804	Oligocene Zemorrian Stage		
805	Oligocene Zemorrian Stage		
806	Oligocene Zemorrian Stage		
807	Oligocene Zemorrian Stage		
808	Oligocene Zemorrian Stage		
809	Oligocene Zemorrian Stage		
810	Oligocene Zemorrian Stage		
811	Oligocene Zemorrian Stage		
812	Oligocene Zemorrian Stage		
813	Oligocene Zemorrian Stage		
814	Oligocene Zemorrian Stage		
815	Oligocene Zemorrian Stage		

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1	ZONE/STAGE/SERIES/AGE		
816	Oligocene Zemorrian Stage		
817	Oligocene Zemorrian Stage		
818	Oligocene Zemorrian Stage		
819	Oligocene Zemorrian Stage		
820	Oligocene Zemorrian Stage		
821	Oligocene Zemorrian Stage		
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824	Oligocene Zemorrian Stage		
825	Oligocene Zemorrian Stage		
826	Oligocene Zemorrian Stage		
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829	Oligocene Zemorrian Stage		
830	Oligocene Zemorrian Stage		
831	Oligocene Zemorrian Stage		
832	Oligocene Zemorrian Stage		
833	Oligocene Zemorrian Stage		
834	Oligocene Zemorrian Stage		
835	early Miocene Saucesian Stage		
836	early Miocene Saucesian Stage		
837	early Miocene Saucesian Stage		
838	early Miocene Saucesian Stage		
839	early Miocene Saucesian Stage		
840	early Miocene Saucesian Stage		
841	early Miocene Saucesian Stage		
842	early Miocene Saucesian Stage		
843	early Miocene Saucesian Stage		
844	early Miocene Saucesian Stage		
845	early Miocene Saucesian Stage		
846	early Miocene Saucesian Stage		
847	early Miocene Saucesian Stage		
848	early Miocene Saucesian Stage		
849	early Miocene Saucesian Stage		
850	early Miocene Saucesian Stage		
851	early Miocene Saucesian Stage		
852	early Miocene Saucesian Stage		
853	early Miocene Saucesian Stage		
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890	early Miocene Saucesian Stage		
891	Oligocene Zemorrian Stage		
892	Oligocene Zemorrian Stage		
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897	Oligocene Zemorrian Stage		
898	early Miocene Saucesian Stage		
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964	early Miocene Saucesian Stage		
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1037	early Miocene Saucesian Stage		

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1	ZONE/STAGE/SERIES/AGE		
1038	early Miocene Saucesian Stage		
1039	early Miocene Saucesian Stage		
1040	early Miocene Saucesian Stage		
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1058	early Miocene Saucesian Stage		
1059	early Miocene Relizian Stage		
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1072	early Miocene Relizian Stage		
1073	early Miocene Relizian Stage		
1074	middle Miocene lower Luisian Stage		
1075	middle Miocene lower Luisian Stage		
1076	middle Miocene lower Luisian Stage		
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1078	middle Miocene lower Luisian Stage		
1079	middle Miocene lower Luisian Stage		
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1096	middle Miocene lower Luisian Stage		
1097	middle Miocene upper Luisian Stage		
1098	middle Miocene upper Luisian Stage		
1099	middle Miocene upper Luisian Stage		
1100	middle Miocene upper Luisian Stage		
1101	middle Miocene upper Luisian Stage		
1102	middle Miocene upper Luisian Stage		
1103	middle Miocene upper Luisian Stage		
1104	middle and late Miocene Mohnian Stage		
1105	early Miocene Saucesian Stage		
1106	early Miocene Saucesian Stage		
1107	early Miocene Saucesian Stage		
1108	early Miocene Saucesian Stage		
1109	early Miocene Saucesian Stage		
1110	early Miocene Saucesian Stage		
1111	early Miocene Saucesian Stage		

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1	ZONE/STAGE/SERIES/AGE		
1112	early Miocene Saucesian Stage		
1113	early Miocene Saucesian Stage		
1114	early Miocene Saucesian Stage		
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1120	early Miocene Saucesian Stage		
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1124	early Miocene Saucesian Stage		
1125	early Miocene Saucesian Stage		
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1127	early Miocene Saucesian Stage		
1128	early Miocene Saucesian Stage		
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1182	early Miocene Saucesian Stage		
1183	early Miocene Saucesian Stage		
1184	early Miocene Saucesian Stage		
1185	Oligocene Zemorrian Stage		

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1	ZONE/STAGE/SERIES/AGE		
1186	Oligocene Zemorrian Stage		
1187	Oligocene Zemorrian Stage		
1188	Oligocene Zemorrian Stage		
1189	Oligocene Zemorrian Stage		
1190	Oligocene Zemorrian Stage		
1191	Oligocene Zemorrian Stage		
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1193	Oligocene Zemorrian Stage		
1194	Oligocene Zemorrian Stage		
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1198	Oligocene Zemorrian Stage		
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1204	Oligocene Zemorrian Stage		
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1206	Oligocene Zemorrian Stage		
1207	Oligocene Zemorrian Stage		
1208	Oligocene Zemorrian Stage		
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1211	Oligocene Zemorrian Stage		
1212	Oligocene Zemorrian Stage		
1213	Oligocene Zemorrian Stage		
1214	Oligocene Zemorrian Stage		
1215	Oligocene Zemorrian Stage		
1216	early Miocene Saucesian Stage		
1217	early Miocene Saucesian Stage		
1218	early Miocene Saucesian Stage		
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1230	early Miocene Saucesian Stage		
1231	early Miocene Saucesian Stage		
1232	early Miocene Saucesian Stage		
1233	early Miocene Saucesian Stage		
1234	middle and late Miocene Mohnian Stage		
1235	Oligocene Zemorrian Stage		
1236	Oligocene Zemorrian Stage		
1237	Oligocene Zemorrian Stage		
1238	Oligocene Zemorrian Stage		
1239	Oligocene Zemorrian Stage		
1240	Oligocene Zemorrian Stage		
1241	Oligocene Zemorrian Stage		
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1245	Oligocene Zemorrian Stage		
1246	Oligocene Zemorrian Stage		
1247	Oligocene Zemorrian Stage		
1248	early Miocene Saucesian Stage		
1249	early Miocene Saucesian Stage		
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1259	early Miocene Saucesian Stage		

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1	ZONE/STAGE/SERIES/AGE		
1260	early Miocene Saucesian Stage		
1261	early Miocene Saucesian Stage		
1262	early Miocene Saucesian Stage		
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1333	early Miocene Saucesian Stage		

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1	ZONE/STAGE/SERIES/AGE		
1334	early Miocene Saucesian Stage		
1335	early Miocene Saucesian Stage		
1336	early Miocene Saucesian Stage		
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1345	early Miocene Saucesian Stage		
1346	early Miocene Saucesian Stage		
1347	early Miocene Saucesian Stage		
1348	Oligocene Zemorrian Stage		
1349	Oligocene Zemorrian Stage		
1350	Oligocene Zemorrian Stage		
1351	Oligocene Zemorrian Stage		
1352	Oligocene Zemorrian Stage		
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1362	Oligocene Zemorrian Stage		
1363	Oligocene Zemorrian Stage		
1364	Oligocene Zemorrian Stage		
1365	Oligocene Zemorrian Stage		
1366	Oligocene Zemorrian Stage		
1367	Oligocene Zemorrian Stage		
1368	Oligocene Zemorrian Stage		
1369	Oligocene Zemorrian Stage		
1370	Oligocene Zemorrian Stage		
1371	Oligocene Zemorrian Stage		
1372	Oligocene Zemorrian Stage		
1373	Oligocene Zemorrian Stage		
1374	Oligocene Zemorrian Stage		
1375	Oligocene Zemorrian Stage		
1376	Oligocene Zemorrian Stage		
1377	Oligocene Zemorrian Stage		
1378	early Miocene Saucesian Stage		
1379	early Miocene Saucesian Stage		
1380	early Miocene Saucesian Stage		
1381	early Miocene Saucesian Stage		
1382	Oligocene Zemorrian Stage		
1383	Oligocene Zemorrian Stage		
1384	Oligocene Zemorrian or early Miocene Saucesian Stage		
1385	Oligocene Zemorrian or early Miocene Saucesian Stage		
1386	Oligocene Zemorrian or early Miocene Saucesian Stage		
1387	Oligocene Zemorrian or early Miocene Saucesian Stage		
1388	middle and late Miocene Mohnian Stage		
1389	middle and late Miocene upper Mohnian Stage		
1390	middle and late Miocene upper Mohnian Stage		
1391	middle and late Miocene Mohnian Stage		
1392	middle and late Miocene Mohnian Stage		
1393	middle and late Miocene lower Mohnian Stage		
1394	middle and late Miocene lower Mohnian Stage		
1395	middle Miocene Luisian Stage		
1396	middle Miocene Luisian Stage		
1397	early Miocene Relizian Stage		
1398	early Miocene Relizian Stage		
1399	early Miocene Saucesian Stage		
1400	early Miocene Saucesian Stage		
1401	Oligocene Zemorrian Stage		
1402	Oligocene Zemorrian Stage		
1403	middle and late Miocene Mohnian Stage		
1404	Miocene		
1405	middle and late Miocene Mohnian Stage		
1406	later Miocene		
1407	Pliocene and/or Pleistocene		

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1	**ZONE/STAGE/SERIES/AGE**		
1408	Pliocene and/or Pleistocene		
1409	Pliocene and/or Pleistocene		
1410	Pliocene		
1411	Pliocene		
1412	Pliocene		
1413	Pliocene		
1414	middle Miocene		
1415	middle Miocene		
1416	middle Miocene		
1417	middle Miocene		
1418	middle Miocene		
1419	middle Miocene Luisian Stage		
1420	middle Miocene Luisian Stage		
1421	middle Miocene Luisian Stage		
1422	middle Miocene Luisian Stage		
1423	middle Miocene Luisian Stage		
1424	middle and late Miocene Mohnian? Stage		
1425	middle and late Miocene Mohnian? Stage		
1426	middle and late Miocene Mohnian? Stage		
1427	middle and late Miocene Mohnian? Stage		
1428	middle and late Miocene Mohnian? Stage		
1429	middle and late Miocene Mohnian Stage		
1430	middle Miocene lower Luisian Stage		
1431	early Miocene lower Saucesian Stage		
1432	early Miocene Relizian Stage		
1433	early Miocene Relizian Stage		
1434	early Miocene lower Saucesian Stage		
1435	early Miocene lower Saucesian Stage		
1436	early Miocene lower Saucesian Stage		
1437	early Miocene Saucesian or Relizian Stage		
1438	middle and late Miocene Mohnian Stage		
1439	all from Kreyenhagen Fm. and probably Eocene		
1440	and probably Eocene		
1441	and probably Eocene		
1442	and probably Eocene		
1443	and probably Eocene		
1444	middle and late Miocene Mohnian Stage		
1445	middle and late Miocene Mohnian Stage		
1446	early Miocene Saucesian Stage		
1447	early Miocene Saucesian Stage		
1448	early Miocene Saucesian Stage		
1449	early Miocene Saucesian Stage		
1450	early Miocene Saucesian Stage		
1451	early Miocene Saucesian Stage		
1452	early Miocene Saucesian Stage		
1453	early Miocene Saucesian Stage		
1454	early Miocene Saucesian Stage		
1455	early Miocene Saucesian Stage		
1456	middle and late Miocene lower Mohnian Stage		
1457	middle Miocene Luisian Stage		
1458	early Miocene Saucesian Stage		
1459	early Miocene Saucesian Stage		
1460	early Miocene Saucesian Stage		
1461	early Miocene Saucesian Stage		
1462	early Miocene Saucesian Stage		
1463	early Miocene Saucesian Stage		
1464	early Miocene Saucesian Stage		
1465	early Miocene Saucesian Stage		
1466	early Miocene Saucesian Stage		
1467	early Miocene Saucesian Stage		
1468	middle and late Miocene lower Mohnian Stage		
1469	middle and late Miocene lower Mohnian Stage		
1470	middle Miocene Luisian Stage		
1471	middle and late Miocene lower Mohnian Stage		
1472	middle Miocene Luisian Stage		
1473	middle and late Miocene Mohnian Stage		
1474	early Miocene Saucesian Stage		
1475	early Miocene Saucesian Stage		
1476	early Miocene Saucesian Stage		
1477	early Miocene Saucesian Stage		
1478	early Miocene Saucesian Stage		
1479	early Miocene Saucesian Stage		
1480	early Miocene Saucesian Stage		
1481	early Miocene Saucesian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
1482	early Miocene Saucesian Stage		
1483	early Miocene Saucesian Stage		
1484	early Miocene Saucesian Stage		
1485	early Miocene Saucesian Stage		
1486	early Miocene Saucesian Stage		
1487	early Miocene Saucesian Stage		
1488	early Miocene Saucesian Stage		
1489	early Miocene Saucesian Stage		
1490	early Miocene Saucesian Stage		
1491	early Miocene Saucesian Stage		
1492	early Miocene Saucesian Stage		
1493	early Miocene Saucesian Stage		
1494	early Miocene Saucesian Stage		
1495	early Miocene Saucesian Stage		
1496	early Miocene Saucesian Stage		
1497	early Miocene Saucesian Stage		
1498	Oligocene Zemorrian Stage		
1499	Oligocene Zemorrian Stage		
1500	Oligocene Zemorrian Stage		
1501	Oligocene Zemorrian Stage		
1502	Oligocene Zemorrian Stage		
1503	early Miocene Saucesian Stage		
1504	early Miocene Saucesian Stage		
1505	middle and late Miocene Mohnian Stage		
1506	Oligocene Zemorrian Stage		
1507	Oligocene Zemorrian Stage		
1508	Oligocene Zemorrian Stage		
1509	Oligocene Zemorrian Stage		
1510	Oligocene Zemorrian Stage		
1511	Oligocene Zemorrian Stage		
1512	Oligocene Zemorrian Stage		
1513	Oligocene Zemorrian Stage		
1514	Oligocene Zemorrian Stage		
1515	Oligocene Zemorrian Stage		
1516	Oligocene Zemorrian Stage		
1517	Oligocene Zemorrian Stage		
1518	Oligocene Zemorrian Stage		
1519	Oligocene Zemorrian Stage		
1520	Oligocene Zemorrian Stage		
1521	Oligocene Zemorrian Stage		
1522	Oligocene Zemorrian Stage		
1523	Oligocene Zemorrian Stage		
1524	Oligocene Zemorrian Stage		
1525	Oligocene Zemorrian Stage		
1526	Oligocene Zemorrian Stage		
1527	Oligocene Zemorrian Stage		
1528	Oligocene Zemorrian Stage		
1529	Oligocene Zemorrian Stage		
1530	Oligocene Zemorrian Stage		
1531	Oligocene Zemorrian Stage		
1532	Oligocene Zemorrian Stage		
1533	Oligocene Zemorrian Stage		
1534	Oligocene Zemorrian Stage		
1535	Oligocene Zemorrian Stage		
1536	early Miocene Saucesian Stage		
1537	early Miocene Saucesian Stage		
1538	early Miocene Saucesian Stage		
1539	early Miocene Saucesian Stage		
1540	early Miocene Saucesian Stage		
1541	early Miocene Saucesian Stage		
1542	early Miocene Saucesian Stage		
1543	middle and late Miocene Mohnian Stage		
1544	Oligocene Zemorrian Stage		
1545	Oligocene Zemorrian Stage		
1546	early Miocene Saucesian Stage		
1547	early Miocene Saucesian Stage		
1548	middle and late Miocene Mohnian Stage		
1549	middle and late Miocene Mohnian Stage		
1550	middle and late Miocene Mohnian Stage		
1551	middle and late Miocene Mohnian Stage		
1552	middle and late Miocene lower Mohnian Stage		
1553	middle Miocene Luisian Stage		
1554	middle Miocene Luisian Stage		
1555	middle Miocene Luisian Stage		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
1556	middle Miocene lower Luisian Stage		
1557	early Miocene Relizian Stage		
1558	early Miocene Relizian Stage		
1559	early Miocene Relizian Stage		
1560	early Miocene Relizian Stage		
1561	early Miocene lower Relizian Stage		
1562	early Miocene lower Relizian Stage		
1563	early Miocene lower Relizian Stage		
1564	early Miocene lower Relizian Stage		
1565	middle and late Miocene Mohnian Stage		
1566	Pliocene		
1567	middle and late Miocene Mohnian Stage		
1568	early Miocene Saucesian Stage		
1569	early Miocene Saucesian Stage		
1570	early Miocene Saucesian Stage		
1571	early Miocene Saucesian Stage		
1572	early Miocene Saucesian Stage		
1573	early Miocene Saucesian Stage		
1574	early Miocene Saucesian Stage		
1575	early Miocene Saucesian Stage		
1576	early Miocene Saucesian Stage		
1577	early Miocene Saucesian Stage		
1578	early Miocene Saucesian Stage		
1579	middle and late Miocene Mohnian Stage		
1580	Pliocene		
1581	Pliocene		
1582	Pliocene		
1583	Pliocene		
1584	Pliocene		
1585	Pliocene		
1586	Pliocene		
1587	Pliocene		
1588	Pliocene		
1589	Pliocene		
1590	Pliocene		
1591	Pliocene		
1592	middle and late Miocene Mohnian Stage		
1593	middle and late Miocene Mohnian Stage		
1594	Pliocene		
1595	Pliocene		
1596	Pliocene		
1597	Pliocene		
1598	Pliocene		
1599	Pliocene		
1600	Pliocene		
1601	Pliocene		
1602	Pliocene		
1603	Pliocene		
1604	Pliocene		
1605	Pliocene		
1606	Pliocene		
1607	Pliocene		
1608	Pliocene		
1609	Pliocene		
1610	late Miocene Delmontian Stage		
1611	middle and late Miocene Mohnian Stage		
1612	Pliocene		
1613	middle and late Miocene Mohnian Stage		
1614	middle and late Miocene lower Mohnian Stage		
1615	middle and late Miocene lower Mohnian Stage		
1616	middle and late Miocene lower Mohnian Stage		
1617	middle and late Miocene lower Mohnian Stage		
1618	middle Miocene Luisian Stage		
1619	Pliocene		
1620	middle and late Miocene Mohnian Stage		
1621	Pliocene		
1622	Pliocene		
1623	Pliocene		
1624	Pliocene		
1625	Pliocene		
1626	Pliocene		
1627	Pliocene		
1628	Pliocene		
1629	Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
1630	Pliocene		
1631	Pliocene		
1632	Pliocene		
1633	middle and late Miocene Mohnian Stage		
1634	Late Cretaceous Albian or Cenomanian Stage		
1635	late Miocene and early Pliocene		
1636	late Miocene and early Pliocene		
1637	late Miocene and early Pliocene		
1638	late Miocene and early Pliocene		
1639	late Miocene and early Pliocene		
1640	late Miocene and early Pliocene		
1641	late Miocene and early Pliocene		
1642	late Miocene and early Pliocene		
1643	middle and late Miocene Mohnian Stage		
1644	Pliocene		
1645	Pliocene		
1646	Pliocene		
1647	Pliocene		
1648	Pliocene		
1649	Pliocene		
1650	Pliocene		
1651	Pliocene		
1652	Pliocene		
1653	Pliocene		
1654	Pliocene		
1655	Pliocene		
1656	Pliocene		
1657	Pliocene		
1658	Pliocene		
1659	Pliocene		
1660	Pliocene		
1661	Pliocene		
1662	Pliocene		
1663	Pliocene		
1664	Pliocene		
1665	Pliocene		
1666	Pliocene		
1667	Pliocene		
1668	middle and late Miocene Mohnian Stage		
1669	middle and late Miocene upper Mohnian Stage		
1670	middle and late Miocene upper Mohnian Stage		
1671	middle and late Miocene Mohnian Stage		
1672	late Paleocene E Zone		
1673	late Paleocene E Zone		
1674	late Paleocene E Zone		
1675	late Paleocene E Zone		
1676	no age provided		
1677	early Eocene NP		
1678	early or middle Eocene		
1679	probably early Eocene D Zone		
1680	probably early Eocene D Zone		
1681	probably early Eocene D Zone		
1682	probably early Eocene D Zone		
1683	late Paleocene E Zone		
1684	late Paleocene E Zone		
1685	late Paleocene E Zone		
1686	late Paleocene E Zone		
1687	Eocene		
1688	middle and late Miocene Mohnian Stage		
1689	middle Miocene lower Luisian Stage		
1690	early Miocene Relizian Stage		
1691	middle and late Miocene Mohnian Stage		
1692	early Miocene Relizian Stage		
1693	late Eocene		
1694	early Miocene Relizian Stage		
1695	late Eocene		
1696	late Eocene		
1697	Cretaceous? arenaceous foraminifers		
1698	Cretaceous? arenaceous foraminifers		
1699	Cretaceous? arenaceous foraminifers		
1700	Cretaceous? arenaceous foraminifers		
1701	Cretaceous? arenaceous foraminifers		
1702	middle and late Miocene Mohnian Stage		
1703	middle and late Miocene Mohnian Stage		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
1704	middle and late Miocene Mohnian Stage		
1705	early Eocene D Zone		
1706	early Eocene D Zone		
1707	early Eocene D Zone		
1708	early Eocene D Zone		
1709	early Eocene D Zone		
1710	early Eocene D Zone		
1711	early Eocene D Zone		
1712	early Eocene D Zone		
1713	early Eocene D Zone		
1714	early Eocene D Zone		
1715	early Eocene D Zone		
1716	early Eocene D Zone		
1717	early Eocene D Zone		
1718	early Eocene D Zone		
1719	early Eocene D Zone		
1720	early Eocene D Zone		
1721	early Eocene D Zone		
1722	early Eocene D Zone		
1723	early Eocene D Zone		
1724	early Eocene D Zone		
1725	early Eocene D Zone		
1726	early Eocene D Zone		
1727	early Eocene D Zone		
1728	early Eocene D Zone		
1729	early Eocene D Zone		
1730	early Eocene D Zone		
1731	early Eocene D Zone		
1732	early Eocene D Zone		
1733	early Eocene D Zone		
1734	early Eocene D Zone		
1735	early Eocene D Zone		
1736	early Eocene D Zone		
1737	early Eocene D Zone		
1738	early Eocene D Zone		
1739	early Eocene D Zone		
1740	early Eocene D Zone		
1741	early Eocene D Zone		
1742	early Eocene D Zone		
1743	early Eocene D Zone		
1744	early Eocene D Zone		
1745	early Eocene D Zone		
1746	early Eocene D Zone		
1747	early Eocene D Zone		
1748	early Eocene D Zone		
1749	early Eocene D Zone		
1750	early Eocene D Zone		
1751	early Eocene D Zone		
1752	early Eocene D Zone		
1753	early Eocene D Zone		
1754	early Eocene D Zone		
1755	early Eocene D Zone		
1756	early Eocene D Zone		
1757	early Eocene D Zone		
1758	early Eocene D Zone		
1759	early Eocene D Zone		
1760	early Eocene D Zone		
1761	early Eocene D Zone		
1762	early Eocene D Zone		
1763	early Eocene D Zone		
1764	early Eocene D Zone		
1765	early Eocene D Zone		
1766	early Eocene D Zone		
1767	early Eocene D Zone		
1768	early Eocene D Zone		
1769	early Eocene D Zone		
1770	early Eocene D Zone		
1771	early Eocene D Zone		
1772	early Eocene D Zone		
1773	early Eocene D Zone		
1774	early Eocene D Zone		
1775	early Eocene D Zone		
1776	early Eocene D Zone		
1777	early Eocene D Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
1778	early Eocene D Zone		
1779	early Eocene D Zone		
1780	early Eocene D Zone		
1781	early Eocene D Zone		
1782	early Eocene D Zone		
1783	early Eocene D Zone		
1784	early Eocene D Zone		
1785	early Eocene D Zone		
1786	early Eocene D Zone		
1787	early Eocene D Zone		
1788	early Eocene D Zone		
1789	early Eocene D Zone		
1790	early Eocene D Zone		
1791	early Eocene D Zone		
1792	early Eocene D Zone		
1793	early Eocene D Zone		
1794	early Eocene D Zone		
1795	early Eocene D Zone		
1796	early Eocene D Zone		
1797	early Eocene D Zone		
1798	early Eocene D Zone		
1799	early Eocene D Zone		
1800	early Eocene D Zone		
1801	early Eocene D Zone		
1802	early Eocene D Zone		
1803	early Eocene D Zone		
1804	early Eocene D Zone		
1805	early Eocene D Zone		
1806	early Eocene D Zone		
1807	early Eocene D Zone		
1808	early Eocene D Zone		
1809	early Eocene D Zone		
1810	early Eocene D Zone		
1811	early Eocene D Zone		
1812	early Eocene D Zone		
1813	early Eocene D Zone		
1814	early Eocene D Zone		
1815	early Eocene D Zone		
1816	early Eocene D Zone		
1817	early Eocene D Zone		
1818	early Eocene D Zone		
1819	early Eocene D Zone		
1820	early Eocene D Zone		
1821	early Eocene D Zone		
1822	early Eocene D Zone		
1823	early Eocene D Zone		
1824	early Eocene D Zone		
1825	early Eocene D Zone		
1826	early Eocene D Zone		
1827	early Eocene D Zone		
1828	early Eocene D Zone		
1829	middle and late Miocene Mohnian Stage		
1830	early Eocene D Zone		
1831	early Eocene D Zone		
1832	early Eocene D Zone		
1833	early Eocene D Zone		
1834	early Eocene D Zone		
1835	early Eocene D Zone		
1836	early Eocene D Zone		
1837	early Eocene D Zone		
1838	early Eocene D Zone		
1839	early Eocene D Zone		
1840	early Eocene D Zone		
1841	early Eocene D Zone		
1842	early Eocene D Zone		
1843	early Eocene D Zone		
1844	early Eocene D Zone		
1845	early Eocene D Zone		
1846	early Eocene D Zone		
1847	early Eocene D Zone		
1848	early Eocene D Zone		
1849	early Eocene D Zone		
1850	early Eocene D Zone		
1851	early Eocene D Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
1852	early Eocene D Zone		
1853	early Eocene D Zone		
1854	early Eocene D Zone		
1855	early Eocene D Zone		
1856	early Eocene D Zone		
1857	early Eocene D Zone		
1858	early Eocene D Zone		
1859	early Eocene D Zone		
1860	early Eocene D Zone		
1861	early Eocene D Zone		
1862	early Eocene D Zone		
1863	early Eocene D Zone		
1864	early Eocene D Zone		
1865	early Eocene D Zone		
1866	early Eocene D Zone		
1867	early Eocene D Zone		
1868	early Eocene D Zone		
1869	early Eocene D Zone		
1870	early Eocene D Zone		
1871	early Eocene D Zone		
1872	early Eocene D Zone		
1873	early Eocene D Zone		
1874	early Eocene D Zone		
1875	early Eocene D Zone		
1876	early Eocene D Zone		
1877	early Eocene D Zone		
1878	early Eocene D Zone		
1879	early Eocene D Zone		
1880	early Eocene D Zone		
1881	early Eocene D Zone		
1882	early Eocene D Zone		
1883	early Eocene D Zone		
1884	early Eocene D Zone		
1885	early Eocene D Zone		
1886	early Eocene D Zone		
1887	early Eocene D Zone		
1888	early Eocene D Zone		
1889	early Eocene D Zone		
1890	early Eocene D Zone		
1891	early Eocene D Zone		
1892	early Eocene D Zone		
1893	early Eocene D Zone		
1894	early Eocene D Zone		
1895	early Eocene D Zone		
1896	early Eocene D Zone		
1897	early Eocene D Zone		
1898	early Eocene D Zone		
1899	early Eocene D Zone		
1900	middle and late Miocene Mohnian Stage		
1901	Eocene		
1902	Eocene		
1903	Eocene		
1904	Eocene		
1905	Eocene		
1906	Pliocene		
1907	Pliocene		
1908	Pliocene		
1909	Pliocene		
1910	Pliocene		
1911	Pliocene		
1912	Pliocene		
1913	Pliocene		
1914	Pliocene		
1915	Pliocene		
1916	Pliocene		
1917	Pliocene		
1918	Pliocene		
1919	Pliocene		
1920	Pliocene		
1921	Pliocene		
1922	Pliocene		
1923	Pliocene		
1924	Pliocene		
1925	Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
1926	Pliocene		
1927	Pliocene		
1928	Pliocene		
1929	Pliocene		
1930	Pliocene		
1931	Pliocene		
1932	Pliocene		
1933	Pliocene		
1934	Pliocene		
1935	Pliocene		
1936	middle and late Miocene Mohnian Stage		
1937	Eocene (has Discocyclina)		
1938	Eocene		
1939	Eocene		
1940	Eocene (has Discocyclina)		
1941	Eocene (has Discocyclina)		
1942	Eocene (has Discocyclina)		
1943	Eocene		
1944	Eocene		
1945	Eocene		
1946	Eocene		
1947	Eocene		
1948	Eocene (has Discocyclina)		
1949	Eocene		
1950	Eocene		
1951	Eocene		
1952	Eocene		
1953	Eocene		
1954	Eocene		
1955	Eocene		
1956	Eocene		
1957	Eocene		
1958	Eocene		
1959	Eocene		
1960	Eocene		
1961	Eocene		
1962	Eocene		
1963	Eocene		
1964	Eocene		
1965	Eocene		
1966	Eocene		
1967	Eocene		
1968	Eocene		
1969	Eocene		
1970	Eocene		
1971	Eocene		
1972	Eocene		
1973	Eocene		
1974	Eocene		
1975	Eocene		
1976	Eocene		
1977	Eocene		
1978	late Paleocene E Zone		
1979	middle and late Miocene Mohnian Stage		
1980	Eocene		
1981	Eocene		
1982	Eocene		
1983	Eocene		
1984	Eocene		
1985	Eocene		
1986	Eocene		
1987	Eocene		
1988	Eocene		
1989	Eocene		
1990	Eocene		
1991	Eocene		
1992	Eocene		
1993	Eocene		
1994	Eocene		
1995	Eocene		
1996	Eocene		
1997	Eocene		
1998	Eocene		
1999	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
2000	Eocene		
2001	Eocene		
2002	Eocene		
2003	Eocene		
2004	Eocene		
2005	Eocene		
2006	Eocene		
2007	Eocene		
2008	Eocene		
2009	Eocene		
2010	Eocene		
2011	Eocene		
2012	early Miocene Saucesian Stage		
2013	early Miocene Saucesian Stage		
2014	middle and late Miocene Mohnian Stage		
2015	Eocene		
2016	Eocene		
2017	Eocene		
2018	Eocene		
2019	Eocene		
2020	Eocene		
2021	Eocene		
2022	Eocene		
2023	Eocene		
2024	Eocene		
2025	Eocene		
2026	Eocene		
2027	Eocene		
2028	Eocene		
2029	early Miocene upper Saucesian Stage		
2030	Late Cretaceous F-2 Zone		
2031	middle and late Miocene Mohnian Stage		
2032	middle Eocene A-2 Zone		
2033	middle Eocene A-2 Zone		
2034	middle Eocene A-2 Zone		
2035	early Eocene B-1 Zone		
2036	early Eocene B-1 Zone		
2037	early Eocene B-1 Zone		
2038	early Eocene B-1 Zone		
2039	early Eocene B-1 Zone		
2040	early Eocene B-1 Zone		
2041	early Eocene B-1 Zone		
2042	early Eocene B-1 Zone		
2043	early Eocene B-1 Zone		
2044	early Eocene B-2 or B-3 Zone		
2045	early Eocene B-2 or B-3 Zone		
2046	early Eocene B-2 or B-3 Zone		
2047	early Eocene B-2 or B-3 Zone		
2048	early Eocene B-2 or B-3 Zone		
2049	early Eocene B-2 or B-3 Zone		
2050	early Eocene B-2 or B-3 Zone		
2051	early Eocene B-2 or B-3 Zone		
2052	early Eocene B-2 or B-3 Zone		
2053	early Eocene B-2 or B-3 Zone		
2054	early Eocene B-2 or B-3 Zone		
2055	early Eocene B-2 or B-3 Zone		
2056	early Eocene B-2 or B-3 Zone		
2057	early Eocene B-2 or B-3 Zone		
2058	early Eocene B-2 or B-3 Zone		
2059	early Eocene B-2 or B-3 Zone		
2060	early Eocene B-2 or B-3 Zone		
2061	early Eocene B-2 or B-3 Zone		
2062	early Eocene B-2 or B-3 Zone		
2063	early Eocene B-2 or B-3 Zone		
2064	early Eocene B-2 or B-3 Zone		
2065	early Eocene B-2 or B-3 Zone		
2066	early Eocene B-2 or B-3 Zone		
2067	early Eocene B-2 or B-3 Zone		
2068	early Eocene B-2 or B-3 Zone		
2069	early Eocene B-2 or B-3 Zone		
2070	early Eocene B-2 or B-3 Zone		
2071	early Eocene B-2 or B-3 Zone		
2072	early Eocene B-2 or B-3 Zone		
2073	early Eocene B-2 or B-3 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
2074	early Eocene B-2 or B-3 Zone		
2075	early Eocene B-2 or B-3 Zone		
2076	early Eocene B-2 or B-3 Zone		
2077	early Eocene B-2 or B-3 Zone		
2078	early Eocene B-2 or B-3 Zone		
2079	early Eocene B-2 or B-3 Zone		
2080	early Eocene B-2 or B-3 Zone		
2081	early Eocene B-2 or B-3 Zone		
2082	early Eocene B-2 or B-3 Zone		
2083	early Eocene B-2 or B-3 Zone		
2084	early Eocene B-2 or B-3 Zone		
2085	early Eocene B-2 or B-3 Zone		
2086	early Eocene B-2 or B-3 Zone		
2087	early Eocene B-4 Zone		
2088	early Eocene B-4 Zone		
2089	early Eocene B-4 Zone		
2090	early Eocene B-4 Zone		
2091	early Eocene B-4 Zone		
2092	early Eocene B-4 Zone		
2093	early Eocene B-4 Zone		
2094	early Eocene B-4 Zone		
2095	early Eocene B-4 Zone		
2096	early Eocene B-4 Zone		
2097	early Eocene B-4 Zone		
2098	early Eocene B-4 Zone		
2099	early Eocene B-4 Zone		
2100	early Eocene B-4 Zone		
2101	early Eocene B-4 Zone		
2102	early Eocene B-4 Zone		
2103	early Eocene B-4 Zone		
2104	early Eocene B-4 Zone		
2105	early Eocene B-4 Zone		
2106	early Eocene B-4 Zone		
2107	early Eocene B-4 Zone		
2108	early Eocene B-4 Zone		
2109	early Eocene B-4 Zone		
2110	early Eocene B-4 Zone		
2111	early Eocene B-4 Zone		
2112	early Eocene B-4 Zone		
2113	early Eocene B-4 Zone		
2114	early Eocene B-4 Zone		
2115	early Eocene B-4 Zone		
2116	early Eocene B-4 Zone		
2117	early Eocene B-4 Zone		
2118	early Eocene B-4 Zone		
2119	early Eocene B-4 Zone		
2120	early Eocene B-4 Zone		
2121	early Eocene B-4 Zone		
2122	early Eocene B-4 Zone		
2123	early Eocene B-4 Zone		
2124	early Eocene B-4 Zone		
2125	early Eocene B-4 Zone		
2126	early Eocene B-4 Zone		
2127	early Eocene B-4 Zone		
2128	early Eocene B-4 Zone		
2129	early Eocene B-4 Zone		
2130	early Eocene B-4 Zone		
2131	early Eocene B-4 Zone		
2132	early Eocene B-4 Zone		
2133	early Eocene B-4 Zone		
2134	early Eocene B-4 Zone		
2135	early Eocene B-4 Zone		
2136	early Eocene B-4 Zone		
2137	early Eocene B-4 Zone		
2138	early Eocene B-4 Zone		
2139	early Eocene B-4 Zone		
2140	early Eocene B-4 Zone		
2141	early Eocene B-4 Zone		
2142	early Eocene B-4 Zone		
2143	early Eocene B-4 Zone		
2144	early Eocene B-4 Zone		
2145	early Eocene B-4 Zone		
2146	early Eocene B-4 Zone		
2147	early Eocene B-4 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
2148	early Eocene B-4 Zone		
2149	early Eocene B-4 Zone		
2150	early Eocene B-4 Zone		
2151	early Eocene B-4 Zone		
2152	early Eocene B-4 Zone		
2153	early Eocene B-4 Zone		
2154	early Eocene B-4 Zone		
2155	early Eocene B-4 Zone		
2156	early Eocene C Zone		
2157	early Eocene C Zone		
2158	early Eocene C Zone		
2159	early Eocene C Zone		
2160	early Eocene C Zone		
2161	early Eocene C Zone		
2162	early Eocene C Zone		
2163	early Eocene C Zone		
2164	early Eocene C Zone		
2165	early Eocene C Zone		
2166	late Paleocene E Zone		
2167	late Paleocene E Zone		
2168	late Paleocene E Zone		
2169	late Paleocene E Zone		
2170	late Paleocene E Zone		
2171	late Paleocene E Zone		
2172	late Paleocene E Zone		
2173	late Paleocene E Zone		
2174	late Paleocene E Zone		
2175	late Paleocene E Zone		
2176	late Paleocene E Zone		
2177	middle Eocene A-2 Zone		
2178	early Miocene Saucesian or Relizian Stage		
2179	middle Eocene A-2 Zone		
2180	middle Eocene A-2 Zone		
2181	middle and late Miocene Mohnian Stage		
2182	Miocene		
2183	middle Eocene A-2 Zone		
2184	middle Eocene A-2? Zone		
2185	middle Eocene A-2 Zone		
2186	middle Eocene A-2 Zone		
2187	middle Eocene A-2 Zone		
2188	late? Eocene		
2189	late Paleocene D Zone		
2190	middle and late Miocene Mohnian Stage		
2191	Pleistocene		
2192	middle Miocene lower Luisian Stage		
2193	middle and late Miocene Mohnian Stage		
2194	early Miocene Relizian Stage		
2195	middle and late Miocene lower Mohnian Stage		
2196	middle and late Miocene Mohnian Stage		
2197	middle and late Miocene Mohnian Stage		
2198	Eocene		
2199	Eocene		
2200	early Miocene Saucesian? Stage		
2201	early Miocene Saucesian Stage		
2202	late? Eocene		
2203	possibly early Miocene		
2204	middle and late Miocene Mohnian Stage		
2205	middle and late Miocene Mohnian Stage		
2206	early Miocene upper Saucesian Stage		
2207	early Miocene upper Saucesian Stage		
2208	early Miocene upper Saucesian Stage		
2209	probably early Eocene C Zone		
2210	probably early Eocene C Zone		
2211	probably early Eocene C Zone		
2212	probably early Eocene C Zone		
2213	probably early Eocene C Zone		
2214	probably early Eocene C Zone		
2215	probably early Eocene C Zone		
2216	Late Cretaceous Turonian or Santonian Stage		
2217	middle and late Miocene Mohnian Stage		
2218	Late Cretaceous Turonian or Santonian Stage		
2219	middle and late Miocene Mohnian Stage		
2220	middle and late Miocene Mohnian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
2221	late Miocene and early Pliocene		
2222	late Miocene and early Pliocene		
2223	late Miocene and early Pliocene		
2224	late Miocene and early Pliocene		
2225	late Miocene and early Pliocene		
2226	Pliocene		
2227	Pliocene		
2228	Pliocene		
2229	Pliocene		
2230	Pliocene		
2231	Pliocene		
2232	Pliocene		
2233	late Paleocene E Zone		
2234	early Miocene Relizian Stage		
2235	early Miocene Relizian Stage		
2236	middle and late Miocene Mohnian Stage		
2237	early Miocene Relizian Stage		
2238	early Miocene Saucesian? Stage		
2239	Pliocene		
2240	Pliocene		
2241	Pliocene		
2242	Pliocene		
2243	Pliocene		
2244	Pliocene		
2245	Pliocene		
2246	Pliocene		
2247	Pliocene		
2248	Pliocene		
2249	Pliocene		
2250	Pliocene		
2251	Pliocene		
2252	Pliocene		
2253	Pliocene		
2254	Pliocene		
2255	Pliocene		
2256	Pliocene		
2257	Pliocene		
2258	Pliocene		
2259	Pliocene		
2260	Pliocene		
2261	Pliocene		
2262	Pliocene		
2263	Pliocene		
2264	Pliocene		
2265	Pliocene		
2266	Pliocene		
2267	Pliocene		
2268	Pliocene		
2269	Pliocene		
2270	Pliocene		
2271	Pliocene		
2272	Pliocene		
2273	Pliocene		
2274	Pliocene		
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2280	Pliocene		
2281	Pliocene		
2282	Pliocene		
2283	Pliocene		
2284	Pliocene		
2285	Pliocene		
2286	Pliocene		
2287	Pliocene		
2288	Pliocene		
2289	Pliocene		
2290	Pliocene		
2291	Pliocene		
2292	Pliocene		
2293	Pliocene		
2294	Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
2295	Pliocene		
2296	Pliocene		
2297	Pliocene		
2298	Pliocene		
2299	Pliocene		
2300	Pliocene		
2301	Pliocene		
2302	Pliocene		
2303	Pliocene		
2304	Pliocene		
2305	Pliocene		
2306	Pliocene		
2307	Pliocene		
2308	Pliocene		
2309	Pliocene		
2310	Pliocene		
2311	Pliocene		
2312	Pliocene		
2313	Pliocene		
2314	Pliocene		
2315	Pliocene		
2316	Pliocene		
2317	Pliocene		
2318	Pliocene		
2319	Pliocene		
2320	Pliocene		
2321	Pliocene		
2322	Pliocene		
2323	Pliocene		
2324	Pliocene		
2325	Pliocene		
2326	Pliocene		
2327	Pliocene		
2328	Pliocene		
2329	Pliocene		
2330	Pliocene		
2331	Eocene		
2332	middle and late Miocene Mohnian Stage		
2333	middle and late Miocene Mohnian Stage		
2334	Pliocene		
2335	middle and late Miocene upper Mohnian Stage		
2336	middle and late Miocene upper Mohnian Stage		
2337	middle and late Miocene upper Mohnian Stage		
2338	middle and late Miocene upper Mohnian Stage		
2339	middle and late Miocene upper Mohnian Stage		
2340	middle and late Miocene upper Mohnian Stage		
2341	middle and late Miocene upper Mohnian Stage		
2342	middle and late Miocene upper Mohnian Stage		
2343	middle and late Miocene upper Mohnian Stage		
2344	middle and late Miocene Mohnian Stage		
2345	middle and late Miocene Mohnian Stage		
2346	middle and late Miocene Mohnian Stage		
2347	middle and late Miocene Mohnian Stage		
2348	middle and late Miocene Mohnian Stage		
2349	middle and late Miocene Mohnian Stage		
2350	middle and late Miocene Mohnian Stage		
2351	middle and late Miocenelower Mohnian Stage		
2352	middle and late Miocenelower Mohnian Stage		
2353	middle and late Miocenelower Mohnian Stage		
2354	middle Miocene Luisian Stage		
2355	early Miocene Relizian Stage		
2356	early Miocene Saucesian Stage		
2357	early Miocene Saucesian Stage		
2358	early Miocene Saucesian Stage		
2359	early Miocene Saucesian Stage		
2360	early Miocene Saucesian Stage		
2361	early Miocene Saucesian Stage		
2362	early Miocene Saucesian Stage		
2363	early Miocene Saucesian Stage		
2364	early Miocene Saucesian Stage		
2365	early Miocene Saucesian Stage		
2366	nonmarine		
2367	Cretaceous arenaceous foraminifers		
2368	Cretaceous arenaceous foraminifers		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
2369	Cretaceous arenaceous foraminifers		
2370	early Eocene D Zone		
2371	early Eocene D Zone		
2372	early Eocene D Zone		
2373	early Eocene D Zone		
2374	early Eocene D Zone		
2375	early Eocene D Zone		
2376	early Eocene C Zone		
2377	early Eocene C Zone		
2378	early Eocene C Zone		
2379	early Eocene C Zone		
2380	early Eocene C Zone		
2381	early Eocene C Zone		
2382	early Eocene C Zone		
2383	early Eocene C Zone		
2384	early Eocene C Zone		
2385	early Eocene C Zone		
2386	early Eocene C Zone		
2387	early Eocene C Zone		
2388	early Eocene C Zone		
2389	early Eocene C Zone		
2390	early Eocene C Zone		
2391	early Eocene C Zone		
2392	early Eocene C Zone		
2393	early Eocene C Zone		
2394	early Eocene C Zone		
2395	early Eocene C Zone		
2396	early Eocene C Zone		
2397	early Eocene C Zone		
2398	early Eocene C Zone		
2399	early Eocene C Zone		
2400	early Eocene C Zone		
2401	early Eocene C Zone		
2402	early Eocene C Zone		
2403	early Eocene C Zone		
2404	early Eocene C Zone		
2405	early Eocene C Zone		
2406	early Eocene C Zone		
2407	early Eocene C Zone		
2408	early Eocene C Zone		
2409	early Eocene C Zone		
2410	early Eocene C Zone		
2411	early Eocene B-4 Zone		
2412	early Eocene B-4 Zone		
2413	early Eocene B-4 Zone		
2414	early Eocene B-4 Zone		
2415	early Eocene B-4 Zone		
2416	early Eocene B-4 Zone		
2417	early Eocene B-4 Zone		
2418	early Eocene B-2 and B-3 Zones		
2419	early Eocene B-2 and B-3 Zones		
2420	early Eocene B-2 and B-3 Zones		
2421	early Eocene B-2 and B-3 Zones		
2422	early Eocene B-2 and B-3 Zones		
2423	early Eocene B-2 and B-3 Zones		
2424	early Eocene B-2 and B-3 Zones		
2425	early Eocene B-2 and B-3 Zones		
2426	early Eocene B-2 and B-3 Zones		
2427	early Eocene B-2 and B-3 Zones		
2428	early Eocene B-2 and B-3 Zones		
2429	early Eocene B-2 and B-3 Zones		
2430	early Eocene B-2 and B-3 Zones		
2431	early Eocene B-2 and B-3 Zones		
2432	early Eocene B-2 and B-3 Zones		
2433	early Eocene B-2 and B-3 Zones		
2434	early Eocene B-2 and B-3 Zones		
2435	early Eocene B-2 and B-3 Zones		
2436	early Eocene B-2 and B-3 Zones		
2437	early Eocene B-2 and B-3 Zones		
2438	early Eocene B-2 and B-3 Zones		
2439	early Eocene B-2 and B-3 Zones		
2440	early Eocene B-2 and B-3 Zones		
2441	no age provided		
2442	no age provided		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
2443	no age provided		
2444	no age provided		
2445	middle and late Miocene Mohnian Stage		
2446	Eocene		
2447	Eocene		
2448	Eocene		
2449	Eocene		
2450	middle and late Miocene Mohnian Stage		
2451	middle and late Miocene Mohnian Stage		
2452	middle and late Miocene Mohnian Stage		
2453	middle and late Miocene Mohnian Stage		
2454	middle and late Miocene Mohnian Stage		
2455	middle and late Miocene Mohnian Stage		
2456	middle Miocene Luisian Stage		
2457	middle Miocene Luisian Stage		
2458	middle Miocene Luisian Stage		
2459	middle Miocene Luisian Stage		
2460	middle Miocene Luisian Stage		
2461	middle Miocene Luisian Stage		
2462	early Miocene Relizian Stage		
2463	early Miocene Relizian Stage		
2464	early Miocene Relizian Stage		
2465	early Miocene Saucesian Stage		
2466	early Miocene Saucesian Stage		
2467	early Miocene Saucesian Stage		
2468	early Miocene Saucesian Stage		
2469	early Miocene Saucesian Stage		
2470	early Miocene Saucesian Stage		
2471	middle and late Miocene Mohnian Stage		
2472	possibly Paleocene		
2473	possibly Paleocene		
2474	possibly Paleocene		
2475	Pliocene		
2476	Pliocene		
2477	Pliocene		
2478	Pliocene		
2479	Pliocene		
2480	Pliocene		
2481	Pliocene		
2482	Pliocene		
2483	Pliocene		
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2493	Pliocene		
2494	Pliocene		
2495	Pliocene		
2496	Pliocene		
2497	Pliocene		
2498	Pliocene		
2499	Pliocene		
2500	Pliocene		
2501	Pliocene		
2502	Pliocene		
2503	Pliocene		
2504	Pliocene		
2505	Pliocene		
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2509	Pliocene		
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2511	Pliocene		
2512	Pliocene		
2513	Pliocene		
2514	Pliocene		
2515	Pliocene		
2516	Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
2517	Pliocene		
2518	Pliocene		
2519	Pliocene		
2520	Pliocene		
2521	Pliocene		
2522	Pliocene		
2523	Pliocene		
2524	Pliocene		
2525	Pliocene		
2526	Pliocene		
2527	Pliocene		
2528	Pliocene		
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2536	Pliocene		
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2541	Pliocene		
2542	Pliocene		
2543	Pliocene		
2544	Pliocene		
2545	Pliocene		
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2583	Pliocene		
2584	Pliocene		
2585	Pliocene		
2586	Pliocene		
2587	Pliocene		
2588	Pliocene		
2589	Pliocene		
2590	Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
2591	Pliocene		
2592	Pliocene		
2593	Pliocene		
2594	Pliocene		
2595	Pliocene		
2596	Pliocene		
2597	Pliocene		
2598	Pliocene		
2599	Pliocene		
2600	Pliocene		
2601	Pliocene		
2602	Pliocene		
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2632	Pliocene		
2633	Pliocene		
2634	Pliocene		
2635	Pliocene		
2636	Pliocene		
2637	Pliocene		
2638	Pliocene		
2639	Pliocene		
2640	Pliocene		
2641	Pliocene		
2642	Pliocene		
2643	Pliocene		
2644	Pliocene		
2645	Pliocene		
2646	Pliocene		
2647	Pliocene		
2648	Pliocene		
2649	Pliocene		
2650	Pliocene		
2651	Pliocene		
2652	Pliocene		
2653	Pliocene		
2654	Pliocene		
2655	Pliocene		
2656	Pliocene		
2657	Pliocene		
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2659	Pliocene		
2660	Pliocene		
2661	Pliocene		
2662	Pliocene		
2663	Pliocene		
2664	Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
2665	Pliocene		
2666	Pliocene		
2667	Pliocene		
2668	Pliocene		
2669	Pliocene		
2670	Pliocene		
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2672	Pliocene		
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2693	Pliocene		
2694	Pliocene		
2695	Pliocene		
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2697	Pliocene		
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2699	Pliocene		
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2701	Pliocene		
2702	Pliocene		
2703	Pliocene		
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2722	Pliocene		
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2724	Pliocene		
2725	Pliocene		
2726	Pliocene		
2727	Pliocene		
2728	Pliocene		
2729	Pliocene		
2730	Pliocene		
2731	Pliocene		
2732	Pliocene		
2733	Pliocene		
2734	Pliocene		
2735	Pliocene		
2736	Pliocene		
2737	Pliocene		
2738	Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
2739	Pliocene		
2740	Pliocene		
2741	Pliocene		
2742	Pliocene		
2743	Pliocene		
2744	Pliocene		
2745	Pliocene		
2746	Pliocene		
2747	Pliocene		
2748	Pliocene		
2749	Pliocene		
2750	Pliocene		
2751	Pliocene		
2752	Pliocene		
2753	Pliocene		
2754	Pliocene		
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2757	Pliocene		
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2762	Pliocene		
2763	Pliocene		
2764	Pliocene		
2765	Pliocene		
2766	Pliocene		
2767	Pliocene		
2768	Pliocene		
2769	Pliocene		
2770	Pliocene		
2771	Pliocene		
2772	Pliocene		
2773	Pliocene		
2774	Pliocene		
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2776	Pliocene		
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2785	Pliocene		
2786	Pliocene		
2787	Pliocene		
2788	Pliocene		
2789	Pliocene		
2790	Pliocene		
2791	Pliocene		
2792	Pliocene		
2793	Pliocene		
2794	Pliocene		
2795	Pliocene		
2796	Pliocene		
2797	Pliocene		
2798	Pliocene		
2799	Pliocene		
2800	Late Cretaceous or Paleocene		
2801	middle Eocene Chiphragmalithus quadratus Zone		
2802	middle Eocene Chiphragmalithus quadratus Zone		
2803	middle Eocene Chiphragmalithus quadratus Zone		
2804	middle Eocene Chiphragmalithus quadratus Zone		
2805	middle Eocene Chiphragmalithus quadratus Zone		
2806	middle Eocene Chiphragmalithus quadratus Zone		
2807	middle Eocene Chiphragmalithus quadratus Zone		
2808	middle Eocene Chiphragmalithus quadratus Zone		
2809	middle Eocene Chiphragmalithus quadratus Zone		
2810	middle Eocene Chiphragmalithus quadratus Zone		
2811	middle Eocene Discoaster martinii Zone		
2812	middle and late Miocene Mohnian Stage		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
2813	middle and late Miocene Mohnian Stage		
2814	middle and late Miocene Mohnian Stage		
2815	middle and late Miocene Mohnian Stage		
2816	middle and late Miocene Mohnian Stage		
2817	middle and late Miocene Mohnian Stage		
2818	middle and late Miocene Mohnian Stage		
2819	middle and late Miocene Mohnian Stage		
2820	middle and late Miocene Mohnian Stage		
2821	middle Miocene Luisian Stage		
2822	middle Miocene Luisian Stage		
2823	middle Miocene Luisian Stage		
2824	middle Miocene Luisian Stage		
2825	middle Miocene Luisian Stage		
2826	middle Miocene Luisian Stage		
2827	middle Miocene Luisian Stage		
2828	middle Miocene Luisian Stage		
2829	middle Miocene Relizian Stage		
2830	early Miocene Saucesian Stage		
2831	early Miocene Saucesian Stage		
2832	early Miocene Saucesian Stage		
2833	early Miocene Saucesian Stage		
2834	early Miocene Saucesian Stage		
2835	early Miocene Saucesian Stage		
2836	early Miocene Saucesian Stage		
2837	early Miocene Saucesian Stage		
2838	early Miocene Saucesian Stage		
2839	early Miocene Saucesian Stage		
2840	early Miocene Saucesian Stage		
2841	early Miocene Saucesian Stage		
2842	early Miocene Saucesian Stage		
2843	middle and late Miocene Mohnian Stage		
2844	Eocene		
2845	Eocene		
2846	Eocene		
2847	Eocene		
2848	middle and late Miocene upper Mohnian Stage		
2849	middle and late Miocene upper Mohnian Stage		
2850	middle and late Miocene upper Mohnian Stage		
2851	middle and late Miocene upper Mohnian Stage		
2852	middle and late Miocene upper Mohnian Stage		
2853	middle and late Miocene upper Mohnian Stage		
2854	middle and late Miocene upper Mohnian Stage		
2855	middle and late Miocene upper Mohnian Stage		
2856	middle and late Miocene upper Mohnian Stage		
2857	middle and late Miocene Mohnian Stage		
2858	middle and late Miocene Mohnian Stage		
2859	middle and late Miocene Mohnian Stage		
2860	middle and late Miocene Mohnian Stage		
2861	middle and late Miocene Mohnian Stage		
2862	middle and late Miocene lower Mohnian Stage		
2863	middle and late Miocene lower Mohnian Stage		
2864	middle and late Miocene lower Mohnian Stage		
2865	middle Miocene Luisian Stage		
2866	middle Miocene Luisian Stage		
2867	middle Miocene Luisian Stage		
2868	middle Miocene Luisian Stage		
2869	early Miocene upper Saucesian Stage		
2870	early Miocene Saucesian Stage		
2871	early Miocene Saucesian Stage		
2872	early Miocene Saucesian Stage		
2873	early Miocene Saucesian Stage		
2874	early Miocene Saucesian Stage		
2875	early Miocene upper Saucesian Stage		
2876	early Miocene Saucesian Stage		
2877	early Miocene Saucesian Stage		
2878	middle and late Miocene Mohnian Stage		
2879	Late Cretaceous F-2 or G-1 Zone		
2880	Eocene		
2881	Eocene		
2882	Eocene		
2883	Eocene		
2884	Eocene		
2885	middle and late Miocene upper Mohnian Stage		
2886	middle and late Miocene upper Mohnian Stage		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
2887	middle and late Miocene upper Mohnian Stage		
2888	middle and late Miocene upper Mohnian Stage		
2889	middle and late Miocene upper Mohnian Stage		
2890	middle and late Miocene Mohnian Stage		
2891	middle and late Miocene Mohnian Stage		
2892	middle and late Miocene Mohnian Stage		
2893	middle and late Miocene lower Mohnian Stage		
2894	middle and late Miocene lower Mohnian Stage		
2895	middle and late Miocene lower Mohnian Stage		
2896	middle Miocene Luisian Stage		
2897	middle Miocene Luisian Stage		
2898	early Miocene Saucesian Stage		
2899	early Miocene Saucesian Stage		
2900	early Miocene Saucesian Stage		
2901	early Miocene Saucesian Stage		
2902	middle and late Miocene Mohnian Stage		
2903	middle and late Miocene Mohnian Stage		
2904	middle and late Miocene Mohnian Stage		
2905	middle and late Miocene Mohnian Stage		
2906	middle and late Miocene Mohnian Stage		
2907	middle and late Miocene Mohnian Stage		
2908	middle and late Miocene Mohnian Stage		
2909	middle and late Miocene Mohnian Stage		
2910	early Miocene Relizian Stage		
2911	early Miocene Relizian Stage		
2912	early Miocene Saucesian Stage		
2913	early Miocene Saucesian Stage		
2914	early Miocene Saucesian Stage		
2915	Eocene		
2916	Eocene		
2917	Eocene		
2918	Eocene		
2919	early Eocene D Zone		
2920	early Eocene D Zone		
2921	early Eocene D Zone		
2922	middle and late Miocene upper Mohnian Stage		
2923	middle and late Miocene upper Mohnian Stage		
2924	middle and late Miocene upper Mohnian Stage		
2925	middle and late Miocene upper Mohnian Stage		
2926	middle and late Miocene upper Mohnian Stage		
2927	middle and late Miocene upper Mohnian Stage		
2928	middle and late Miocene upper Mohnian Stage		
2929	middle and late Miocene lower Mohnian Stage		
2930	middle Miocene Luisian Stage		
2931	middle Miocene Luisian Stage		
2932	middle Miocene Luisian Stage		
2933	middle Miocene Luisian Stage		
2934	middle Miocene Luisian Stage		
2935	early Miocene Relizian Stage		
2936	early Miocene Saucesian Stage		
2937	early Miocene Saucesian Stage		
2938	early Miocene Saucesian Stage		
2939	early Miocene Saucesian Stage		
2940	early Miocene Saucesian Stage		
2941	early Miocene Saucesian Stage		
2942	Eocene		
2943	Eocene		
2944	Pliocene		
2945	Pliocene		
2946	middle and late Miocene Mohnian Stage		
2947	middle and late Miocene Mohnian Stage		
2948	middle and late Miocene Mohnian Stage		
2949	middle Miocene Luisian Stage		
2950	middle Miocene Luisian Stage		
2951	middle Miocene Luisian Stage		
2952	Eocene		
2953	Eocene		
2954	Eocene		
2955	Eocene		
2956	Eocene		
2957	Eocene		
2958	Eocene		
2959	Eocene		
2960	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
2961	middle Miocene Luisian Stage		
2962	middle Miocene Luisian Stage		
2963	possibly early Miocene Saucesian Stage		
2964	possibly early Miocene Saucesian Stage		
2965	possibly early Miocene Saucesian Stage		
2966	possibly early Miocene Saucesian Stage		
2967	possibly early Miocene Saucesian Stage		
2968	possibly early Miocene Saucesian Stage		
2969	possibly early Miocene Saucesian Stage		
2970	possibly early Miocene Saucesian Stage		
2971	possibly early Miocene Saucesian Stage		
2972	middle and late Miocene Mohnian Stage		
2973	middle and late Miocene Mohnian Stage		
2974	middle and late Miocene Mohnian Stage		
2975	middle and late Miocene Mohnian Stage		
2976	middle and late Miocene Mohnian Stage		
2977	middle and late Miocene Mohnian Stage		
2978	middle and late Miocene Mohnian Stage		
2979	middle and late Miocene Mohnian Stage		
2980	middle and late Miocene Mohnian Stage		
2981	middle and late Miocene Mohnian Stage		
2982	middle and late Miocene Mohnian Stage		
2983	middle and late Miocene Mohnian Stage		
2984	middle and late Miocene Mohnian Stage		
2985	middle and late Miocene Mohnian Stage		
2986	middle and late Miocene Mohnian Stage		
2987	middle Miocene Luisian Stage		
2988	middle Miocene Luisian Stage		
2989	middle Miocene Luisian Stage		
2990	Eocene		
2991	Eocene		
2992	Eocene		
2993	Eocene		
2994	Eocene		
2995	Paleocene		
2996	Paleocene		
2997	middle and late Miocene Mohnian Stage		
2998	middle and late Miocene Mohnian Stage		
2999	middle and late Miocene Mohnian Stage		
3000	middle and late Miocene Mohnian Stage		
3001	middle and late Miocene Mohnian Stage		
3002	middle and late Miocene Mohnian Stage		
3003	middle and late Miocene Mohnian Stage		
3004	middle and late Miocene Mohnian Stage		
3005	middle and late Miocene Mohnian Stage		
3006	middle and late Miocene Mohnian Stage		
3007	middle and late Miocene Mohnian Stage		
3008	middle and late Miocene Mohnian Stage		
3009	middle and late Miocene Mohnian Stage		
3010	middle and late Miocene Mohnian Stage		
3011	middle Miocene Luisian Stage		
3012	middle Miocene Luisian Stage		
3013	middle Miocene Luisian Stage		
3014	early Miocene Saucesian Stage		
3015	early Miocene Saucesian Stage		
3016	early Miocene Saucesian Stage		
3017	early Miocene Saucesian Stage		
3018	early Miocene Saucesian Stage		
3019	early Miocene Saucesian Stage		
3020	early Miocene Saucesian Stage		
3021	early Miocene Saucesian Stage		
3022	early Miocene Saucesian Stage		
3023	early Miocene Saucesian Stage		
3024	early Miocene Saucesian Stage		
3025	early Miocene Saucesian Stage		
3026	Eocene		
3027	Eocene		
3028	Eocene		
3029	Pliocene		
3030	Pliocene		
3031	middle and late Miocene Mohnian Stage		
3032	middle and late Miocene Mohnian Stage		
3033	middle and late Miocene Mohnian Stage		
3034	middle and late Miocene Mohnian Stage		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
3035	middle and late Miocene Mohnian Stage		
3036	middle and late Miocene Mohnian Stage		
3037	middle and late Miocene Mohnian Stage		
3038	middle Miocene Luisian Stage		
3039	middle Miocene Luisian Stage		
3040	middle Miocene Luisian Stage		
3041	middle Miocene Luisian Stage		
3042	middle Miocene Luisian Stage		
3043	early Miocene Saucesian Stage		
3044	early Miocene Saucesian Stage		
3045	early Miocene Saucesian Stage		
3046	late Paleocene E zone		
3047	late Paleocene E zone		
3048	Eocene		
3049	Eocene		
3050	Eocene		
3051	Pliocene		
3052	middle and late Miocene Mohnian Stage		
3053	middle and late Miocene Mohnian Stage		
3054	middle and late Miocene lower Mohnian Stage		
3055	middle and late Miocene lower Mohnian Stage		
3056	middle and late Miocene lower Mohnian Stage		
3057	middle Miocene Luisian Stage		
3058	middle Miocene Luisian Stage		
3059	middle Miocene Luisian Stage		
3060	middle Miocene Luisian Stage		
3061	middle Miocene Luisian Stage		
3062	middle Miocene Luisian Stage		
3063	middle Miocene Luisian Stage		
3064	early Miocene Saucesian Stage		
3065	early Miocene Saucesian Stage		
3066	early Miocene Saucesian Stage		
3067	early Miocene Saucesian Stage		
3068	early Miocene Saucesian Stage		
3069	early Miocene Saucesian Stage		
3070	early Miocene Saucesian Stage		
3071	early Miocene Saucesian Stage		
3072	early Miocene Saucesian Stage		
3073	Eocene or Paleocene		
3074	Eocene or Paleocene		
3075	Eocene or Paleocene		
3076	Eocene or Paleocene		
3077	Eocene or Paleocene		
3078	Pliocene		
3079	middle and late Miocene lower Mohnian Stage		
3080	middle Miocene Luisian Stage		
3081	middle Miocene Luisian Stage		
3082	early Miocene Saucesian Stage		
3083	early Miocene Saucesian Stage		
3084	early Miocene Saucesian Stage		
3085	early Miocene Saucesian Stage		
3086	early Miocene Saucesian Stage		
3087	early Miocene Saucesian Stage		
3088	early Miocene Saucesian Stage		
3089	early Miocene Saucesian Stage		
3090	early Miocene Saucesian Stage		
3091	early Miocene Saucesian Stage		
3092	early Miocene Saucesian Stage		
3093	early Miocene Saucesian Stage		
3094	early Miocene Saucesian Stage		
3095	early Miocene Saucesian Stage		
3096	early Miocene Saucesian Stage		
3097	early Miocene Saucesian Stage		
3098	early Miocene Saucesian Stage		
3099	early Miocene Saucesian Stage		
3100	early Miocene Saucesian Stage		
3101	Eocene		
3102	Eocene		
3103	Eocene		
3104	Eocene		
3105	middle Miocene Luisian Stage		
3106	early or middle Miocene Relizian or Luisian Stage		
3107	early or middle Miocene Relizian or Luisian Stage		
3108	middle Miocene Luisian Stage		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
3109	early or middle Miocene Relizian or Luisian Stage		
3110	early Miocene Saucesian? Stage		
3111	early Miocene Saucesian? Stage		
3112	middle Miocene Luisian Stage		
3113	middle Miocene Luisian Stage		
3114	middle Miocene Luisian Stage		
3115	middle Miocene Luisian Stage		
3116	middle Miocene Luisian Stage		
3117	middle Miocene		
3118	middle Miocene		
3119	middle Miocene		
3120	middle Miocene		
3121	middle Miocene		
3122	middle Miocene		
3123	middle Miocene		
3124	early or middle Miocene		
3125	early Miocene Saucesian Stage		
3126	early Miocene Saucesian Stage		
3127	early Miocene Saucesian Stage		
3128	early Miocene Saucesian Stage		
3129	early Miocene Saucesian Stage		
3130	early Miocene Saucesian Stage		
3131	early Miocene Saucesian Stage		
3132	early Miocene Saucesian Stage		
3133	nonmarine		
3134	Paleocene		
3135	Paleocene		
3136	Paleocene		
3137	Paleocene		
3138	Paleocene		
3139	Paleocene		
3140	Paleocene		
3141	Paleocene		
3142	Paleocene		
3143	Paleocene		
3144	Paleocene		
3145	Paleocene		
3146	Paleocene		
3147	Paleocene		
3148	Paleocene		
3149	Paleocene		
3150	Paleocene		
3151	Paleocene		
3152	Paleocene		
3153	Paleocene		
3154	Paleocene		
3155	Paleocene		
3156	Paleocene		
3157	Paleocene		
3158	Paleocene		
3159	Paleocene		
3160	Paleocene		
3161	Paleocene		
3162	Paleocene		
3163	Paleocene		
3164	Paleocene		
3165	Paleocene		
3166	Paleocene		
3167	Paleocene		
3168	Paleocene		
3169	Paleocene		
3170	Paleocene		
3171	Paleocene		
3172	Paleocene		
3173	Paleocene		
3174	Paleocene		
3175	Paleocene		
3176	Paleocene		
3177	Paleocene		
3178	Paleocene		
3179	Paleocene		
3180	Paleocene		
3181	Paleocene		
3182	Paleocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
3183	Paleocene		
3184	Paleocene		
3185	Paleocene		
3186	Paleocene		
3187	Paleocene		
3188	Paleocene		
3189	Paleocene		
3190	Eocene		
3191	Eocene		
3192	Eocene		
3193	Eocene		
3194	Eocene		
3195	Eocene		
3196	Eocene		
3197	Eocene		
3198	Eocene		
3199	Eocene		
3200	Eocene		
3201	Eocene		
3202	Eocene		
3203	Eocene		
3204	Eocene		
3205	Eocene		
3206	Eocene		
3207	Eocene		
3208	Eocene		
3209	Eocene		
3210	Eocene		
3211	Eocene		
3212	Eocene		
3213	Eocene		
3214	Late Cretaceous		
3215	Late Cretaceous G-1 Zone		
3216	Late Cretaceous		
3217	Late Cretaceous G-1 Zone		
3218	Late Cretaceous G-1 Zone		
3219	Eocene		
3220	Eocene		
3221	Eocene		
3222	Eocene		
3223	Eocene		
3224	Eocene		
3225	Eocene		
3226	Eocene		
3227	Eocene		
3228	Eocene		
3229	middle Eocene A-1 Zone		
3230	middle Eocene A-1 Zone		
3231	middle Eocene A-1 Zone		
3232	middle Eocene A-1 Zone		
3233	middle Eocene A-1 Zone		
3234	middle Eocene A-1 Zone		
3235	middle Eocene Narizian Stage		
3236	Eocene		
3237	Eocene		
3238	Eocene		
3239	Eocene		
3240	Eocene		
3241	Eocene		
3242	Eocene		
3243	Eocene		
3244	Eocene		
3245	Cretaceous arenaceous foraminifers		
3246	Cretaceous arenaceous foraminifers		
3247	Cretaceous arenaceous foraminifers		
3248	Cretaceous arenaceous foraminifers		
3249	Cretaceous arenaceous foraminifers		
3250	Cretaceous arenaceous foraminifers		
3251	Cretaceous arenaceous foraminifers		
3252	Cretaceous arenaceous foraminifers		
3253	Cretaceous arenaceous foraminifers		
3254	Eocene		
3255	Eocene		
3256	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
3257	Eocene		
3258	Eocene		
3259	Eocene		
3260	Eocene		
3261	Eocene		
3262	Eocene		
3263	Late Cretaceous F-1 Zone		
3264	Eocene		
3265	Eocene		
3266	Eocene		
3267	Paleocene or Eocene		
3268	Paleocene or Eocene		
3269	Paleocene or Eocene		
3270	Paleocene or Eocene		
3271	Paleocene or Eocene		
3272	Paleocene or Eocene		
3273	Paleocene or Eocene		
3274	Paleocene or Eocene		
3275	Paleocene or Eocene		
3276	Paleocene or Eocene		
3277	Paleocene or Eocene		
3278	Paleocene or Eocene		
3279	Paleocene or Eocene		
3280	early Eocene		
3281	early Eocene		
3282	early Eocene		
3283	early Eocene		
3284	early Eocene		
3285	early Eocene		
3286	early Eocene		
3287	early Eocene		
3288	early Eocene		
3289	early Eocene		
3290	early Eocene		
3291	early Eocene		
3292	early Eocene		
3293	early Eocene		
3294	Eocene		
3295	no ages given but possibly Eocene		
3296	no ages given but possibly Eocene		
3297	no ages given but possibly Eocene		
3298	no ages given but possibly Eocene		
3299	no ages given but possibly Eocene		
3300	no ages given but possibly Eocene		
3301	no ages given but possibly Eocene		
3302	no ages given but possibly Eocene		
3303	no ages given but possibly Eocene		
3304	no ages given but possibly Eocene		
3305	no ages given but possibly Eocene		
3306	no ages given but possibly Eocene		
3307	no ages given but possibly Eocene		
3308	no ages given but possibly Eocene		
3309	no ages given but possibly Eocene		
3310	no ages given but possibly Eocene		
3311	no ages given but possibly Eocene		
3312	no ages given but possibly Eocene		
3313	no ages given but possibly Eocene		
3314	no ages given but possibly Eocene		
3315	no ages given but possibly Eocene		
3316	no ages given but possibly Eocene		
3317	no ages given but possibly Eocene		
3318	no ages given but possibly Eocene		
3319	no ages given but possibly Eocene		
3320	no ages given but possibly Eocene		
3321	no ages given but possibly Eocene		
3322	no ages given but possibly Eocene		
3323	no ages given but possibly Eocene		
3324	no ages given but possibly Eocene		
3325	no ages given but possibly Eocene		
3326	no ages given but possibly Eocene		
3327	no ages given but possibly Eocene		
3328	no ages given but possibly Eocene		
3329	no ages given but possibly Eocene		
3330	no ages given but possibly Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
3331	no ages given but possibly Eocene		
3332	no ages given but possibly Eocene		
3333	no ages given but possibly Eocene		
3334	no ages given but possibly Eocene		
3335	no ages given but possibly Eocene		
3336	no ages given but possibly Eocene		
3337	no ages given but possibly Eocene		
3338	no ages given but possibly Eocene		
3339	no ages given but possibly Eocene		
3340	no ages given but possibly Eocene		
3341	no ages given but possibly Eocene		
3342	no ages given but possibly Eocene		
3343	no ages given but possibly Eocene		
3344	no ages given but possibly Eocene		
3345	no ages given but possibly Eocene		
3346	no ages given but possibly Eocene		
3347	no ages given but possibly Eocene		
3348	no ages given but possibly Eocene		
3349	Late Cretaceous or Paleocene		
3350	late Miocene?		
3351	early Eocene		
3352	early Eocene		
3353	early Eocene		
3354	early Eocene		
3355	early Eocene		
3356	early Eocene		
3357	early Eocene		
3358	early Eocene		
3359	early Eocene		
3360	early Eocene		
3361	early Eocene		
3362	early Eocene		
3363	early Eocene		
3364	early Eocene		
3365	early Eocene		
3366	early Eocene		
3367	Late Cretaceous G-1 Zone		
3368	Late Cretaceous G-1 Zone		
3369	Late Cretaceous G-1 Zone		
3370	Late Cretaceous G-1 Zone		
3371	Late Cretaceous G-1 Zone		
3372	Late Cretaceous G-1 Zone		
3373	Late Cretaceous G-1 Zone		
3374	Late Cretaceous G-1 Zone		
3375	Late Cretaceous G-1 Zone		
3376	Late Cretaceous G-1 Zone		
3377	Late Cretaceous G-1 Zone		
3378	Late Cretaceous G-1 Zone		
3379	Late Cretaceous G-1 Zone		
3380	Late Cretaceous F-2 Zone		
3381	Late Cretaceous F-2 Zone		
3382	Late Cretaceous F-2 Zone		
3383	Late Cretaceous F-2 Zone		
3384	Late Cretaceous F-2 Zone		
3385	Late Cretaceous F-2 Zone		
3386	Late Cretaceous F-2 Zone		
3387	Late Cretaceous F-2 Zone		
3388	Late Cretaceous F-2 Zone		
3389	Late Cretaceous F-2 Zone		
3390	Late Cretaceous F-1 Zone		
3391	Late Cretaceous F-1 Zone		
3392	Late Cretaceous F-1 Zone		
3393	Late Cretaceous F-1 Zone		
3394	Late Cretaceous F-1 Zone		
3395	Late Cretaceous F-1 Zone		
3396	Late Cretaceous F-1 Zone		
3397	Late Cretaceous F-1 Zone		
3398	Late Cretaceous F-1 Zone		
3399	Late Cretaceous F-1 Zone		
3400	Late Cretaceous G-1 Zone		
3401	Late Cretaceous G-1 Zone		
3402	Late Cretaceous G-1 Zone		
3403	Late Cretaceous G-1 Zone		
3404	Late Cretaceous F-2 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
3405	Late Cretaceous F-2 Zone		
3406	Late Cretaceous F-1? Zone		
3407	Late Cretaceous F-1? Zone		
3408	Late Cretaceous F-1? Zone		
3409	Late Cretaceous F-1? Zone		
3410	Late Cretaceous F-1? Zone		
3411	Late Cretaceous F-1? Zone		
3412	Late Cretaceous F-1? Zone		
3413	Late Cretaceous F-1? Zone		
3414	Late Cretaceous F-1? Zone		
3415	Late Cretaceous F-1? Zone		
3416	Late Cretaceous F-1? Zone		
3417	Late Cretaceous F-1? Zone		
3418	Late Cretaceous F-1? Zone		
3419	Late Cretaceous F-1? Zone		
3420	Late Cretaceous F-1? Zone		
3421	Late Cretaceous F-1? Zone		
3422	Late Cretaceous F-1? Zone		
3423	Late Cretaceous F-1? Zone		
3424	Late Cretaceous F-1? Zone		
3425	late Miocene and Pliocene		
3426	late Miocene and Pliocene		
3427	late Miocene and Pliocene		
3428	late Miocene and Pliocene		
3429	middle Eocene		
3430	middle Eocene		
3431	middle Eocene		
3432	middle Eocene		
3433	middle Eocene		
3434	middle Eocene		
3435	middle Eocene		
3436	middle Eocene		
3437	middle Eocene		
3438	middle Eocene		
3439	middle Eocene		
3440	middle Eocene		
3441	middle Eocene		
3442	middle Eocene		
3443	middle Eocene		
3444	middle Eocene		
3445	middle Eocene		
3446	middle Eocene		
3447	middle Eocene		
3448	middle Eocene		
3449	middle Eocene		
3450	middle Eocene A-2 Zone		
3451	middle Eocene A-2 Zone		
3452	middle Eocene A-2 Zone		
3453	middle Eocene A-2 Zone		
3454	middle Eocene A-2 Zone		
3455	middle Eocene A-2 Zone		
3456	middle Eocene A-2 Zone		
3457	middle Eocene A-2 Zone		
3458	middle Eocene A-2 Zone		
3459	middle Eocene A-2 Zone		
3460	middle Eocene A-2 Zone		
3461	middle Eocene A-2 Zone		
3462	middle Eocene A-2 Zone		
3463	middle Eocene A-2 Zone		
3464	middle Eocene A-2 Zone		
3465	middle Eocene A-1 Zone		
3466	middle Eocene A-2 Zone		
3467	middle Eocene A-2 Zone		
3468	Eocene		
3469	Eocene		
3470	Eocene		
3471	Eocene		
3472	Eocene		
3473	Eocene		
3474	Eocene		
3475	Eocene		
3476	Late Cretaceous		
3477	Late Cretaceous		
3478	Late Cretaceous		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
3479	Late Cretaceous		
3480	Late Cretaceous		
3481	Late Cretaceous		
3482	Late Cretaceous		
3483	Late Cretaceous		
3484	Late Cretaceous		
3485	Late Cretaceous		
3486	Late Cretaceous		
3487	Late Cretaceous		
3488	Late Cretaceous F-2 Zone		
3489	Late Cretaceous		
3490	Late Cretaceous arenaceous foraminifers		
3491	Late Cretaceous arenaceous foraminifers		
3492	Late Cretaceous arenaceous foraminifers		
3493	Late Cretaceous arenaceous foraminifers		
3494	Late Cretaceous arenaceous foraminifers		
3495	Late Cretaceous arenaceous foraminifers		
3496	Paleocene		
3497	Paleocene		
3498	Paleocene		
3499	Paleocene		
3500	Paleocene		
3501	Paleocene		
3502	Paleocene		
3503	Paleocene		
3504	Paleocene		
3505	Paleocene		
3506	Paleocene		
3507	Paleocene		
3508	Paleocene		
3509	Paleocene		
3510	Paleocene		
3511	Paleocene		
3512	Paleocene		
3513	Paleocene		
3514	Paleocene		
3515	Eocene		
3516	Eocene		
3517	Eocene		
3518	Eocene		
3519	Eocene		
3520	Eocene		
3521	Eocene		
3522	Eocene		
3523	Eocene		
3524	Eocene		
3525	Eocene		
3526	Eocene		
3527	Eocene		
3528	Eocene		
3529	Eocene		
3530	Eocene		
3531	Eocene		
3532	Eocene		
3533	Eocene		
3534	Eocene		
3535	Eocene		
3536	Eocene		
3537	Eocene		
3538	Cretaceous		
3539	Cretaceous		
3540	Paleocene		
3541	Paleocene		
3542	Paleocene		
3543	Paleocene		
3544	Paleocene		
3545	Paleocene		
3546	Eocene		
3547	Eocene		
3548	Eocene		
3549	Eocene		
3550	Eocene		
3551	Eocene		
3552	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
3553	Eocene		
3554	Eocene		
3555	Eocene		
3556	Eocene		
3557	Eocene		
3558	Eocene		
3559	Eocene		
3560	Eocene		
3561	Eocene		
3562	Eocene		
3563	Eocene		
3564	Eocene		
3565	Eocene		
3566	Eocene		
3567	Eocene		
3568	Eocene		
3569	Eocene		
3570	Eocene		
3571	Eocene		
3572	Eocene		
3573	Eocene		
3574	Eocene		
3575	Eocene		
3576	Eocene		
3577	Eocene		
3578	Eocene		
3579	Eocene		
3580	Eocene		
3581	Eocene		
3582	Eocene		
3583	Eocene		
3584	Eocene		
3585	Eocene		
3586	Eocene		
3587	Eocene		
3588	Eocene		
3589	Eocene		
3590	Eocene		
3591	Eocene		
3592	Eocene		
3593	Eocene		
3594	Eocene		
3595	Eocene		
3596	Eocene		
3597	Eocene		
3598	Eocene		
3599	Eocene		
3600	Eocene		
3601	Eocene		
3602	Eocene		
3603	Eocene		
3604	Eocene		
3605	Eocene		
3606	Eocene		
3607	Eocene		
3608	Eocene		
3609	Eocene		
3610	Eocene		
3611	Eocene		
3612	Eocene		
3613	Eocene		
3614	Eocene		
3615	Eocene		
3616	Eocene		
3617	Eocene		
3618	Eocene		
3619	Eocene		
3620	Eocene		
3621	Eocene		
3622	Eocene		
3623	Eocene		
3624	Eocene		
3625	Eocene		
3626	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
3627	Eocene		
3628	Eocene		
3629	Eocene		
3630	Eocene		
3631	Eocene		
3632	Eocene		
3633	Eocene		
3634	Eocene		
3635	Eocene		
3636	Eocene		
3637	Eocene		
3638	Eocene		
3639	Eocene		
3640	Eocene		
3641	Eocene		
3642	Eocene		
3643	Eocene		
3644	Eocene		
3645	Eocene		
3646	Eocene		
3647	Eocene		
3648	Eocene		
3649	Eocene		
3650	Eocene		
3651	Eocene		
3652	Eocene		
3653	Eocene		
3654	Eocene		
3655	Eocene		
3656	middle Eocene		
3657	middle Eocene		
3658	middle Eocene		
3659	middle Eocene		
3660	middle Eocene		
3661	middle Eocene		
3662	middle Eocene		
3663	middle Eocene		
3664	middle Eocene		
3665	middle Eocene		
3666	middle Eocene		
3667	middle Eocene		
3668	middle Eocene		
3669	middle Eocene		
3670	middle Eocene		
3671	middle Eocene		
3672	middle Eocene		
3673	middle Eocene		
3674	middle Eocene		
3675	middle Eocene		
3676	middle Eocene		
3677	middle Eocene		
3678	middle Eocene		
3679	middle Eocene		
3680	middle Eocene		
3681	middle Eocene		
3682	middle Eocene		
3683	middle Eocene		
3684	middle Eocene		
3685	middle Eocene		
3686	middle Eocene		
3687	middle Eocene		
3688	middle Eocene		
3689	middle Eocene		
3690	middle Eocene		
3691	middle Eocene		
3692	middle Eocene		
3693	middle Eocene		
3694	middle Eocene		
3695	middle Eocene		
3696	middle Eocene		
3697	middle Eocene		
3698	middle Eocene		
3699	middle Eocene		
3700	middle Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
3701	middle Eocene		
3702	middle Eocene		
3703	middle Eocene		
3704	middle Eocene		
3705	middle Eocene		
3706	middle Eocene		
3707	middle Eocene		
3708	middle Eocene		
3709	b		
3710	Eocene		
3711	Eocene		
3712	Eocene		
3713	Eocene		
3714	Pliocene		
3715	Pliocene		
3716	Pliocene		
3717	Pliocene		
3718	Pliocene		
3719	Pliocene		
3720	Pliocene		
3721	Eocene		
3722	Eocene		
3723	Eocene		
3724	Eocene		
3725	Eocene		
3726	Eocene		
3727	Eocene		
3728	Eocene		
3729	Eocene		
3730	Eocene		
3731	Eocene		
3732	Eocene		
3733	Eocene		
3734	Eocene		
3735	Eocene		
3736	Eocene		
3737	Eocene		
3738	Eocene		
3739	Eocene		
3740	Eocene		
3741	Eocene		
3742	Eocene		
3743	Eocene		
3744	Eocene		
3745	Eocene		
3746	Eocene		
3747	Eocene		
3748	Eocene		
3749	Eocene		
3750	Eocene		
3751	Eocene		
3752	Eocene		
3753	Eocene		
3754	Eocene		
3755	Eocene		
3756	Eocene		
3757	Eocene		
3758	Eocene		
3759	Eocene		
3760	Eocene		
3761	Eocene		
3762	Eocene		
3763	Eocene		
3764	Eocene		
3765	Eocene		
3766	Eocene		
3767	Eocene		
3768	Eocene		
3769	Eocene		
3770	Eocene		
3771	Eocene		
3772	Eocene		
3773	Eocene		
3774	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
3775	Eocene		
3776	Eocene		
3777	Eocene		
3778	Eocene		
3779	Eocene		
3780	Eocene		
3781	Eocene		
3782	Eocene		
3783	Eocene		
3784	Eocene		
3785	Eocene		
3786	Eocene		
3787	Eocene		
3788	Eocene		
3789	Eocene		
3790	Eocene		
3791	Eocene		
3792	Eocene		
3793	Eocene		
3794	Eocene		
3795	Paleocene		
3796	Paleocene		
3797	Paleocene		
3798	Paleocene		
3799	Paleocene		
3800	Paleocene		
3801	Paleocene		
3802	Paleocene		
3803	Eocene		
3804	Eocene		
3805	Eocene		
3806	Eocene		
3807	Eocene		
3808	Eocene		
3809	Eocene		
3810	Eocene		
3811	Eocene		
3812	Eocene		
3813	Eocene		
3814	Eocene		
3815	Eocene		
3816	Eocene		
3817	Eocene		
3818	Eocene		
3819	Eocene		
3820	Eocene		
3821	Eocene		
3822	Eocene		
3823	Eocene		
3824	Eocene		
3825	Eocene		
3826	Eocene		
3827	Eocene		
3828	Eocene		
3829	Eocene		
3830	Eocene		
3831	Eocene		
3832	Eocene		
3833	Eocene		
3834	Eocene		
3835	Eocene		
3836	Eocene		
3837	Eocene		
3838	Eocene		
3839	Eocene		
3840	Eocene		
3841	Eocene		
3842	Eocene		
3843	Eocene		
3844	Eocene		
3845	Eocene		
3846	Eocene		
3847	Eocene		
3848	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
3849	Eocene		
3850	Eocene		
3851	Eocene		
3852	Eocene		
3853	Eocene		
3854	Eocene		
3855	possibly Eocene		
3856	possibly Eocene		
3857	possibly Eocene		
3858	possibly Eocene		
3859	possibly Eocene		
3860	possibly Eocene		
3861	Eocene		
3862	Eocene		
3863	Eocene		
3864	Eocene		
3865	Eocene		
3866	Eocene		
3867	Eocene		
3868	Eocene		
3869	Eocene		
3870	Eocene		
3871	Eocene		
3872	Eocene		
3873	Eocene		
3874	Eocene		
3875	Eocene		
3876	Eocene		
3877	Eocene		
3878	Eocene		
3879	Eocene		
3880	Eocene		
3881	Eocene		
3882	Eocene		
3883	Eocene		
3884	Eocene		
3885	Eocene		
3886	Eocene		
3887	Eocene		
3888	Eocene		
3889	Eocene		
3890	Eocene		
3891	Eocene		
3892	Eocene		
3893	Eocene		
3894	Eocene		
3895	Eocene		
3896	Eocene		
3897	Eocene		
3898	Eocene		
3899	Eocene		
3900	Eocene		
3901	Eocene		
3902	Eocene		
3903	Eocene		
3904	Eocene		
3905	Eocene		
3906	Eocene		
3907	late Miocene or Pliocene NP		
3908	late Miocene or Pliocene NP		
3909	late Miocene or Pliocene NP		
3910	late Miocene or Pliocene NP		
3911	late Miocene or Pliocene NP		
3912	late Miocene or Pliocene NP		
3913	late Miocene or Pliocene NP		
3914	Paleocene		
3915	Paleocene		
3916	Paleocene		
3917	Paleocene		
3918	Paleocene		
3919	Paleocene		
3920	Paleocene		
3921	Paleocene		
3922	Paleocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
3923	late Miocene or Pliocene NP		
3924	late Miocene or Pliocene NP		
3925	middle and late Miocene Mohnian Stage		
3926	middle and late Miocene Mohnian Stage		
3927	middle and late Miocene Mohnian Stage		
3928	middle and late Miocene Mohnian Stage		
3929	late Eocene Refugian Stage		
3930	late Eocene Refugian Stage		
3931	late Eocene Refugian Stage		
3932	late Eocene Refugian Stage		
3933	late Eocene Refugian Stage		
3934	late Eocene Refugian Stage		
3935	late Eocene		
3936	late Eocene		
3937	late Eocene		
3938	late Eocene		
3939	late Eocene		
3940	late Eocene		
3941	late Eocene		
3942	late Eocene		
3943	late Eocene		
3944	late Eocene		
3945	late Eocene		
3946	late Eocene		
3947	late Eocene		
3948	late Eocene		
3949	late Eocene		
3950	late Eocene		
3951	late Eocene		
3952	late Eocene		
3953	late Eocene		
3954	late Eocene		
3955	late Eocene		
3956	late Eocene		
3957	late Eocene		
3958	late Eocene		
3959	late Eocene		
3960	late Eocene		
3961	late Eocene		
3962	late Eocene		
3963	late Eocene		
3964	late Eocene		
3965	late Eocene		
3966	late Eocene		
3967	late Eocene		
3968	assemblage slide?		
3969	assemblage slide?		
3970	middle Eocene A-1 Zone		
3971	middle Eocene A-1 Zone		
3972	middle Eocene A-1 Zone		
3973	middle Eocene A-1 Zone		
3974	middle Eocene A-1 Zone		
3975	middle Eocene A-1 Zone		
3976	middle Eocene A-1 Zone		
3977	middle Eocene A-1 Zone		
3978	late Eocene Refugian Stage type area		
3979	late Eocene Refugian Stage type area		
3980	late Eocene Refugian Stage type area		
3981	late Eocene Refugian Stage type area		
3982	late Eocene Refugian Stage type area		
3983	late Eocene Refugian Stage type area		
3984	late Eocene Refugian Stage type area		
3985	late Eocene Refugian Stage type area		
3986	late Eocene Refugian Stage type area		
3987	late Eocene Refugian Stage type area		
3988	late Eocene Refugian Stage type area		
3989	late Eocene Refugian Stage type area		
3990	late Eocene Refugian Stage type area		
3991	late Eocene Refugian Stage type area		
3992	late Eocene Refugian Stage type area		
3993	late Eocene Refugian Stage type area		
3994	late Eocene Refugian Stage type area		
3995	late Eocene Refugian Stage type area		
3996	late Eocene Refugian Stage type area		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
3997	late Eocene Refugian Stage type area		
3998	middle Eocene A-2 Zone		
3999	middle Eocene A-2 Zone		
4000	middle Eocene A-2 Zone		
4001	middle Eocene A-2 Zone		
4002	middle Eocene A-2 Zone		
4003	middle Eocene A-2 Zone		
4004	middle Eocene A-2 Zone		
4005	middle Eocene A-2 Zone		
4006	middle Eocene A-2 Zone		
4007	middle Eocene A-2 Zone		
4008	middle Eocene A-2 Zone		
4009	middle Eocene A-2 Zone		
4010	middle Eocene A-2 Zone		
4011	middle Eocene A-2 Zone		
4012	middle Eocene A-2 Zone		
4013	middle Eocene A-2 Zone		
4014	middle Eocene A-2 Zone		
4015	middle Eocene A-2 Zone		
4016	middle Eocene A-2 Zone		
4017	middle Eocene A-2 Zone		
4018	middle Eocene A-2 Zone		
4019	middle Eocene A-2 Zone		
4020	middle Eocene A-2 Zone		
4021	middle Eocene A-2 Zone		
4022	middle Eocene A-2 Zone		
4023	middle Eocene A-2 Zone		
4024	middle Eocene A-2 Zone		
4025	middle Eocene A-2 Zone		
4026	middle Eocene A-2 Zone		
4027	middle Eocene A-2 Zone		
4028	middle Eocene A-1 Zone		
4029	middle Eocene A-1 Zone		
4030	middle Eocene A-1 Zone		
4031	middle Eocene A-1 Zone		
4032	middle Eocene A-1 Zone		
4033	middle Eocene A-1 Zone		
4034	middle Eocene A-1 Zone		
4035	middle Eocene A-1 Zone		
4036	middle Eocene A-1 Zone		
4037	middle Eocene A-1 Zone		
4038	middle Eocene A-1 Zone		
4039	late Eocene Refugian Stage type area		
4040	late Eocene Refugian Stage type area		
4041	late Eocene Refugian Stage type area		
4042	late Eocene Refugian Stage type area		
4043	late Eocene Refugian Stage type area		
4044	late Eocene Refugian Stage type area		
4045	late Eocene Refugian Stage type area		
4046	late Eocene Refugian Stage type area		
4047	late Eocene Refugian Stage type area		
4048	late Eocene Refugian Stage type area		
4049	late Eocene Refugian Stage type area		
4050	late Eocene Refugian Stage type area		
4051	late Eocene Refugian Stage type area		
4052	late Eocene Refugian Stage type area		
4053	late Eocene Refugian Stage type area		
4054	late Eocene Refugian Stage type area		
4055	late Eocene Refugian Stage type area		
4056	late Eocene Refugian Stage type area		
4057	late Eocene Refugian Stage type area		
4058	late Eocene Refugian Stage type area		
4059	middle Eocene A-2 Zone		
4060	middle Eocene A-2 Zone		
4061	middle Eocene A-2 Zone		
4062	middle Eocene A-2 Zone		
4063	middle Eocene A-2 Zone		
4064	middle Eocene A-2 Zone		
4065	middle Eocene A-2 Zone		
4066	middle Eocene A-2 Zone		
4067	middle Eocene A-2 Zone		
4068	middle Eocene A-2 Zone		
4069	middle Eocene A-2 Zone		
4070	middle Eocene A-2 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
4071	middle Eocene A-2 Zone		
4072	middle Eocene A-2 Zone		
4073	middle Eocene A-2 Zone		
4074	middle Eocene A-2 Zone		
4075	middle Eocene A-2 Zone		
4076	middle Eocene A-2 Zone		
4077	middle Eocene A-2 Zone		
4078	middle Eocene A-2 Zone		
4079	middle Eocene A-2 Zone		
4080	middle Eocene A-2 Zone		
4081	middle Eocene A-2 Zone		
4082	middle Eocene A-2 Zone		
4083	middle Eocene A-2 Zone		
4084	middle Eocene A-2 Zone		
4085	middle Eocene A-2 Zone		
4086	middle Eocene A-2 Zone		
4087	middle Eocene A-2 Zone		
4088	late Eocene Refugian Stage type area		
4089	late Eocene Refugian Stage type area		
4090	late Eocene Refugian Stage type area		
4091	late Eocene Refugian Stage type area		
4092	late Eocene Refugian Stage type area		
4093	late Eocene Refugian Stage type area		
4094	late Eocene Refugian Stage type area		
4095	late Eocene Refugian Stage type area		
4096	late Eocene Refugian Stage type area		
4097	late Eocene Refugian Stage type area		
4098	late Eocene Refugian Stage type area		
4099	late Eocene Refugian Stage type area		
4100	late Eocene Refugian Stage type area		
4101	late Eocene Refugian Stage type area		
4102	late Eocene Refugian Stage type area		
4103	late Eocene Refugian Stage type area		
4104	middle Eocene A-2 Zone		
4105	middle Eocene A-2 Zone		
4106	middle Eocene A-2 Zone		
4107	middle Eocene A-2 Zone		
4108	middle Eocene A-2 Zone		
4109	middle Eocene A-2 Zone		
4110	middle Eocene A-2 Zone		
4111	middle Eocene A-2 Zone		
4112	middle Eocene A-2 Zone		
4113	middle Eocene A-2 Zone		
4114	middle Eocene A-2 Zone		
4115	middle Eocene A-2 Zone		
4116	middle Eocene A-2 Zone		
4117	middle Eocene A-2 Zone		
4118	middle Eocene A-2 Zone		
4119	middle Eocene A-2 Zone		
4120	middle Eocene A-2 Zone		
4121	middle Eocene A-2 Zone		
4122	middle Eocene A-2 Zone		
4123	middle Eocene A-2 Zone		
4124	middle Eocene A-2 Zone		
4125	middle Eocene A-2 Zone		
4126	middle Eocene A-2 Zone		
4127	no age provided		
4128	no age provided		
4129	no age provided		
4130	Miocene		
4131	Miocene		
4132	Miocene		
4133	Miocene		
4134	Miocene		
4135	early Eocene		
4136	early Eocene		
4137	early Eocene		
4138	Miocene		
4139	Eocene		
4140	Eocene		
4141	Eocene		
4142	Eocene		
4143	Cretaceous? arenaceous foraminifers		
4144	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
4145	Eocene		
4146	Eocene		
4147	Eocene		
4148	Eocene		
4149	Eocene		
4150	Eocene		
4151	Eocene		
4152	Eocene		
4153	Eocene		
4154	Eocene		
4155	Eocene		
4156	Eocene		
4157	Eocene		
4158	Eocene		
4159	Eocene		
4160	Eocene		
4161	early Eocene B-4 Zone		
4162	Eocene		
4163	Eocene		
4164	Eocene		
4165	Eocene		
4166	Eocene		
4167	Eocene		
4168	Eocene		
4169	Eocene		
4170	Eocene		
4171	Eocene		
4172	Eocene		
4173	Eocene		
4174	Eocene		
4175	Eocene		
4176	Eocene		
4177	Eocene		
4178	Eocene		
4179	Eocene		
4180	Eocene		
4181	Eocene		
4182	Eocene		
4183	Eocene		
4184	Eocene		
4185	Eocene		
4186	Eocene		
4187	Eocene		
4188	Eocene		
4189	Eocene		
4190	Eocene		
4191	Eocene		
4192	Eocene		
4193	Eocene		
4194	Eocene		
4195	Eocene		
4196	Eocene		
4197	Eocene		
4198	Eocene		
4199	Eocene		
4200	Eocene		
4201	Eocene		
4202	Eocene		
4203	Eocene		
4204	Eocene		
4205	Eocene		
4206	Eocene		
4207	Eocene		
4208	Eocene?		
4209	Eocene?		
4210	Eocene?		
4211	Eocene?		
4212	Eocene?		
4213	Eocene?		
4214	Eocene?		
4215	Eocene?		
4216	Eocene?		
4217	Eocene?		
4218	Eocene?		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
4219	Eocene?		
4220	Eocene?		
4221	Eocene?		
4222	Eocene?		
4223	Eocene?		
4224	Eocene?		
4225	Eocene?		
4226	Eocene?		
4227	Eocene?		
4228	Eocene?		
4229	Eocene?		
4230	Eocene?		
4231	Eocene?		
4232	Eocene?		
4233	Eocene?		
4234	Eocene?		
4235	Eocene?		
4236	Eocene?		
4237	Eocene?		
4238	Eocene?		
4239	Eocene?		
4240	Eocene?		
4241	Eocene?		
4242	Eocene?		
4243	Eocene?		
4244	Eocene?		
4245	Eocene		
4246	Eocene		
4247	Eocene		
4248	Eocene		
4249	Eocene		
4250	Eocene		
4251	Eocene		
4252	Eocene		
4253	Eocene		
4254	Eocene		
4255	Eocene		
4256	Eocene		
4257	Eocene		
4258	Eocene		
4259	Eocene		
4260	Eocene		
4261	Eocene		
4262	Eocene		
4263	Eocene		
4264	Eocene		
4265	Eocene		
4266	Eocene		
4267	Eocene		
4268	Eocene		
4269	Eocene		
4270	Eocene		
4271	Eocene		
4272	Eocene		
4273	Eocene		
4274	Eocene		
4275	Eocene		
4276	Eocene		
4277	Eocene		
4278	Eocene		
4279	Eocene		
4280	Eocene		
4281	Eocene		
4282	Eocene		
4283	Cretaceous		
4284	Cretaceous		
4285	Cretaceous		
4286	Cretaceous		
4287	Eocene		
4288	Eocene		
4289	Oligocene		
4290	Oligocene		
4291	Late Cretaceous F-2 Zone		
4292	Late Cretaceous G-1 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
4293	Late Cretaceous G-1 Zone		
4294	Late Cretaceous G-1 Zone		
4295	Late Cretaceous G-1 Zone		
4296	Late Cretaceous G-1 Zone		
4297	Late Cretaceous G-1 Zone		
4298	Late Cretaceous G-2 Zone		
4299	Late Cretaceous G-2 Zone		
4300	Late Cretaceous G-2 Zone		
4301	Late Cretaceous H Zone		
4302	early Eocene		
4303	early Eocene		
4304	early Eocene		
4305	Late Cretaceous arenaceous foraminifers		
4306	Late Cretaceous arenaceous foraminifers		
4307	Late Cretaceous arenaceous foraminifers		
4308	Late Cretaceous arenaceous foraminifers		
4309	Late Cretaceous arenaceous foraminifers		
4310	Late Cretaceous arenaceous foraminifers		
4311	Late Cretaceous arenaceous foraminifers		
4312	Late Cretaceous arenaceous foraminifers		
4313	Late Cretaceous arenaceous foraminifers		
4314	Late Cretaceous arenaceous foraminifers		
4315	Late Cretaceous arenaceous foraminifers		
4316	Late Cretaceous arenaceous foraminifers		
4317	Late Cretaceous arenaceous foraminifers		
4318	Late Cretaceous arenaceous foraminifers		
4319	Late Cretaceous arenaceous foraminifers		
4320	Late Cretaceous arenaceous foraminifers		
4321	late Miocene?		
4322	Eocene		
4323	Oligocene Zemorrian Stage		
4324	Eocene		
4325	Eocene		
4326	Eocene		
4327	Eocene		
4328	Eocene		
4329	Eocene		
4330	Eocene		
4331	Eocene		
4332	Eocene		
4333	Eocene		
4334	Eocene		
4335	Eocene		
4336	Eocene		
4337	Eocene		
4338	Eocene		
4339	Eocene		
4340	Eocene		
4341	Eocene		
4342	Eocene		
4343	Eocene		
4344	Eocene		
4345	Eocene		
4346	Eocene		
4347	Eocene		
4348	Eocene		
4349	Eocene		
4350	Eocene		
4351	Eocene		
4352	Eocene		
4353	Eocene		
4354	Eocene		
4355	Eocene		
4356	Eocene		
4357	Eocene		
4358	Eocene		
4359	Eocene		
4360	Eocene		
4361	Eocene		
4362	Eocene		
4363	Eocene		
4364	Eocene		
4365	Late Cretaceouus		
4366	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
4367	Eocene		
4368	Eocene		
4369	late Paleocene E Zone		
4370	Eocene		
4371	Eocene		
4372	early Miocene Saucesian? Stage		
4373	early Miocene Saucesian? Stage		
4374	early Miocene Saucesian? Stage		
4375	early Miocene Saucesian? Stage		
4376	early Miocene Saucesian? Stage		
4377	early Miocene Saucesian? Stage		
4378	early Miocene Saucesian? Stage		
4379	early Miocene Saucesian? Stage		
4380	early Miocene Saucesian? Stage		
4381	early Miocene Saucesian? Stage		
4382	early Miocene Saucesian? Stage		
4383	Oligocene Upper Zemorrian Stage		
4384			
4385	Oligocene Upper Zemorrian Stage		
4386	Oligocene Upper Zemorrian Stage		
4387			
4388			
4389	Oligocene Upper Zemorrian Stage		
4390	Oligocene Upper Zemorrian Stage		
4391	Oligocene Upper Zemorrian Stage		
4392	Oligocene Upper Zemorrian Stage		
4393	Oligocene Upper Zemorrian Stage		
4394	Oligocene Upper Zemorrian Stage		
4395	Oligocene Upper Zemorrian Stage		
4396	Miocene		
4397	Miocene		
4398	Miocene		
4399	Miocene		
4400	Miocene		
4401	Miocene		
4402	Miocene		
4403	Miocene		
4404	Miocene		
4405	Miocene		
4406	Miocene		
4407	Miocene		
4408	Miocene		
4409	Miocene		
4410	Miocene		
4411	Miocene		
4412	Miocene		
4413	Miocene		
4414	Miocene		
4415	Miocene		
4416	Miocene		
4417	Miocene		
4418	Miocene		
4419	Miocene		
4420	Miocene		
4421	Miocene		
4422	Miocene		
4423	Miocene		
4424	Miocene		
4425	Miocene		
4426	Miocene		
4427	Miocene		
4428	Miocene		
4429	Miocene		
4430	Miocene		
4431	Miocene		
4432	Miocene		
4433	Miocene		
4434	Miocene		
4435	Miocene		
4436	Miocene		
4437	Miocene		
4438	Miocene		
4439	Miocene		
4440	Miocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
4441	Miocene		
4442	Miocene		
4443	Miocene		
4444	Miocene		
4445	Miocene		
4446	Miocene		
4447	Miocene		
4448	early Miocene upper Relizian Stage		
4449	early Miocene upper Relizian Stage		
4450	early Miocene upper Relizian Stage		
4451	early Miocene upper Relizian Stage		
4452	early Miocene upper Relizian Stage		
4453	early Miocene upper Relizian Stage		
4454	early Miocene upper Relizian Stage		
4455	early Miocene upper Relizian Stage		
4456	middle Miocene Luisian Stage		
4457	middle Miocene Luisian Stage		
4458	middle Miocene Luisian Stage		
4459	middle Miocene Luisian Stage		
4460	middle Miocene Luisian Stage		
4461	middle Miocene Luisian Stage		
4462	middle Miocene Luisian Stage		
4463	middle Miocene Luisian Stage		
4464	middle Miocene Luisian Stage		
4465	middle Miocene Luisian Stage		
4466	middle Miocene Luisian Stage		
4467	middle Miocene Luisian Stage		
4468	middle Miocene Luisian Stage		
4469	middle Miocene Luisian Stage		
4470	middle Miocene Luisian Stage		
4471	middle Miocene Luisian Stage		
4472	middle Miocene Luisian Stage		
4473	middle and late Miocene lower Mohnian Stage		
4474	middle and late Miocene lower Mohnian Stage		
4475	middle and late Miocene lower Mohnian Stage		
4476	middle and late Miocene lower Mohnian Stage		
4477	middle and late Miocene lower Mohnian Stage		
4478	middle and late Miocene lower Mohnian Stage		
4479	middle and late Miocene lower Mohnian Stage		
4480	middle and late Miocene lower Mohnian Stage		
4481	middle and late Miocene lower Mohnian Stage		
4482	middle and late Miocene lower Mohnian Stage		
4483	middle and late Miocene lower Mohnian Stage		
4484	middle and late Miocene lower Mohnian Stage		
4485	middle and late Miocene lower Mohnian Stage		
4486	middle and late Miocene lower Mohnian Stage		
4487	middle and late Miocene upper Mohnian Stage		
4488	middle and late Miocene upper Mohnian Stage		
4489	middle and late Miocene upper Mohnian Stage		
4490	middle and late Miocene upper Mohnian Stage		
4491	middle and late Miocene upper Mohnian Stage		
4492	middle and late Miocene upper Mohnian Stage		
4493	middle and late Miocene upper Mohnian Stage		
4494	middle and late Miocene upper Mohnian Stage		
4495	middle and late Miocene upper Mohnian Stage		
4496	middle and late Miocene upper Mohnian Stage		
4497	middle and late Miocene upper Mohnian Stage		
4498	middle and late Miocene upper Mohnian Stage		
4499	middle and late Miocene upper Mohnian Stage		
4500	middle and late Miocene upper Mohnian Stage		
4501	middle and late Miocene upper Mohnian Stage		
4502	middle and late Miocene upper Mohnian Stage		
4503	middle and late Miocene upper Mohnian Stage		
4504	middle and late Miocene upper Mohnian Stage		
4505	middle and late Miocene upper Mohnian Stage		
4506	middle and late Miocene upper Mohnian Stage		
4507	middle and late Miocene upper Mohnian Stage		
4508	middle and late Miocene upper Mohnian Stage		
4509	middle and late Miocene upper Mohnian Stage		
4510	middle and late Miocene upper Mohnian Stage		
4511	middle and late Miocene upper Mohnian Stage		
4512	middle and late Miocene upper Mohnian Stage		
4513	middle and late Miocene upper Mohnian Stage		
4514	middle and late Miocene upper Mohnian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
4515	middle and late Miocene upper Mohnian Stage		
4516	middle and late Miocene upper Mohnian Stage		
4517	middle and late Miocene upper Mohnian Stage		
4518	middle and late Miocene upper Mohnian Stage		
4519	middle and late Miocene upper Mohnian Stage		
4520	middle and late Miocene upper Mohnian Stage		
4521	middle and late Miocene upper Mohnian Stage		
4522	middle and late Miocene upper Mohnian Stage		
4523	middle and late Miocene upper Mohnian Stage		
4524	middle and late Miocene upper Mohnian Stage		
4525	middle and late Miocene upper Mohnian Stage		
4526	middle and late Miocene upper Mohnian Stage		
4527	middle and late Miocene upper Mohnian Stage		
4528	middle and late Miocene upper Mohnian Stage		
4529	middle and late Miocene upper Mohnian Stage		
4530	middle and late Miocene upper Mohnian Stage		
4531	middle and late Miocene upper Mohnian Stage		
4532	middle and late Miocene upper Mohnian Stage		
4533	middle and late Miocene upper Mohnian Stage		
4534	middle and late Miocene upper Mohnian Stage		
4535	middle and late Miocene upper Mohnian Stage		
4536	middle and late Miocene upper Mohnian Stage		
4537	middle and late Miocene upper Mohnian Stage		
4538	middle and late Miocene upper Mohnian Stage		
4539	middle and late Miocene upper Mohnian Stage		
4540	middle and late Miocene upper Mohnian Stage		
4541	middle and late Miocene upper Mohnian Stage		
4542	middle and late Miocene upper Mohnian Stage		
4543	middle and late Miocene upper Mohnian Stage		
4544	middle and late Miocene upper Mohnian Stage		
4545	middle and late Miocene upper Mohnian Stage		
4546	middle and late Miocene upper Mohnian Stage		
4547	middle and late Miocene upper Mohnian Stage		
4548	middle and late Miocene upper Mohnian Stage		
4549	Eocene		
4550	Eocene		
4551	Eocene		
4552	Eocene		
4553	Eocene		
4554	Eocene		
4555	late Paleocene E Zone		
4556	late Paleocene E Zone		
4557	late Paleocene E Zone		
4558	late Paleocene E Zone		
4559	late Paleocene E Zone		
4560	late Paleocene E Zone		
4561	late Paleocene E Zone		
4562	late Paleocene E Zone		
4563	late Paleocene E Zone		
4564	late Paleocene E Zone		
4565	late Paleocene E Zone		
4566	late Paleocene E Zone		
4567	late Paleocene E Zone		
4568	late Paleocene E Zone		
4569	late Paleocene E Zone		
4570	late Paleocene E Zone		
4571	late Paleocene E Zone		
4572	late Paleocene E Zone		
4573	late Paleocene E Zone		
4574	late Paleocene E Zone		
4575	late Paleocene E Zone		
4576	late Paleocene E Zone		
4577	late Paleocene E Zone		
4578	late Paleocene E Zone		
4579	late Paleocene E Zone		
4580	late Paleocene E Zone		
4581	Eocene		
4582	Eocene		
4583	Eocene		
4584	Eocene		
4585	Eocene		
4586	Eocene		
4587	Late Cretaceous		
4588	Late Cretaceous		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
4589	Late Cretaceous		
4590	Late Cretaceous		
4591	late Paleocene E Zone		
4592	late Paleocene E Zone		
4593	Cretaceous arenaceous foraminifers		
4594	Cretaceous arenaceous foraminifers		
4595	late Paleocene E Zone		
4596	late Paleocene E Zone		
4597	late Paleocene E Zone		
4598	late Paleocene E Zone		
4599	late Paleocene E Zone		
4600	late Paleocene E Zone		
4601	late Paleocene E Zone		
4602	late Paleocene E Zone		
4603	late Paleocene E Zone		
4604	late Paleocene E Zone		
4605	late Paleocene E Zone		
4606	late Paleocene E Zone		
4607	late Paleocene E Zone		
4608	late Paleocene E Zone		
4609	late Paleocene E Zone		
4610	late Paleocene E Zone		
4611	late Paleocene E Zone		
4612	late Paleocene E Zone		
4613	late Paleocene E Zone		
4614	late Paleocene E Zone		
4615	Cretaceous arenaceous foraminifers		
4616	Cretaceous arenaceous foraminifers		
4617	Cretaceous arenaceous foraminifers		
4618	Cretaceous arenaceous foraminifers		
4619	Cretaceous arenaceous foraminifers		
4620	Cretaceous arenaceous foraminifers		
4621	Cretaceous arenaceous foraminifers		
4622	Cretaceous arenaceous foraminifers		
4623	Cretaceous arenaceous foraminifers		
4624	Cretaceous arenaceous foraminifers		
4625	Cretaceous arenaceous foraminifers		
4626	Cretaceous arenaceous foraminifers		
4627	Cretaceous arenaceous foraminifers		
4628	late Paleocene E Zone		
4629	late Paleocene E Zone		
4630	late Paleocene E Zone		
4631	late Paleocene E Zone		
4632	late Paleocene E Zone		
4633	late Paleocene E Zone		
4634	late Paleocene E Zone		
4635	late Paleocene E Zone		
4636	late Paleocene E Zone		
4637	late Paleocene E Zone		
4638	late Paleocene E Zone		
4639	late Paleocene E Zone		
4640	late Paleocene E Zone		
4641	late Paleocene E Zone		
4642	late Paleocene E Zone		
4643	late Paleocene E Zone		
4644	late Paleocene E Zone		
4645	late Paleocene E Zone		
4646	late Paleocene E Zone		
4647	late Paleocene E Zone		
4648	late Paleocene E Zone		
4649	late Paleocene E Zone		
4650	late Paleocene E Zone		
4651	late Paleocene E Zone		
4652	late Paleocene E Zone		
4653	late Paleocene E Zone		
4654	late Paleocene E Zone		
4655	late Paleocene E Zone		
4656	late Paleocene E Zone		
4657	late Paleocene E Zone		
4658	late Paleocene E Zone		
4659	late Paleocene E Zone		
4660	late Paleocene E Zone		
4661	Eocene		
4662	middle Miocene Luisian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
4663	middle Miocene Luisian Stage		
4664	middle Miocene Luisian Stage		
4665	Eocene		
4666	Eocene		
4667	Eocene		
4668	Eocene		
4669	Eocene		
4670	Eocene		
4671	Eocene		
4672	Eocene		
4673	Eocene		
4674	Eocene		
4675	Eocene		
4676	Eocene		
4677	Oligocene Zemorrian or early Miocene Saucesian Stage		
4678	late Eocene Refugian Stage		
4679	Pliocene		
4680	Pliocene		
4681	Pliocene		
4682	Pliocene		
4683	Pliocene		
4684	Pliocene		
4685	Pliocene		
4686	Pliocene		
4687	Pliocene		
4688	Pliocene		
4689	Pliocene		
4690	Pliocene		
4691	Pliocene		
4692	Pliocene		
4693	Pliocene		
4694	Pliocene		
4695	Pliocene		
4696	Pliocene		
4697	Pliocene		
4698	Pliocene		
4699	Pliocene		
4700	Pliocene		
4701	Pliocene		
4702	Pliocene		
4703	Pliocene		
4704	Pliocene		
4705	Pliocene		
4706	Pliocene		
4707	Pliocene		
4708	Pliocene		
4709	Pliocene		
4710	Pliocene		
4711	Pliocene		
4712	Pliocene		
4713	Pliocene		
4714	Pliocene		
4715	Pliocene		
4716	Pliocene		
4717	middle Eocene A-2 Zone		
4718	middle Eocene A-2 Zone		
4719	middle Eocene A-2 Zone		
4720	middle Eocene A-2 Zone		
4721	middle Eocene A-2 Zone		
4722	middle Eocene A-2 Zone		
4723	middle Eocene A-2 Zone		
4724	middle Eocene A-2 Zone		
4725	middle Eocene A-2 Zone		
4726	middle Eocene A-2 Zone		
4727	middle Eocene A-2 Zone		
4728	middle Eocene A-2 Zone		
4729	middle Eocene A-2 Zone		
4730	middle Eocene A-2 Zone		
4731	middle Eocene A-2 Zone		
4732	middle Eocene A-2 Zone		
4733	middle Eocene A-2 Zone		
4734	middle Eocene A-2 Zone		
4735	middle Eocene A-2 Zone		
4736	middle Eocene A-2 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
4737	middle Eocene A-2 Zone		
4738	middle Eocene A-2 Zone		
4739	middle Eocene A-2 Zone		
4740	middle Eocene A-2 Zone		
4741	middle Eocene A-2 Zone		
4742	middle Eocene A-2 Zone		
4743	middle Eocene A-2 Zone		
4744	middle Eocene A-2 Zone		
4745	middle Eocene A-2 Zone		
4746	middle Eocene A-2 Zone		
4747	middle Eocene A-2 Zone		
4748	middle Eocene A-2 Zone		
4749	middle Eocene A-2 Zone		
4750	middle Eocene A-1 Zone		
4751	middle Eocene A-1 Zone		
4752	middle Eocene A-1 Zone		
4753	middle Eocene A-1 Zone		
4754	middle Eocene A-1 Zone		
4755	middle Eocene A-1 Zone		
4756	middle Eocene A-1 Zone		
4757	middle Eocene A-1 Zone		
4758	middle Eocene A-1 Zone		
4759	middle Eocene A-1 Zone		
4760	middle Eocene A-1 Zone		
4761	middle Eocene A-1 Zone		
4762	middle Eocene A-1 Zone		
4763	middle Eocene A-1 Zone		
4764	middle Eocene A-1 Zone		
4765	middle Eocene A-1 Zone		
4766	middle Eocene A-1 Zone		
4767	middle Eocene A-1 Zone		
4768	middle Eocene A-1 Zone		
4769	middle Eocene A-1 Zone		
4770	middle Eocene A-1 Zone		
4771	middle Eocene A-1 Zone		
4772	middle Eocene A-1 Zone		
4773	middle Eocene A-1 Zone		
4774	middle Eocene A-1 Zone		
4775	late Eocene		
4776	assemblage slide		
4777	assemblage slide		
4778	assemblage slide		
4779	see locality 216 set above		
4780	see locality 216 set above		
4781	see locality 216 set above		
4782	see locality 216 set above		
4783	see locality 216 set above		
4784	see locality 216 set above		
4785	see locality 216 set above		
4786	see locality 216 set above		
4787	see locality 216 set above		
4788	see locality 216 set above		
4789	see locality 216 set above		
4790	see locality 216 set above		
4791	see locality 216 set above		
4792	see locality 216 set above		
4793	see locality 216 set above		
4794	see locality 216 set above		
4795	see locality 216 set above		
4796	see locality 216 set above		
4797	see locality 216 set above		
4798	see locality 216 set above		
4799	see locality 216 set above		
4800	see locality 216 set above		
4801	see locality 216 set above		
4802	see locality 216 set above		
4803	see locality 216 set above		
4804	see locality 216 set above		
4805	see locality 216 set above		
4806	see locality 216 set above		
4807	see locality 216 set above		
4808	see locality 216 set above		
4809	see locality 216 set above		
4810	see locality 216 set above		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
4811	see locality 216 set above		
4812	see locality 216 set above		
4813	see locality 216 set above		
4814	see locality 216 set above		
4815	see locality 216 set above		
4816	see locality 216 set above		
4817	see locality 216 set above		
4818	see locality 216 set above		
4819	see locality 216 set above		
4820	see locality 216 set above		
4821	see locality 216 set above		
4822	see locality 216 set above		
4823	see locality 216 set above		
4824	see locality 216 set above		
4825	see locality 216 set above		
4826	see locality 216 set above		
4827	see locality 216 set above		
4828	see locality 216 set above		
4829	see locality 216 set above		
4830	see locality 216 set above		
4831	see locality 216 set above		
4832	see locality 216 set above		
4833	see locality 216 set above		
4834	see locality 216 set above		
4835	see locality 216 set above		
4836	see locality 216 set above		
4837	see locality 216 set above		
4838	see locality 216 set above		
4839	see locality 216 set above		
4840	Eocene		
4841	Eocene		
4842	Eocene		
4843	Eocene		
4844	Eocene		
4845	Eocene		
4846	Eocene		
4847	Eocene		
4848	Eocene		
4849	late Eocene Refugian Stage (age based on NP)		
4850	late Eocene Refugian Stage (age based on NP)		
4851	late Eocene Refugian Stage (age based on NP)		
4852	late Eocene Refugian Stage (age based on NP)		
4853	late Eocene Refugian Stage (age based on NP)		
4854	late Eocene Refugian Stage (age based on NP)		
4855	late Eocene Refugian Stage (age based on NP)		
4856	late Eocene Refugian Stage (age based on NP)		
4857	Eocene		
4858	Eocene		
4859	Eocene		
4860	Eocene		
4861	Eocene		
4862	Eocene		
4863	Eocene		
4864	Eocene		
4865	Eocene		
4866	Eocene		
4867	Eocene		
4868	Eocene		
4869	Eocene		
4870	Eocene		
4871	Eocene		
4872	Eocene		
4873	Eocene		
4874	Eocene		
4875	Eocene		
4876	Eocene		
4877	Eocene		
4878	Eocene		
4879	Eocene		
4880	Eocene		
4881	Eocene		
4882	Eocene		
4883	Eocene		
4884	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
4885	Eocene		
4886	Eocene		
4887	Eocene		
4888	Eocene		
4889	Eocene		
4890	Eocene		
4891	Eocene		
4892	Eocene		
4893	Eocene		
4894	late Eocene Refugian Stage		
4895	late Eocene Refugian Stage		
4896	late Eocene Refugian Stage		
4897	late Eocene Refugian Stage		
4898	late Eocene Refugian Stage		
4899	late Eocene Refugian Stage		
4900	late Eocene Refugian Stage		
4901	late Eocene Refugian Stage		
4902	late Eocene Refugian Stage		
4903	late Eocene Refugian Stage		
4904	late Eocene Refugian Stage		
4905	late Eocene Refugian Stage		
4906	late Eocene Refugian Stage		
4907	late Eocene Refugian Stage		
4908	late Eocene Refugian Stage		
4909	late Eocene Refugian Stage		
4910	late Eocene Refugian Stage		
4911	late Eocene Refugian Stage		
4912	late Eocene Refugian Stage		
4913	late Eocene Refugian Stage		
4914	late Eocene Refugian Stage		
4915	nonmarine		
4916	nonmarine		
4917	Oligocene Zemorrian Stage		
4918	Oligocene Zemorrian Stage		
4919	Oligocene Zemorrian Stage		
4920	Oligocene Zemorrian Stage		
4921	Oligocene Zemorrian Stage		
4922	Oligocene Zemorrian Stage		
4923	Oligocene Zemorrian Stage		
4924	Oligocene Zemorrian Stage		
4925	Oligocene Zemorrian Stage		
4926	Oligocene Zemorrian Stage		
4927	Oligocene Zemorrian Stage		
4928	Oligocene Zemorrian Stage		
4929	Oligocene Zemorrian Stage		
4930	Oligocene Zemorrian Stage		
4931	Oligocene Zemorrian Stage		
4932	Oligocene Zemorrian Stage		
4933	Oligocene Zemorrian Stage		
4934	Oligocene Zemorrian Stage		
4935	Oligocene Zemorrian Stage		
4936	Oligocene Zemorrian Stage		
4937	Oligocene Zemorrian Stage		
4938	Oligocene Zemorrian Stage		
4939	Oligocene Zemorrian Stage		
4940	Oligocene Zemorrian Stage		
4941	Eocene		
4942	Eocene		
4943	Eocene		
4944	Eocene		
4945	Eocene		
4946	Eocene		
4947	Eocene		
4948	Eocene		
4949	Eocene		
4950	Eocene		
4951	Eocene		
4952	Eocene		
4953	Eocene		
4954	Eocene		
4955	Eocene		
4956	Eocene		
4957	Eocene		
4958	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
4959	Eocene		
4960	Eocene		
4961	Eocene		
4962	Eocene		
4963	Eocene		
4964	Eocene		
4965	Eocene		
4966	Eocene		
4967	Eocene		
4968	Eocene		
4969	Eocene		
4970	Eocene		
4971	Eocene		
4972	Eocene		
4973	Eocene		
4974	Eocene		
4975	Eocene		
4976	Eocene		
4977	late Eocene Refugian Stage		
4978	late Eocene Refugian Stage		
4979	late Eocene Refugian Stage		
4980	late Eocene Refugian Stage		
4981	late Eocene Refugian Stage		
4982	late Eocene Refugian Stage		
4983	late Eocene Refugian Stage		
4984	late Eocene Refugian Stage		
4985	late Eocene Refugian Stage		
4986	late Eocene Refugian Stage		
4987	late Eocene Refugian Stage		
4988	late Eocene Refugian Stage		
4989	late Eocene Refugian Stage		
4990	late Eocene Refugian Stage		
4991	late Eocene Refugian Stage		
4992	late Eocene Refugian Stage		
4993	late Eocene Refugian Stage		
4994	late Eocene Refugian Stage		
4995	late Eocene Refugian Stage		
4996	late Eocene Refugian Stage		
4997	late Eocene Refugian Stage		
4998	late Eocene Refugian Stage		
4999	late Eocene Refugian Stage		
5000	late Eocene Refugian Stage		
5001	late Eocene Refugian Stage		
5002	late Eocene Refugian Stage		
5003	late Eocene Refugian Stage		
5004	late Eocene Refugian Stage		
5005	late Eocene Refugian Stage		
5006	late Eocene Refugian Stage		
5007	late Eocene Refugian Stage		
5008	late Eocene Refugian Stage		
5009	late Eocene Refugian Stage		
5010	late Eocene Refugian Stage		
5011	late Eocene Refugian Stage		
5012	late Eocene Refugian Stage		
5013	late Eocene Refugian Stage		
5014	late Eocene Refugian Stage		
5015	late Eocene Refugian Stage		
5016	late Eocene Refugian Stage		
5017	late Eocene Refugian Stage		
5018	late Eocene Refugian Stage		
5019	late Eocene Refugian Stage		
5020	late Eocene Refugian Stage		
5021	late Eocene Refugian Stage		
5022	late Eocene Refugian Stage		
5023	late Eocene Refugian Stage		
5024	late Eocene Refugian Stage		
5025	Eocene		
5026	Eocene		
5027	Eocene		
5028	Eocene		
5029	Eocene		
5030	Eocene		
5031	Eocene		
5032	Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
5033	Pliocene		
5034	Pliocene		
5035	Pliocene		
5036	Pliocene		
5037	Pliocene		
5038	Pliocene		
5039	Pliocene		
5040	Pliocene		
5041	Pliocene		
5042	Pliocene		
5043	Pliocene		
5044	Pliocene		
5045	Pliocene		
5046	Pliocene		
5047	Pliocene		
5048	Pliocene		
5049	Pliocene		
5050	Pliocene		
5051	Pliocene		
5052	Pliocene		
5053	Pliocene		
5054	Pliocene		
5055	Pliocene		
5056	Pliocene		
5057	Pliocene		
5058	Pliocene		
5059	Pliocene		
5060	Pliocene		
5061	Pliocene		
5062	Pliocene		
5063	Pliocene		
5064	Pliocene		
5065	Pliocene		
5066	Pliocene		
5067	Pliocene		
5068	Pliocene		
5069	Pliocene		
5070	Pliocene		
5071	Pliocene		
5072	Pliocene		
5073	Pliocene		
5074	Pliocene		
5075	Pliocene		
5076	Pliocene		
5077	Pliocene		
5078	Pliocene		
5079	Pliocene		
5080	Pliocene		
5081	Pliocene		
5082	Pliocene		
5083	Pliocene		
5084	Pliocene		
5085	Pliocene		
5086	Pliocene		
5087	Pliocene		
5088	Pliocene		
5089	Pliocene		
5090	Pliocene		
5091	Pliocene		
5092	Pliocene		
5093	Pliocene		
5094	Pliocene		
5095	Pliocene		
5096	Pliocene		
5097	Pliocene		
5098	Pliocene		
5099	Pliocene		
5100	Pliocene		
5101	Pliocene		
5102	Pliocene		
5103	Pliocene		
5104	Pliocene		
5105	Pliocene		
5106	Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
5107	Pliocene		
5108	Pliocene		
5109	Pliocene		
5110	Late Cretaceous or Paleocene		
5111	Eocene		
5112	Eocene		
5113	Eocene		
5114	probably Paleocene		
5115	probably Paleocene		
5116	Paleocene		
5117	late Paleocene E Zone		
5118	Cretaceous arenaceous foraminifers		
5119	Paleocene		
5120	Paleocene		
5121	Paleocene		
5122	Eocene		
5123	Eocene		
5124	Eocene		
5125	Eocene		
5126	Eocene		
5127	Eocene		
5128	Paleocene?		
5129	Paleocene?		
5130	Paleocene?		
5131	Eocene		
5132	middle Miocene		
5133	Miocene		
5134	Paleocene?		
5135	Eocene		
5136	Eocene		
5137	Eocene		
5138	Eocene		
5139	Eocene		
5140	Eocene		
5141	Eocene		
5142	Eocene		
5143	Eocene		
5144	Eocene		
5145	Eocene		
5146	Eocene		
5147	Eocene		
5148	Eocene		
5149	Eocene		
5150	Eocene		
5151	Eocene		
5152	Eocene		
5153	Eocene		
5154	Eocene		
5155	Eocene		
5156	Eocene		
5157	Eocene		
5158	Eocene		
5159	Eocene		
5160	Eocene		
5161	Eocene		
5162	Eocene		
5163	Eocene		
5164	probably L Miocene		
5165	Eocene		
5166	Eocene?		
5167	Eocene		
5168	Eocene		
5169	Eocene		
5170	Eocene		
5171	Eocene		
5172	Eocene		
5173	Eocene		
5174	Eocene		
5175	Eocene?		
5176	Eocene		
5177	Eocene		
5178	Eocene		
5179	Eocene		
5180	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
5181	Eocene		
5182	Eocene		
5183	Eocene		
5184	Eocene		
5185	Eocene		
5186	Eocene		
5187	Eocene		
5188	Eocene		
5189	Eocene		
5190	Eocene		
5191	Eocene		
5192	Eocene		
5193	Eocene		
5194	Eocene		
5195	Eocene		
5196	Eocene		
5197	Eocene		
5198	middle and late Miocene Mohnian Stage		
5199	Miocene and Pliocene		
5200	middle and late Miocene upper Mohnian Stage		
5201	late? Miocene		
5202	middle Miocene Luisian Stage		
5203	middle Miocene Luisian Stage		
5204	middle Miocene		
5205	late Paleocene E Zone		
5206	middle Miocene Luisian Stage		
5207	probably late Paleocene E Zone		
5208	middle Miocene Luisian Stage		
5209	middle Miocene Luisian Stage		
5210	middle Miocene Luisian Stage		
5211	middle Miocene Luisian Stage		
5212	late Paleocene E Zone		
5213	Eocene		
5214	Eocene		
5215	late Paleocene E Zone		
5216	late Paleocene E Zone		
5217	Paleocene or Eocene		
5218	Paleocene?		
5219	Paleocene or Eocene		
5220	late Paleocene E Zone		
5221	late Paleocene E Zone		
5222	late Paleocene E Zone		
5223	late Paleocene E Zone		
5224	Miocene		
5225	late Paleocene E Zone		
5226	late Paleocene E Zone		
5227	late Paleocene E Zone		
5228	late Paleocene E Zone		
5229	late Paleocene E Zone		
5230	late Paleocene E Zone		
5231	late Paleocene E Zone		
5232	Miocene		
5233	Eocene		
5234	Eocene		
5235	Eocene		
5236	Eocene		
5237	Eocene		
5238	Eocene		
5239	Eocene		
5240	Eocene		
5241	Miocene		
5242	Eocene		
5243	Eocene		
5244	Eocene?		
5245	Eocene?		
5246	late? Miocene		
5247	Eocene		
5248	Eocene		
5249	Eocene		
5250	possibly Eocene		
5251	Eocene		
5252	Eocene		
5253	Eocene		
5254	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
5255	Eocene?		
5256	Paleocene?		
5257	Miocene		
5258	Miocene		
5259	Miocene		
5260	Miocene		
5261	Miocene		
5262	Miocene		
5263	Miocene		
5264	Miocene		
5265	Miocene		
5266	Miocene		
5267	Miocene		
5268	Miocene		
5269	Miocene		
5270	Miocene		
5271	Miocene		
5272	Miocene		
5273	Miocene		
5274	Miocene		
5275	Miocene		
5276	Miocene		
5277	Miocene		
5278	Miocene		
5279	Miocene		
5280	Miocene		
5281	Miocene		
5282	Miocene		
5283	Miocene		
5284	Miocene		
5285	Miocene		
5286	Miocene		
5287	Miocene		
5288	Miocene		
5289	Miocene		
5290	Miocene		
5291	Miocene		
5292	Miocene		
5293	Miocene		
5294	Miocene		
5295	Miocene		
5296	Miocene		
5297	Miocene		
5298	Miocene		
5299	Miocene		
5300	Miocene		
5301	Miocene		
5302	Miocene		
5303	Miocene		
5304	Miocene		
5305	Miocene		
5306	Miocene		
5307	Miocene		
5308	Miocene		
5309	Miocene		
5310	Miocene		
5311	Miocene		
5312	Miocene		
5313	Miocene		
5314	Miocene		
5315	Miocene		
5316	Miocene		
5317	Miocene		
5318	Miocene		
5319	Miocene		
5320	Miocene		
5321	Miocene		
5322	Miocene		
5323	Miocene		
5324	Miocene		
5325	Miocene		
5326	Miocene		
5327	Miocene		
5328	Miocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
5329	Miocene		
5330	Miocene		
5331	Miocene		
5332	Miocene		
5333	Miocene		
5334	Miocene		
5335	Miocene		
5336	Miocene		
5337	Miocene		
5338	Miocene		
5339	Miocene		
5340	Miocene		
5341	Miocene		
5342	Miocene		
5343	Miocene		
5344	Miocene		
5345	Miocene		
5346	Miocene		
5347	Miocene		
5348	Miocene		
5349	Miocene		
5350	Miocene		
5351	Miocene		
5352	Miocene		
5353	Miocene		
5354	Miocene		
5355	Miocene		
5356	Miocene		
5357	Miocene		
5358	Miocene		
5359	Miocene		
5360	Miocene		
5361	Miocene		
5362	Miocene		
5363	Miocene		
5364	Miocene		
5365	Miocene		
5366	Miocene		
5367	Miocene		
5368	Miocene		
5369	Miocene		
5370	Miocene		
5371	Miocene		
5372	Miocene		
5373	Miocene		
5374	Miocene		
5375	Miocene		
5376	Miocene		
5377	Miocene		
5378	Miocene		
5379	Miocene		
5380	Miocene		
5381	Miocene		
5382	Miocene		
5383	Miocene		
5384	Miocene		
5385	Miocene		
5386	Miocene		
5387	Miocene		
5388	Miocene		
5389	Eocene		
5390	Eocene		
5391	Eocene		
5392	Eocene		
5393	Eocene		
5394	Eocene		
5395	Eocene		
5396	Miocene		
5397	Miocene		
5398	Miocene		
5399	Miocene		
5400	Miocene		
5401	Miocene		
5402	Miocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
5403	Miocene		
5404	Miocene		
5405	Miocene		
5406	Miocene		
5407	Miocene		
5408	Miocene		
5409	Miocene		
5410	Miocene		
5411	Miocene		
5412	Miocene		
5413	Miocene		
5414	Miocene		
5415	Miocene		
5416	Miocene		
5417	Miocene		
5418	Miocene		
5419	Miocene		
5420	Miocene		
5421	Miocene		
5422	Miocene		
5423	Miocene		
5424	Miocene		
5425	Miocene		
5426	Miocene		
5427	Miocene		
5428	Miocene		
5429	Miocene		
5430	Miocene		
5431	Miocene		
5432	Miocene		
5433	Miocene		
5434	Miocene		
5435	Miocene		
5436	Miocene		
5437	Miocene		
5438	Miocene		
5439	Miocene		
5440	Miocene		
5441	Miocene		
5442	Miocene		
5443	Miocene		
5444	Miocene		
5445	Miocene		
5446	Miocene		
5447	Miocene		
5448	Miocene		
5449	Miocene		
5450	Miocene		
5451	Miocene		
5452	Miocene		
5453	Miocene		
5454	Miocene		
5455	Miocene		
5456	Miocene		
5457	Miocene		
5458	Miocene		
5459	Miocene		
5460	Miocene		
5461	Miocene		
5462	Miocene		
5463	Miocene		
5464	Miocene		
5465	Miocene		
5466	Miocene		
5467	Miocene		
5468	Miocene		
5469	Miocene		
5470	Miocene		
5471	Miocene		
5472	Miocene		
5473	Miocene		
5474	Miocene		
5475	Miocene		
5476	Miocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
5477	assemblage		
5478	assemblage		
5479	Eocene		
5480	Eocene?		
5481	Eocene?		
5482	possibly Eocene		
5483	possibly Eocene		
5484	Eocene		
5485	Eocene		
5486	possibly Eocene		
5487	possibly Eocene		
5488	possibly Eocene		
5489	possibly Eocene		
5490	possibly Eocene		
5491	Eocene		
5492	Late Cretaceous or Paleocene		
5493	l Eocene A-1 Zone		
5494	Late Cretaceous or Paleocene		
5495	Eocene?		
5496	late Miocene		
5497	Pleistocene?		
5498	Pleistocene?		
5499	Pleistocene?		
5500	Pleistocene?		
5501	Pleistocene?		
5502	Pleistocene?		
5503	Late Cretaceous or Paleocene		
5504	Cretaceous? arenaceous foraminifers		
5505	Cretaceous? arenaceous foraminifers		
5506	Paleocene?		
5507	Cretaceous? arenaceous foraminifers		
5508	Late Cretaceous or Paleocene		
5509	Cretaceous arenaceous foraminifers		
5510	Eocene?		
5511	Late Cretaceous or Paleocene		
5512	Miocene		
5513	possibly Eocene		
5514	possibly Eocene		
5515	late Miocene		
5516	Eocene		
5517	Eocene		
5518	Eocene		
5519	Eocene		
5520	Eocene		
5521	Eocene		
5522	Eocene		
5523	Eocene		
5524	Eocene		
5525	Eocene		
5526	Eocene		
5527	Eocene		
5528	Eocene		
5529	middle Eocene Chiphragmalithus quadratus Zone		
5530	middle Eocene Chiphragmalithus quadratus Zone		
5531	middle Eocene Chiphragmalithus quadratus Zone		
5532	middle Eocene Chiphragmalithus quadratus Zone		
5533	middle Eocene Chiphragmalithus quadratus Zone		
5534	middle Eocene Chiphragmalithus quadratus Zone		
5535	middle Eocene Chiphragmalithus quadratus Zone		
5536	middle Eocene Chiphragmalithus quadratus Zone		
5537	middle Eocene Chiphragmalithus quadratus Zone		
5538	middle Eocene Chiphragmalithus quadratus Zone		
5539	middle Eocene Chiphragmalithus quadratus Zone		
5540	middle Eocene Chiphragmalithus quadratus Zone		
5541	middle Eocene Chiphragmalithus quadratus Zone		
5542	middle Eocene Chiphragmalithus quadratus Zone		
5543	middle Eocene Chiphragmalithus quadratus Zone		
5544	middle Eocene Chiphragmalithus quadratus Zone		
5545	middle Eocene Chiphragmalithus quadratus Zone		
5546	middle Eocene Chiphragmalithus quadratus Zone		
5547	middle Eocene Chiphragmalithus quadratus Zone		
5548	middle Eocene Chiphragmalithus quadratus Zone		
5549	Cretaceous arenaceous foraminifers		
5550	Cretaceous arenaceous foraminifers		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
5551	Cretaceous arenaceous foraminifers		
5552	Early Cretaceous		
5553	Early Cretaceous		
5554	middle Eocene A-2 Zone		
5555	early Miocene Saucesian Stage		
5556	early Miocene Saucesian Stage		
5557	middle Eocene A-2 Zone		
5558	middle Eocene A-2 Zone		
5559	middle Eocene A-2 Zone		
5560	middle Eocene A-2 Zone		
5561	middle Eocene A-2 Zone		
5562	middle Eocene A-2 Zone		
5563	middle Eocene A-2 Zone		
5564	middle Eocene A-2 Zone		
5565	middle Eocene A-2 Zone		
5566	middle Eocene A-2 Zone		
5567	middle Eocene A-2 Zone		
5568	middle Eocene A-2 Zone		
5569	middle Eocene A-2 Zone		
5570	middle Eocene A-2 Zone		
5571	middle Eocene A-2 Zone		
5572	middle Eocene A-2 Zone		
5573	middle Eocene A-2 Zone		
5574	middle Eocene A-2 Zone		
5575	middle Eocene A-2 Zone		
5576	middle Eocene A-2 Zone		
5577	Late Cretaceous		
5578	early Miocene Relizian Stage		
5579	early Miocene Relizian Stage		
5580	early Miocene Relizian Stage		
5581	early Miocene Relizian Stage		
5582	early Miocene Relizian Stage		
5583	early Miocene Relizian Stage		
5584	early Miocene Relizian Stage		
5585	early Miocene Relizian Stage		
5586	early Miocene Relizian Stage		
5587	early Miocene Relizian Stage		
5588	early Miocene Relizian Stage		
5589	early Miocene Relizian Stage		
5590	early Miocene Relizian Stage		
5591	Late Cretaceous G-2 Zone		
5592	Late Cretaceous G-2 Zone		
5593	Late Cretaceous G-2 Zone		
5594	Late Cretaceous G-2 Zone		
5595	Late Cretaceous G-2 Zone		
5596	Late Cretaceous G-2 Zone		
5597	early Miocene Saucesian Stage		
5598	early Miocene Saucesian Stage		
5599	early Miocene Saucesian? Stage		
5600	Miocene		
5601	Oligocene Zemorrian Stage		
5602	Cretaceous planktic foraminifers		
5603	Cretaceous arenaceous foraminifers		
5604	Cretaceous planktic foraminifers		
5605	early Miocene		
5606	has paleo but no ages provided		
5607	has paleo but no ages provided		
5608	has paleo but no ages provided		
5609	has paleo but no ages provided		
5610	has paleo but no ages provided		
5611	has paleo but no ages provided		
5612	has paleo but no ages provided		
5613	has paleo but no ages provided		
5614	has paleo but no ages provided		
5615	has paleo but no ages provided		
5616	early Miocene		
5617	Cretaceous planktic foraminifers		
5618	Cretaceous planktic foraminifers		
5619	Cretaceous planktic foraminifers		
5620	Cretaceous planktic foraminifers		
5621	early Miocene Relizian Stage		
5622	early Miocene Relizian Stage		
5623	early Miocene Relizian Stage		
5624	early Miocene Saucesian Stage		

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1	ZONE/STAGE/SERIES/AGE		
5625	early Miocene Saucesian Stage		
5626	early Miocene Saucesian Stage		
5627	early Miocene Saucesian Stage		
5628	early Miocene Saucesian Stage		
5629	early Miocene Saucesian Stage		
5630	early Miocene Saucesian Stage		
5631	early Miocene Saucesian Stage		
5632	early Miocene Saucesian Stage		
5633	early Miocene Saucesian Stage		
5634	early Miocene Saucesian Stage		
5635	early Miocene Saucesian Stage		
5636	early Miocene Saucesian Stage		
5637	early Miocene Saucesian Stage		
5638	Oligocene upper Zemorrian Stage		
5639	Jurassic?		
5640	Jurassic?		
5641	Jurassic or Cretaceous		
5642	Jurassic or Cretaceous		
5643	Jurassic or Cretaceous		
5644	Jurassic or Cretaceous		
5645	Jurassic or Cretaceous		
5646	Jurassic or Cretaceous		
5647	Jurassic or Cretaceous		
5648	Jurassic or Cretaceous		
5649	Jurassic or Cretaceous		
5650	Jurassic or Cretaceous		
5651	Jurassic or Cretaceous		
5652	Jurassic or Cretaceous		
5653	Jurassic or Cretaceous		
5654	Jurassic or Cretaceous		
5655	Jurassic or Cretaceous		
5656	Jurassic or Cretaceous		
5657	Jurassic or Cretaceous		
5658	Jurassic or Cretaceous		
5659	Jurassic or Cretaceous		
5660	Jurassic?		
5661	Early Cretaceous arenaceous foraminifers		
5662	Early Cretaceous arenaceous foraminifers		
5663	Early Cretaceous arenaceous foraminifers		
5664	Early Cretaceous arenaceous foraminifers		
5665	Early Cretaceous arenaceous foraminifers		
5666	Early Cretaceous arenaceous foraminifers		
5667	Early Cretaceous arenaceous foraminifers		
5668	Early Cretaceous arenaceous foraminifers		
5669	Early Cretaceous arenaceous foraminifers		
5670	Early Cretaceous arenaceous foraminifers		
5671	Early Cretaceous arenaceous foraminifers		
5672	Early Cretaceous arenaceous foraminifers		
5673	Early Cretaceous arenaceous foraminifers		
5674	Early Cretaceous arenaceous foraminifers		
5675	Early Cretaceous arenaceous foraminifers		
5676	Early Cretaceous arenaceous foraminifers		
5677	Early Cretaceous arenaceous foraminifers		
5678	Early Cretaceous arenaceous foraminifers		
5679	Early Cretaceous arenaceous foraminifers		
5680	Early Cretaceous arenaceous foraminifers		
5681	Early Cretaceous K Zone		
5682	Early Cretaceous K Zone		
5683	Early Cretaceous K Zone		
5684	Early Cretaceous K Zone		
5685	Early Cretaceous K Zone		
5686	Early Cretaceous K Zone		
5687	Early Cretaceous K Zone		
5688	Early Cretaceous K Zone		
5689	Early Cretaceous K Zone		
5690	Early Cretaceous K Zone		
5691	Early Cretaceous K Zone		
5692	Early Cretaceous K Zone		
5693	Early Cretaceous K Zone		
5694	Early Cretaceous K Zone		
5695	Early Cretaceous arenaceous foraminifers		
5696	Early Cretaceous arenaceous foraminifers		
5697	Early Cretaceous arenaceous foraminifers		
5698	Early Cretaceous arenaceous foraminifers		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
5699	Early Cretaceous arenaceous foraminifers		
5700	Early Cretaceous arenaceous foraminifers		
5701	Early Cretaceous arenaceous foraminifers		
5702	Early Cretaceous arenaceous foraminifers		
5703	Early Cretaceous arenaceous foraminifers		
5704	Early Cretaceous arenaceous foraminifers		
5705	Early Cretaceous arenaceous foraminifers		
5706	Early Cretaceous arenaceous foraminifers		
5707	Early Cretaceous arenaceous foraminifers		
5708	Early Cretaceous arenaceous foraminifers		
5709	Early Cretaceous arenaceous foraminifers		
5710	Early Cretaceous arenaceous foraminifers		
5711	Early Cretaceous arenaceous foraminifers		
5712	Early Cretaceous arenaceous foraminifers		
5713	Early Cretaceous arenaceous foraminifers		
5714	Early Cretaceous arenaceous foraminifers		
5715	Early Cretaceous arenaceous foraminifers		
5716	Early Cretaceous arenaceous foraminifers		
5717	Early Cretaceous arenaceous foraminifers		
5718	Early Cretaceous arenaceous foraminifers		
5719	Early Cretaceous arenaceous foraminifers		
5720	Early Cretaceous arenaceous foraminifers		
5721	Early Cretaceous arenaceous foraminifers		
5722	Early Cretaceous arenaceous foraminifers		
5723	Early Cretaceous arenaceous foraminifers		
5724	Early Cretaceous arenaceous foraminifers		
5725	Early Cretaceous arenaceous foraminifers		
5726	Early Cretaceous arenaceous foraminifers		
5727	Early Cretaceous arenaceous foraminifers		
5728	Early Cretaceous arenaceous foraminifers		
5729	Early Cretaceous arenaceous foraminifers		
5730	Early Cretaceous arenaceous foraminifers		
5731	Early Cretaceous J Zone		
5732	Early Cretaceous J Zone		
5733	Early Cretaceous J Zone		
5734	Early Cretaceous J Zone		
5735	Early Cretaceous J Zone		
5736	Early Cretaceous J Zone		
5737	Early Cretaceous J Zone		
5738	Early Cretaceous J Zone		
5739	Early Cretaceous J Zone		
5740	Early Cretaceous J Zone		
5741	Early Cretaceous J Zone		
5742	Early Cretaceous J Zone		
5743	Early Cretaceous J Zone		
5744	Early Cretaceous J Zone		
5745	Early Cretaceous J Zone		
5746	Early Cretaceous J Zone		
5747	Early Cretaceous J Zone		
5748	Early Cretaceous J Zone		
5749	Early Cretaceous J Zone		
5750	Early Cretaceous J Zone		
5751	Early Cretaceous J Zone		
5752	Early Cretaceous J Zone		
5753	Early Cretaceous J Zone		
5754	Early Cretaceous J Zone		
5755	Early Cretaceous J Zone		
5756	Early Cretaceous J Zone		
5757	Early Cretaceous J Zone		
5758	Early Cretaceous J Zone		
5759	Early Cretaceous J Zone		
5760	Early Cretaceous J Zone		
5761	Early Cretaceous J Zone		
5762	Early Cretaceous J Zone		
5763	Early Cretaceous J Zone		
5764	Early Cretaceous J Zone		
5765	Early Cretaceous J Zone		
5766	Early Cretaceous J Zone		
5767	Early Cretaceous J Zone		
5768	Early Cretaceous J Zone		
5769	Early Cretaceous J Zone		
5770	Early Cretaceous J Zone		
5771	Early Cretaceous J Zone		
5772	Early Cretaceous J Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
5773	assemblage		
5774	assemblage		
5775	assemblage		
5776	assemblage		
5777	assemblage		
5778	Late Cretaceous G-2 Zone		
5779	Late Cretaceous G-2 Zone		
5780	Late Cretaceous G-2 Zone		
5781	Late Cretaceous G-2 Zone		
5782	Late Cretaceous G-2 Zone		
5783	Late Cretaceous G-2 Zone		
5784	Late Cretaceous G-2 Zone		
5785	Late Cretaceous G-2 Zone		
5786	Late Cretaceous G-2 Zone		
5787	Late Cretaceous G-2 Zone		
5788	Late Cretaceous H Zone		
5789	Late Cretaceous H Zone		
5790	Late Cretaceous H Zone		
5791	Late Cretaceous H Zone		
5792	Late Cretaceous H Zone		
5793	Late Cretaceous H Zone		
5794	Late Cretaceous H Zone		
5795	Late Cretaceous H Zone		
5796	Late Cretaceous H Zone		
5797	Late Cretaceous H Zone		
5798	Late Cretaceous H Zone		
5799	Late Cretaceous H Zone		
5800	Late Cretaceous H Zone		
5801	Late Cretaceous H Zone		
5802	Late Cretaceous H Zone		
5803	Late Cretaceous H Zone		
5804	Late Cretaceous H Zone		
5805	Late Cretaceous H Zone		
5806	Late Cretaceous H Zone		
5807	Late Cretaceous H Zone		
5808	Late Cretaceous H Zone		
5809	Late Cretaceous H Zone		
5810	Late Cretaceous H Zone		
5811	Late Cretaceous H Zone		
5812	Late Cretaceous H Zone		
5813	Late Cretaceous H Zone		
5814	Late Cretaceous H Zone		
5815	Late Cretaceous H Zone		
5816	Late Cretaceous H Zone		
5817	Late Cretaceous H Zone		
5818	Late Cretaceous H Zone		
5819	Late Cretaceous H Zone		
5820	Late Cretaceous H Zone		
5821	Late Cretaceous H Zone		
5822	Late Cretaceous H Zone		
5823	Late Cretaceous H Zone		
5824	Late Cretaceous H Zone		
5825	Late Cretaceous H Zone		
5826	Late Cretaceous H Zone		
5827	Late Cretaceous I Zone		
5828	Late Cretaceous I Zone		
5829	Late Cretaceous I Zone		
5830	Late Cretaceous I Zone		
5831	Late Cretaceous I Zone		
5832	Late Cretaceous I Zone		
5833	Late Cretaceous I Zone		
5834	Late Cretaceous I Zone		
5835	Late Cretaceous I Zone		
5836	Late Cretaceous I Zone		
5837	Late Cretaceous I Zone		
5838	Late Cretaceous J-1 Zone		
5839	Late Cretaceous J-1 Zone		
5840	Late Cretaceous J-1 Zone		
5841	Late Cretaceous J-1 Zone		
5842	Late Cretaceous J-1 Zone		
5843	Late Cretaceous J-1 Zone		
5844	Late Cretaceous J-1 Zone		
5845	Late Cretaceous J-1 Zone		
5846	Late Cretaceous J-1 Zone		

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1	ZONE/STAGE/SERIES/AGE		
5847	Late Cretaceous J-1 Zone		
5848	Late Cretaceous J-1 Zone		
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5850	Late Cretaceous J-1 Zone		
5851	Late Cretaceous J-1 Zone		
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5859	Late Cretaceous J-1 Zone		
5860	Late Cretaceous J-1 Zone		
5861	Late Cretaceous J-1 Zone		
5862	Late Cretaceous J-1 Zone		
5863	Late Cretaceous J-1 Zone		
5864	Late Cretaceous J-1 Zone		
5865	Late Cretaceous J-1 Zone		
5866	Late Cretaceous J-1 Zone		
5867	Late Cretaceous J-1 Zone		
5868	Late Cretaceous J-1 Zone		
5869	early Miocene Relizian Stage		
5870	early Miocene Relizian Stage		
5871	middle Eocene		
5872	middle Eocene		
5873	middle Eocene		
5874	middle Eocene		
5875	middle Eocene		
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5892	middle Eocene		
5893	middle Eocene		
5894	middle Eocene		
5895	Late Cretaceous		
5896	Late Cretaceous		
5897	Late Cretaceous		
5898	Late Cretaceous		
5899	Late Cretaceous		
5900	Late Cretaceous		
5901	Late Cretaceous arenaceous foraminifers		
5902	Late Cretaceous arenaceous foraminifers		
5903	Late Cretaceous arenaceous foraminifers		
5904	Late Cretaceous arenaceous foraminifers		
5905	Late Cretaceous arenaceous foraminifers		
5906	Late Cretaceous arenaceous foraminifers		
5907	Late Cretaceous arenaceous foraminifers		
5908	Late Cretaceous arenaceous foraminifers		
5909	Late Cretaceous arenaceous foraminifers		
5910	Late Cretaceous arenaceous foraminifers		
5911	Late Cretaceous probably G-2 Zone		
5912	Late Cretaceous probably G-2 Zone		
5913	Late Cretaceous probably G-2 Zone		
5914	Late Cretaceous probably G-1 Zone		
5915	Late Cretaceous probably G-1 Zone		
5916	Late Cretaceous probably G-1 Zone		
5917	Late Cretaceous probably G-1 Zone		
5918	Late Cretaceous probably G-1 Zone		
5919	Late Cretaceous arenaceous foraminifers		
5920	Late Cretaceous arenaceous foraminifers		

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1	**ZONE/STAGE/SERIES/AGE**		
5921	Late Cretaceous arenaceous foraminifers		
5922	Late Cretaceous arenaceous foraminifers		
5923	Late Cretaceous arenaceous foraminifers		
5924	Late Cretaceous arenaceous foraminifers		
5925	middle Eocene		
5926	middle Eocene		
5927	middle Eocene		
5928	middle Eocene		
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5930	middle Eocene		
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5935	middle Eocene		
5936	Late Cretaceous G-2 Zone		
5937	Late Cretaceous G-2 Zone		
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5970	Late Cretaceous G-2 Zone		
5971	Late Cretaceous G-2 Zone		
5972	Late Cretaceous H Zone		
5973	Late Cretaceous H Zone		
5974	Late Cretaceous H Zone		
5975	Late Cretaceous H Zone		
5976	Late Cretaceous H Zone		
5977	Late Cretaceous G-2 Zone		
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5989	Late Cretaceous H Zone		
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6143	Late Cretaceous I-2 Zone		
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6204	Late Cretaceous I-2 Zone		
6205	Late Cretaceous I-2 Zone		
6206	Eocene		
6207	Eocene		
6208	Eocene		
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1	ZONE/STAGE/SERIES/AGE		
6217	Eocene		
6218	Eocene		
6219	Eocene		
6220	Eocene		
6221	Eocene		
6222	Eocene		
6223	Eocene		
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6225	Eocene		
6226	Eocene		
6227	Eocene		
6228	Eocene		
6229	Eocene		
6230	Eocene		
6231	Eocene		
6232	Eocene		
6233	assemblage slide		
6234	Oligocene?		
6235	Late Cretaceous possibly H Zone		
6236	Late Cretaceous possibly H Zone		
6237	Late Cretaceous possibly H Zone		
6238	Late Cretaceous possibly H Zone		
6239	Late Cretaceous possibly H Zone		
6240	Late Cretaceous possibly H Zone		
6241	Miocene		
6242	Miocene		
6243	Miocene		
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6246	Miocene		
6247	Miocene		
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6249	Miocene		
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6253	Miocene		
6254	Miocene		
6255	Miocene		
6256	Miocene		
6257	Miocene		
6258	Miocene		
6259	Early Cretaceous K Zone		
6260	Early Cretaceous J-2 Zone		
6261	Early Cretaceous J-2 Zone		
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6264	Early Cretaceous J-2 Zone		
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6291	Early Cretaceous J-2 Zone		
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6443	Early Cretaceous J-2 Zone		
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6445	Early Cretaceous J-2 Zone		
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6500	Early Cretaceous J-2 Zone		
6501	Early Cretaceous J-1 Zone		
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6510	Early Cretaceous J-1 Zone		
6511	Early Cretaceous J-1 Zone		
6512	Early Cretaceous J-1 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
6513	Early Cretaceous J-1 Zone		
6514	Early Cretaceous J-1 Zone		
6515	Early Cretaceous J-1 Zone		
6516	Early Cretaceous J-1 Zone		
6517	Early Cretaceous J-1 Zone		
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6520	Early Cretaceous J-1 Zone		
6521	Late Cretaceous I Zone		
6522	Late Cretaceous I Zone		
6523	Late Cretaceous I Zone		
6524	Late Cretaceous I Zone		
6525	Late Cretaceous I Zone		
6526	Late Cretaceous I Zone		
6527	Late Cretaceous H Zone		
6528	Late Cretaceous H Zone		
6529	Late Cretaceous H Zone		
6530	Late Cretaceous H Zone		
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6532	Late Cretaceous H Zone		
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6547	Late Cretaceous H Zone		
6548	Late Cretaceous H Zone		
6549	Late Cretaceous H Zone		
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6551	Late Cretaceous H Zone		
6552	Late Cretaceous H Zone		
6553	Late Cretaceous H Zone		
6554	Late Cretaceous H Zone		
6555	Late Jurassic M Zone		
6556	Late Jurassic M Zone		
6557	Late Jurassic M Zone		
6558	Late Jurassic M Zone		
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6560	Late Jurassic M Zone		
6561	Late Jurassic M Zone		
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6563	Late Jurassic M Zone		
6564	Late Jurassic M Zone		
6565	Late Jurassic M Zone		
6566	Late Jurassic M Zone		
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6569	Late Jurassic M Zone		
6570	Early Cretaceous L Zone		
6571	Early Cretaceous L Zone		
6572	Early Cretaceous L Zone		
6573	Early Cretaceous L Zone		
6574	Early Cretaceous L Zone		
6575	Early Cretaceous L Zone		
6576	Early Cretaceous L Zone		
6577	Early Cretaceous L Zone		
6578	Early Cretaceous K Zone		
6579	Early Cretaceous K Zone		
6580	Late Cretaceous I Zone		
6581	Late Cretaceous J-1 Zone		
6582	Late Cretaceous J-1 Zone		
6583	Late Cretaceous J-1 Zone		
6584	Late Cretaceous J-1 Zone		
6585	Late Cretaceous J-1 Zone		
6586	Late Cretaceous J-1 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
6587	Late Cretaceous J-1 Zone		
6588	Late Cretaceous J-1 Zone		
6589	Late Cretaceous J-1 Zone		
6590	Early Cretaceous J-2 Zone		
6591	Early Cretaceous J-2 Zone		
6592	Early Cretaceous J-2 Zone		
6593	Early Cretaceous J-2 Zone		
6594	Early Cretaceous J-2 Zone		
6595	Late Cretaceous G-2 Zone		
6596	Late Cretaceous G-2 Zone		
6597	Late Cretaceous G-2 Zone		
6598	Late Cretaceous G-2 Zone		
6599	Late Cretaceous G-2 Zone		
6600	Late Cretaceous G-2 Zone		
6601	Late Cretaceous H Zone		
6602	Late Cretaceous H Zone		
6603	Late Cretaceous H Zone		
6604	Late Cretaceous H Zone		
6605	Late Cretaceous H Zone		
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6607	Late Cretaceous H Zone		
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6609	Late Cretaceous H Zone		
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6658	Late Cretaceous H Zone		
6659	Late Cretaceous H Zone		
6660	Late Cretaceous H Zone		

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1	ZONE/STAGE/SERIES/AGE		
6661	Late Cretaceous H Zone		
6662	Late Cretaceous H Zone		
6663	Late Cretaceous H Zone		
6664	Late Cretaceous H Zone		
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6672	Late Cretaceous H Zone		
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6674	Late Cretaceous H Zone		
6675	Late Cretaceous I Zone		
6676	Late Cretaceous I Zone		
6677	Late Cretaceous I Zone		
6678	Late Cretaceous I Zone		
6679	Late Cretaceous I Zone		
6680	Late Cretaceous I Zone		
6681	Late Cretaceous I Zone		
6682	Late Cretaceous I Zone		
6683	Late Cretaceous I Zone		
6684	Late Cretaceous I Zone		
6685	Late Cretaceous I Zone		
6686	Late Cretaceous I Zone		
6687	Late Cretaceous I Zone		
6688	Late Cretaceous I Zone		
6689	Late Cretaceous I Zone		
6690	Late Cretaceous I Zone		
6691	Late Cretaceous I Zone		
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6696	Late Cretaceous I Zone		
6697	Late Cretaceous I Zone		
6698	Late Cretaceous I Zone		
6699	Late Cretaceous I Zone		
6700	Late Cretaceous I Zone		
6701	Late Cretaceous I Zone		
6702	Late Cretaceous I Zone		
6703	Late Cretaceous I Zone		
6704	Late Cretaceous I Zone		
6705	Late Cretaceous I Zone		
6706	no new paleo information		
6707	no new paleo information		
6708	no new paleo information		
6709	no new paleo information		
6710	no new paleo information		
6711	no new paleo information		
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6732	no new paleo information		
6733	no new paleo information		
6734	no new paleo information		

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1	ZONE/STAGE/SERIES/AGE		
6735	no new paleo information		
6736	no new paleo information		
6737	no new paleo information		
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6739	no new paleo information		
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6799	no new paleo information		
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6801	no new paleo information		
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6804	no new paleo information		
6805	no new paleo information		
6806	no new paleo information		
6807	no new paleo information		
6808	no new paleo information		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
6809	late Eocene		
6810	late Eocene		
6811	late Eocene		
6812	late Eocene		
6813	early Miocene Saucesian Stage		
6814	early Miocene upper Saucesian Stage		
6815	early Miocene upper Saucesian Stage		
6816	early Miocene upper Saucesian Stage		
6817	early Miocene upper Saucesian Stage		
6818	early Miocene upper Saucesian Stage		
6819	early Miocene Saucesian or Relizian Stage		
6820	early Miocene Saucesian or Relizian Stage		
6821	Early Cretaceous J-2 Zone		
6822	Early Cretaceous J-2 Zone		
6823	Early Cretaceous J-2 Zone		
6824	Early Cretaceous J-2 Zone		
6825	Early Cretaceous J-2 Zone		
6826	Early Cretaceous J-2 Zone		
6827	Early Cretaceous J-2 Zone		
6828	Early Cretaceous J-2 Zone		
6829	Early Cretaceous J-2 Zone		
6830	Early Cretaceous J-2 Zone		
6831	Early Cretaceous J-2 Zone		
6832	Early Cretaceous J-2 Zone		
6833	Early Cretaceous J-2 Zone		
6834	Early Cretaceous J-2 Zone		
6835	Early Cretaceous J-2 Zone		
6836	Early Cretaceous J-2 Zone		
6837	Early Cretaceous J-2 Zone		
6838	Early Cretaceous J-2 Zone		
6839	Early Cretaceous J-2 Zone		
6840	Early Cretaceous J-2 Zone		
6841	Early Cretaceous J-2 Zone		
6842	Early Cretaceous J-2 Zone		
6843	Early Cretaceous J-2 Zone		
6844	Early Cretaceous J-2 Zone		
6845	Early Cretaceous J-2 Zone		
6846	Early Cretaceous J-2 Zone		
6847	Early Cretaceous J-2 Zone		
6848	Early Cretaceous J-2 Zone		
6849	Early Cretaceous J-2 Zone		
6850	Early Cretaceous J-2 Zone		
6851	Early Cretaceous J-2 Zone		
6852	Early Cretaceous J-2 Zone		
6853	Early Cretaceous J-2 Zone		
6854	Early Cretaceous J-2 Zone		
6855	late Eocene		
6856	late Eocene		
6857	late Eocene		
6858	late Eocene		
6859	late Eocene		
6860	early Miocene Saucesian or Relizian Stage		
6861	early Miocene Saucesian or Relizian Stage		
6862	early Miocene Saucesian or Relizian Stage		
6863	Late Cretaceous G-2 Zone		
6864	middle Eocene A-2 Zone		
6865	middle Eocene A-2 Zone		
6866	Oligocene Zemorrian or early Miocene Saucesian Stage		
6867	early Miocene Saucesian Stage		
6868	early Miocene Saucesian Stage		
6869	early Miocene Saucesian Stage		
6870	Cretaceous? arenaceous foraminifers		
6871	early Miocene Saucesian Stage		
6872	Miocene		
6873	early Miocene		
6874	early Miocene Saucesian Stage		
6875	early Miocene Saucesian Stage		
6876	early Miocene Saucesian Stage		
6877	early Miocene Saucesian Stage		
6878	early Miocene Saucesian Stage		
6879	early Miocene Saucesian Stage		
6880	early Eocene B-4 Zone		
6881	early Eocene B-4 Zone		
6882	early Eocene B-4 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
6883	early Eocene B-4 Zone		
6884	early Eocene B-4 Zone		
6885	early Eocene B-4 Zone		
6886	early Eocene B-4 Zone		
6887	early Eocene B-4 Zone		
6888	early Eocene B-4 Zone		
6889	early Eocene B-4 Zone		
6890	early Eocene B-4 Zone		
6891	early Eocene B-4 Zone		
6892	early Eocene B-4 Zone		
6893	early Eocene B-4 Zone		
6894	early Eocene B-4 Zone		
6895	early Eocene B-4 Zone		
6896	early Eocene B-4 Zone		
6897	early Eocene B-4 Zone		
6898	early Eocene B-4 Zone		
6899	early Eocene B-4 Zone		
6900	early Eocene B-4 Zone		
6901	early Eocene B-4 Zone		
6902	early Eocene B-4 Zone		
6903	early Eocene B-4 Zone		
6904	early Eocene B-4 Zone		
6905	early Eocene B-4 Zone		
6906	early Eocene B-4 Zone		
6907	early Eocene B-4 Zone		
6908	early Eocene B-4 Zone		
6909	early Eocene B-4 Zone		
6910	early Eocene B-4 Zone		
6911	early Eocene B-4 Zone		
6912	early Eocene B-4 Zone		
6913	early Eocene B-4 Zone		
6914	early Eocene B-4 Zone		
6915	early Eocene B-4 Zone		
6916	early Miocene Saucesian or Relizian Stage		
6917	early Miocene Saucesian or Relizian Stage		
6918	early Miocene upper Saucesian Stage		
6919	early Miocene upper Saucesian Stage		
6920	early Miocene upper Saucesian Stage		
6921	early Miocene upper Saucesian Stage		
6922	early Miocene upper Saucesian Stage		
6923	Miocene		
6924	late Miocene		
6925	late Miocene		
6926	early or middle Miocene		
6927	early or middle Miocene		
6928	early Miocene Relizian Stage		
6929	early Miocene Saucesian Stage		
6930	early Miocene Saucesian Stage		
6931	early Miocene Saucesian Stage		
6932	early Miocene Saucesian Stage		
6933	early Miocene Saucesian Stage		
6934	early Miocene Relizian Stage		
6935	middle and late Miocene Mohnian Stage		
6936	middle and late Miocene Mohnian Stage		
6937	middle and late Miocene Mohnian Stage		
6938	middle and late Miocene Mohnian Stage		
6939	middle and late Miocene Mohnian Stage		
6940	middle and late Miocene Mohnian Stage		
6941	middle and late Miocene Mohnian Stage		
6942	middle and late Miocene Mohnian Stage		
6943	middle and late Miocene Mohnian Stage		
6944	middle and late Miocene Mohnian Stage		
6945	middle Miocene Luisian Stage		
6946	middle Miocene Luisian Stage		
6947	middle Miocene Luisian Stage		
6948	middle Miocene Luisian Stage		
6949	middle Miocene Luisian Stage		
6950	late Eocene		
6951	late Eocene		
6952	late Eocene		
6953	late Eocene		
6954	late Eocene		
6955	late Eocene		
6956	late Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
6957	early Eocene		
6958	early Eocene		
6959	early Eocene		
6960	early Eocene		
6961	early Eocene		
6962	early Eocene		
6963	early Eocene		
6964	early Eocene		
6965	early Eocene		
6966	early Eocene		
6967	early Eocene		
6968	early Eocene		
6969	early Eocene		
6970	early Eocene Discoaster lodoensis Zone		
6971	early Eocene Discoaster lodoensis Zone		
6972	early Eocene Discoaster lodoensis Zone		
6973	early Eocene Discoaster lodoensis Zone		
6974	early Eocene Chiaphragmalithus acanthades Zone		
6975	early Eocene Chiaphragmalithus acanthades Zone		
6976	late Paleocene		
6977	late Paleocene		
6978	late Paleocene		
6979	late Paleocene		
6980	late Paleocene		
6981	late Paleocene		
6982	late Paleocene		
6983	late Paleocene		
6984	late Paleocene		
6985	late Paleocene		
6986	late Paleocene		
6987	late Paleocene		
6988	late Paleocene		
6989	late Paleocene		
6990	late Paleocene		
6991	late Paleocene		
6992	late Paleocene		
6993	late Paleocene		
6994	late Paleocene		
6995	late Paleocene		
6996	late Paleocene		
6997	late Paleocene		
6998	late Paleocene		
6999	late Paleocene		
7000	late Paleocene		
7001	late Paleocene		
7002	late Paleocene		
7003	late Paleocene		
7004	late Paleocene		
7005	late Paleocene		
7006	late Paleocene		
7007	late Paleocene		
7008	late Paleocene		
7009	late Paleocene		
7010	late Paleocene		
7011	late Paleocene		
7012	late Paleocene		
7013	late Paleocene		
7014	late Paleocene		
7015	early Eocene		
7016	early Eocene		
7017	early Eocene		
7018	early Eocene		
7019	early Eocene		
7020	early Eocene		
7021	early Eocene		
7022	early Eocene		
7023	early Eocene		
7024	early Eocene		
7025	early Eocene		
7026	early Eocene		
7027	early Eocene		
7028	early Eocene		
7029	early Eocene		
7030	early Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
7031	early Eocene		
7032	early Eocene		
7033	early Eocene		
7034	early Eocene		
7035	early Eocene		
7036	early Eocene		
7037	early Eocene		
7038	early Eocene		
7039	early Eocene		
7040	early Eocene		
7041	early Eocene		
7042	early Eocene		
7043	early Eocene		
7044	early Eocene		
7045	middle Eocene		
7046	middle Eocene		
7047	middle Eocene		
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7052	middle Eocene		
7053	middle Eocene		
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7058	middle Eocene		
7059	middle Eocene		
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7091	middle Eocene		
7092	middle Eocene		
7093	middle Eocene		
7094	middle Eocene		
7095	middle Eocene		
7096	middle Eocene		
7097	middle Eocene		
7098	middle Eocene		
7099	middle Eocene		
7100	early Eocene		
7101	early Eocene		
7102	early Eocene		
7103	early Eocene		
7104	early Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
7105	early Eocene		
7106	early Eocene		
7107	early Eocene		
7108	early Eocene		
7109	early Eocene		
7110	early Eocene		
7111	early Eocene		
7112	early Eocene		
7113	early Eocene		
7114	early Eocene		
7115	early Eocene		
7116	early Eocene		
7117	early Eocene		
7118	early Eocene		
7119	early Eocene		
7120	early Eocene		
7121	early Eocene		
7122	early Eocene		
7123	early Eocene		
7124	early Eocene		
7125	early Eocene		
7126	early Eocene		
7127	early Eocene		
7128	early Eocene		
7129	early Eocene		
7130	early Eocene		
7131	early Eocene		
7132	early Eocene		
7133	early Eocene		
7134	early Eocene		
7135	early Eocene		
7136	early Eocene		
7137	early Eocene		
7138	early Eocene		
7139	early Eocene		
7140	early Eocene		
7141	early Eocene		
7142	early Eocene		
7143	early Eocene		
7144	early Eocene		
7145	early Eocene		
7146	early Eocene		
7147	early Eocene		
7148	middle Eocene		
7149	middle Eocene		
7150	middle Eocene		
7151	middle Eocene		
7152	middle Eocene		
7153	middle Eocene		
7154	middle Eocene		
7155	middle Eocene		
7156	middle Eocene		
7157	middle Eocene		
7158	middle Eocene		
7159	middle Eocene		
7160	middle Eocene		
7161	middle Eocene		
7162	middle Eocene		
7163	middle Eocene		
7164	middle Eocene		
7165	middle Eocene		
7166	middle Eocene		
7167	middle Eocene		
7168	early Paleocene Danian Stage		
7169	late Paleocene E zone		
7170	late Paleocene E zone		
7171	late Paleocene E zone		
7172	late Paleocene E zone		
7173	late Paleocene E zone		
7174	late Paleocene D zone		
7175	late Paleocene D zone		
7176	late Paleocene D zone		
7177	early Eocene Discoaster lodoensis Zone		
7178	early Eocene Discoaster lodoensis Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
7179	early Eocene Discoaster lodoensis Zone		
7180	early Eocene Discoaster lodoensis Zone		
7181	early Eocene Chiaphragmalithus acanthades Zone		
7182	early Eocene Discoaster tribrachiatus Zone		
7183	early Eocene Discoaster tribrachiatus Zone		
7184	early Eocene Discoaster lodoensis Zone		
7185	early Eocene Discoaster lodoensis Zone		
7186	early Eocene Discoaster lodoensis Zone		
7187	early Eocene Discoaster lodoensis Zone		
7188	early Eocene Chiaphragmalithus acanthades Zone		
7189	middle Eocene		
7190	middle Eocene		
7191	middle Eocene		
7192	middle Eocene		
7193	middle Eocene		
7194	middle Eocene		
7195	middle Eocene		
7196	middle Eocene		
7197	Eocene		
7198	Late Cretaceous C or D-1 Zone		
7199	Late Cretaceous C or D-1 Zone		
7200	Late Cretaceous C or D-1 Zone		
7201	Late Cretaceous C or D-1 Zone		
7202	Late Cretaceous C or D-1 Zone		
7203	Late Cretaceous C or D-1 Zone		
7204	Late Cretaceous C or D-1 Zone		
7205	Late Cretaceous C or D-1 Zone		
7206	Late Cretaceous C or D-1 Zone		
7207	Late Cretaceous C or D-1 Zone		
7208	Late Cretaceous C or D-1 Zone		
7209	Late Cretaceous C or D-1 Zone		
7210	Late Cretaceous C or D-1 Zone		
7211	Late Cretaceous C or D-1 Zone		
7212	Late Cretaceous C or D-1 Zone		
7213	Late Cretaceous C or D-1 Zone		
7214	Late Cretaceous D-2 Zone		
7215	Late Cretaceous D-2 Zone		
7216	Late Cretaceous D-2 Zone		
7217	Late Cretaceous D-2 Zone		
7218	Late Cretaceous D-2 Zone		
7219	Late Cretaceous D-2 Zone		
7220	Late Cretaceous D-2 Zone		
7221	Late Cretaceous D-2 Zone		
7222	Late Cretaceous D-2 Zone		
7223	Late Cretaceous D-2 Zone		
7224	Late Cretaceous D-2 Zone		
7225	Late Cretaceous D-2 Zone		
7226	Late Cretaceous D-2 Zone		
7227	Late Cretaceous D-2 Zone		
7228	Late Cretaceous D-2 Zone		
7229	Late Cretaceous E Zone		
7230	Late Cretaceous E Zone		
7231	Late Cretaceous E Zone		
7232	Late Cretaceous E Zone		
7233	Late Cretaceous E Zone		
7234	Late Cretaceous E Zone		
7235	Late Cretaceous E Zone		
7236	Late Cretaceous E Zone		
7237	Late Cretaceous E Zone		
7238	Late Cretaceous E Zone		
7239	Late Cretaceous E Zone		
7240	Eocene		
7241	Eocene		
7242	Eocene		
7243	Eocene		
7244	Eocene		
7245	Eocene		
7246	Eocene		
7247	Eocene		
7248	Eocene		
7249	Eocene		
7250	Eocene		
7251	Eocene		
7252	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
7253	Eocene		
7254	Eocene		
7255	middle Miocene Luisian Stage		
7256	middle Miocene Luisian Stage		
7257	Late Cretaceous arenaceous foraminifers		
7258	Late Cretaceous arenaceous foraminifers		
7259	Late Cretaceous arenaceous foraminifers		
7260	Late Cretaceous arenaceous foraminifers		
7261	Late Cretaceous arenaceous foraminifers		
7262	Late Cretaceous arenaceous foraminifers		
7263	Late Cretaceous arenaceous foraminifers		
7264	Late Cretaceous arenaceous foraminifers		
7265	Late Cretaceous arenaceous foraminifers		
7266	Late Cretaceous arenaceous foraminifers		
7267	Late Cretaceous arenaceous foraminifers		
7268	Late Cretaceous arenaceous foraminifers		
7269	Late Cretaceous arenaceous foraminifers		
7270	Late Cretaceous arenaceous foraminifers		
7271	Late Cretaceous F or G Zone		
7272	Late Cretaceous F or G Zone		
7273	Late Cretaceous F or G Zone		
7274	Late Cretaceous F or G Zone		
7275	Late Cretaceous F or G Zone		
7276	Late Cretaceous F or G Zone		
7277	Late Cretaceous F or G Zone		
7278	Late Cretaceous F or G Zone		
7279	Late Cretaceous F or G Zone		
7280	Late Cretaceous G-2 Zone		
7281	Late Cretaceous G-2 Zone		
7282	Late Cretaceous G-2 Zone		
7283	Late Cretaceous D-2 Zone		
7284	Cretaceous		
7285	Cretaceous		
7286	Cretaceous		
7287	Cretaceous		
7288	Cretaceous		
7289	Cretaceous		
7290	Cretaceous		
7291	Cretaceous		
7292	Cretaceous		
7293	Cretaceous		
7294	Cretaceous		
7295	Cretaceous		
7296	Miocene		
7297	Miocene		
7298	Miocene		
7299	Miocene		
7300	early or middle Miocene		
7301	early Miocene Saucesian or Relizian Stage		
7302	early or middle Miocene Relizian or Luisian Stage		
7303	early or middle Miocene Relizian or Luisian Stage		
7304	early or middle Miocene Relizian or Luisian Stage		
7305	middle Miocene Luisian Stage		
7306	middle Miocene Luisian Stage		
7307	middle Miocene Luisian Stage		
7308	Eocene		
7309	Eocene		
7310	Eocene		
7311	Eocene		
7312	late Paleocene D zone		
7313	late Paleocene D zone		
7314	late Paleocene D zone		
7315	early Miocene Saucesian Stage		
7316	early Miocene Saucesian Stage		
7317	early Miocene Saucesian Stage		
7318	early Miocene Saucesian Stage		
7319	early Miocene Saucesian Stage		
7320	early Miocene Saucesian Stage		
7321	early Miocene Saucesian Stage		
7322	early Miocene Saucesian Stage		
7323	early Miocene Saucesian Stage		
7324	early Miocene Saucesian Stage		
7325	early Miocene Saucesian Stage		
7326	early Miocene Saucesian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
7327	early Miocene Saucesian Stage		
7328	early Miocene Saucesian Stage		
7329	early Miocene Saucesian Stage		
7330	early Miocene Saucesian Stage		
7331	early Miocene Saucesian Stage		
7332	early Miocene Saucesian Stage		
7333	early Miocene Saucesian Stage		
7334	early Miocene Saucesian Stage		
7335	early Miocene Saucesian Stage		
7336	early Miocene Saucesian Stage		
7337	Oligocene Zemorrian Stage		
7338	middle Miocene		
7339	middle Miocene		
7340	late Miocene		
7341	late Miocene		
7342	late Miocene		
7343	late Miocene		
7344	late Miocene		
7345	late Miocene		
7346	late Miocene		
7347	late Miocene		
7348	late Miocene		
7349	late Miocene		
7350	late Miocene		
7351	late Miocene		
7352	late Miocene		
7353	late Miocene		
7354	late Miocene		
7355	late Miocene		
7356	late Miocene		
7357	late Miocene		
7358	late Miocene		
7359	late Miocene		
7360	late Miocene		
7361	late Miocene		
7362	late Miocene		
7363	late Miocene		
7364	late Miocene		
7365	late Miocene		
7366	late Miocene		
7367	late Miocene		
7368	late Miocene		
7369	late Miocene		
7370	late Miocene		
7371	late Miocene		
7372	late Miocene		
7373	late Miocene		
7374	late Miocene		
7375	Pliocene		
7376	early Miocene Saucesian or Relizian Stage		
7377	early Miocene Saucesian or Relizian Stage		
7378	Miocene		
7379	early Miocene Relizian Stage		
7380	early Miocene Saucesian or Relizian Stage		
7381	early Miocene Saucesian or Relizian Stage		
7382	early Miocene Saucesian or Relizian Stage		
7383	early Miocene Saucesian or Relizian Stage		
7384	early Miocene Saucesian or Relizian Stage		
7385	early Miocene Saucesian or Relizian Stage		
7386	early Miocene Relizian Stage		
7387	early Miocene Saucesian or Relizian Stage		
7388	early Miocene Saucesian or Relizian Stage		
7389	early Miocene Saucesian or Relizian Stage		
7390	early Miocene Saucesian or Relizian Stage		
7391	early Miocene lower Relizian Stage		
7392	early Miocene Saucesian or Relizian Stage		
7393	early Miocene Saucesian or Relizian Stage		
7394	early Miocene Saucesian or Relizian Stage		
7395	early Miocene Saucesian or Relizian Stage		
7396	early Miocene Saucesian or Relizian Stage		
7397	early Miocene Relizian Stage		
7398	early Miocene Relizian Stage		
7399	early Miocene Relizian Stage		
7400	early Miocene Relizian Stage		

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1	**ZONE/STAGE/SERIES/AGE**		
7401	early Miocene Relizian Stage		
7402	early Miocene Saucesian or Relizian Stage		
7403	early Miocene Saucesian or Relizian Stage		
7404	Late Cretaceous arenaceous foraminifers		
7405	Late Cretaceous arenaceous foraminifers		
7406	Late Cretaceous arenaceous foraminifers		
7407	Late Cretaceous arenaceous foraminifers		
7408	Late Cretaceous arenaceous foraminifers		
7409	Late Cretaceous arenaceous foraminifers		
7410	Late Cretaceous arenaceous foraminifers		
7411	Late Cretaceous arenaceous foraminifers		
7412	Late Cretaceous arenaceous foraminifers		
7413	Late Cretaceous arenaceous foraminifers		
7414	Late Cretaceous arenaceous foraminifers		
7415	Late Cretaceous arenaceous foraminifers		
7416	Late Cretaceous arenaceous foraminifers		
7417	Late Cretaceous arenaceous foraminifers		
7418	Late Cretaceous arenaceous foraminifers		
7419	Late Cretaceous arenaceous foraminifers		
7420	Late Cretaceous arenaceous foraminifers		
7421	Late Cretaceous arenaceous foraminifers		
7422	Late Cretaceous arenaceous foraminifers		
7423	Late Cretaceous arenaceous foraminifers		
7424	Late Cretaceous arenaceous foraminifers		
7425	Late Cretaceous arenaceous foraminifers		
7426	Late Cretaceous arenaceous foraminifers		
7427	Late Cretaceous arenaceous foraminifers		
7428	Late Cretaceous arenaceous foraminifers		
7429	Late Cretaceous arenaceous foraminifers		
7430	Late Cretaceous arenaceous foraminifers		
7431	Late Cretaceous arenaceous foraminifers		
7432	Late Cretaceous arenaceous foraminifers		
7433	Late Cretaceous arenaceous foraminifers		
7434	Late Cretaceous arenaceous foraminifers		
7435	Late Cretaceous arenaceous foraminifers		
7436	Late Cretaceous arenaceous foraminifers		
7437	Late Cretaceous arenaceous foraminifers		
7438	Late Cretaceous arenaceous foraminifers		
7439	Late Cretaceous arenaceous foraminifers		
7440	Late Cretaceous arenaceous foraminifers		
7441	Late Cretaceous arenaceous foraminifers		
7442	Late Cretaceous arenaceous foraminifers		
7443	Late Cretaceous arenaceous foraminifers		
7444	Late Cretaceous arenaceous foraminifers		
7445	Late Cretaceous arenaceous foraminifers		
7446	Late Cretaceous arenaceous foraminifers		
7447	Late Cretaceous arenaceous foraminifers		
7448	Late Cretaceous arenaceous foraminifers		
7449	Late Cretaceous arenaceous foraminifers		
7450	Late Cretaceous arenaceous foraminifers		
7451	Late Cretaceous arenaceous foraminifers		
7452	Late Cretaceous arenaceous foraminifers		
7453	Late Cretaceous arenaceous foraminifers		
7454	Late Cretaceous arenaceous foraminifers		
7455	Late Cretaceous arenaceous foraminifers		
7456	Late Cretaceous arenaceous foraminifers		
7457	Late Cretaceous arenaceous foraminifers		
7458	Late Cretaceous arenaceous foraminifers		
7459	Late Cretaceous arenaceous foraminifers		
7460	Late Cretaceous arenaceous foraminifers		
7461	Late Cretaceous arenaceous foraminifers		
7462	Late Cretaceous arenaceous foraminifers		
7463	Late Cretaceous arenaceous foraminifers		
7464	Late Cretaceous arenaceous foraminifers		
7465	Late Cretaceous arenaceous foraminifers		
7466	Late Cretaceous arenaceous foraminifers		
7467	Late Cretaceous arenaceous foraminifers		
7468	Late Cretaceous arenaceous foraminifers		
7469	Late Cretaceous arenaceous foraminifers		
7470	Late Cretaceous arenaceous foraminifers		
7471	Late Cretaceous arenaceous foraminifers		
7472	Late Cretaceous arenaceous foraminifers		
7473	Late Cretaceous arenaceous foraminifers		
7474	Late Cretaceous arenaceous foraminifers		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
7475	Late Cretaceous arenaceous foraminifers		
7476	Late Cretaceous arenaceous foraminifers		
7477	Late Cretaceous arenaceous foraminifers		
7478	Late Cretaceous arenaceous foraminifers		
7479	Late Cretaceous arenaceous foraminifers		
7480	Late Cretaceous arenaceous foraminifers		
7481	Late Cretaceous arenaceous foraminifers		
7482	Late Cretaceous arenaceous foraminifers		
7483	Late Cretaceous arenaceous foraminifers		
7484	Late Cretaceous arenaceous foraminifers		
7485	Late Cretaceous arenaceous foraminifers		
7486	Late Cretaceous arenaceous foraminifers		
7487	Late Cretaceous arenaceous foraminifers		
7488	Late Cretaceous arenaceous foraminifers		
7489	Late Cretaceous arenaceous foraminifers		
7490	Late Cretaceous arenaceous foraminifers		
7491	Late Cretaceous arenaceous foraminifers		
7492	Late Cretaceous arenaceous foraminifers		
7493	Late Cretaceous arenaceous foraminifers		
7494	Late Cretaceous arenaceous foraminifers		
7495	Late Cretaceous arenaceous foraminifers		
7496	Late Cretaceous arenaceous foraminifers		
7497	Late Cretaceous arenaceous foraminifers		
7498	Late Cretaceous arenaceous foraminifers		
7499	Late Cretaceous arenaceous foraminifers		
7500	Late Cretaceous arenaceous foraminifers		
7501	Late Cretaceous arenaceous foraminifers		
7502	Late Cretaceous arenaceous foraminifers		
7503	Late Cretaceous arenaceous foraminifers		
7504	Late Cretaceous arenaceous foraminifers		
7505	Late Cretaceous arenaceous foraminifers		
7506	Late Cretaceous arenaceous foraminifers		
7507	Late Cretaceous arenaceous foraminifers		
7508	Late Cretaceous arenaceous foraminifers		
7509	Late Cretaceous arenaceous foraminifers		
7510	Late Cretaceous arenaceous foraminifers		
7511	Late Cretaceous arenaceous foraminifers		
7512	Late Cretaceous arenaceous foraminifers		
7513	Late Cretaceous arenaceous foraminifers		
7514	Late Cretaceous arenaceous foraminifers		
7515	Late Cretaceous arenaceous foraminifers		
7516	Late Cretaceous arenaceous foraminifers		
7517	Late Cretaceous arenaceous foraminifers		
7518	Late Cretaceous arenaceous foraminifers		
7519	Late Cretaceous arenaceous foraminifers		
7520	Late Cretaceous arenaceous foraminifers		
7521	Late Cretaceous arenaceous foraminifers		
7522	Late Cretaceous arenaceous foraminifers		
7523	Late Cretaceous arenaceous foraminifers		
7524	Late Cretaceous arenaceous foraminifers		
7525	Late Cretaceous		
7526	Late Cretaceous		
7527	Late Cretaceous		
7528	Late Cretaceous		
7529	Late Cretaceous		
7530	Late Cretaceous		
7531	Late Cretaceous		
7532	early Miocene Relizian Stage		
7533	early Miocene Saucesian Stage		
7534	early Miocene Saucesian Stage		
7535	early Miocene Saucesian Stage		
7536	early Miocene Saucesian Stage		
7537	early Miocene Saucesian Stage		
7538	early Miocene Relizian Stage		
7539	early Miocene Relizian Stage		
7540	early Miocene Relizian Stage		
7541	early Miocene Relizian Stage		
7542	early Miocene Relizian Stage		
7543	early Miocene Relizian Stage		
7544	early Miocene Relizian Stage		
7545	early Miocene Relizian Stage		
7546	early Miocene Relizian Stage		
7547	early Miocene Relizian Stage		
7548	early Miocene Relizian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
7549	early Miocene Relizian Stage		
7550	early Miocene Saucesian Stage		
7551	early Miocene Saucesian Stage		
7552	early Miocene Saucesian Stage		
7553	early Miocene Saucesian Stage		
7554	early Miocene Saucesian Stage		
7555	early Miocene Saucesian Stage		
7556	early Miocene Saucesian Stage		
7557	early Miocene Saucesian Stage		
7558	early Miocene Saucesian Stage		
7559	early Miocene Saucesian Stage		
7560	early Miocene Saucesian Stage		
7561	early Miocene Saucesian Stage		
7562	early Miocene Saucesian Stage		
7563	early Miocene Saucesian Stage		
7564	early Miocene Saucesian Stage		
7565	early Miocene Saucesian Stage		
7566	early Miocene Saucesian Stage		
7567	early Miocene Saucesian Stage		
7568	early Miocene Saucesian Stage		
7569	early Miocene Saucesian Stage		
7570	early Miocene Saucesian Stage		
7571	early Miocene Saucesian Stage		
7572	early Miocene Saucesian Stage		
7573	early Miocene Saucesian Stage		
7574	early Miocene Saucesian Stage		
7575	early Miocene Saucesian Stage		
7576	early Miocene Saucesian Stage		
7577	early Miocene Saucesian Stage		
7578	early Miocene Saucesian Stage		
7579	early Miocene Saucesian Stage		
7580	early Miocene Saucesian Stage		
7581	Late Cretaceous arenaceous foraminifers		
7582	early Eocene B or C Zone		
7583	early Eocene B or C Zone		
7584	early Eocene B or C Zone		
7585	early Eocene B or C Zone		
7586	early Eocene B or C Zone		
7587	early Eocene B or C Zone		
7588	middle Eocene Nortonville equivalent		
7589	Late Cretaceous D-2 Zone		
7590	early Miocene		
7591	early Miocene		
7592	middle Miocene		
7593	middle Miocene Luisian Stage		
7594	middle Miocene Luisian Stage		
7595	middle Miocene upper Luisian Stage		
7596	PseudoSaucesian facies		
7597	middle and late Miocene lower Mohnian Stage		
7598	middle Miocene		
7599	PseudoSaucesian facies		
7600	middle and late Miocene lower Mohnian Stage		
7601	middle and late Miocene lower Mohnian Stage		
7602	early Miocene Saucesian Stage		
7603	early Miocene Saucesian or Relizian Stage		
7604	early Miocene Relizian Stage		
7605	Miocene		
7606	middle and late Miocene upper Mohnian Stage		
7607	middle and late Miocene upper Mohnian Stage		
7608	middle and late Miocene upper Mohnian Stage		
7609	middle and late Miocene upper Mohnian Stage		
7610	middle and late Miocene upper Mohnian Stage		
7611	middle and late Miocene upper Mohnian Stage		
7612	middle and late Miocene upper Mohnian Stage		
7613	Late Cretaceous E Zone		
7614	middle Miocene Luisian Stage		
7615	middle Miocene Luisian Stage		
7616	middle Miocene Luisian Stage		
7617	middle Miocene Luisian Stage		
7618	middle Miocene Luisian Stage		
7619	middle and late Miocene Mohnian Stage		
7620	middle and late Miocene Mohnian Stage		
7621	middle and late Miocene Mohnian Stage		
7622	middle and late Miocene Mohnian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
7623	middle and late Miocene Mohnian Stage		
7624	middle and late Miocene Mohnian Stage		
7625	middle Miocene Luisian Stage		
7626	middle Miocene Luisian Stage		
7627	middle Miocene Luisian Stage		
7628	late Miocene or Pliocene		
7629	early Miocene Relizian Stage		
7630	early Miocene Relizian Stage		
7631	early Miocene Relizian Stage		
7632	early Miocene Relizian Stage		
7633	early Miocene Relizian Stage		
7634	contaminated		
7635	contaminated		
7636	middle Miocene Luisian Stage		
7637	middle Miocene Luisian Stage		
7638	middle Miocene Luisian Stage		
7639	middle Miocene Luisian Stage		
7640	Pliocene		
7641	Pliocene megafossils		
7642	Cretaceous arenaceous foraminifers		
7643	Late Cretaceous		
7644	middle and late Miocene Mohnian Stage		
7645	Cretaceous arenaceous foraminifers		
7646	late Miocene		
7647	middle and late Miocene Mohnian Stage		
7648	late Miocene		
7649	middle and late Miocene Mohnian Stage		
7650	middle and late Miocene Mohnian Stage		
7651	middle and late Miocene Mohnian Stage		
7652	middle and late Miocene Mohnian Stage		
7653	middle and late Miocene Mohnian Stage		
7654	middle Miocene		
7655	middle Miocene Luisian Stage		
7656	middle Miocene Luisian Stage		
7657	middle Miocene Luisian Stage		
7658	middle Miocene Luisian Stage		
7659	middle Miocene Luisian Stage		
7660	late Miocene		
7661	early Miocene Relizian Stage		
7662	middle Miocene Luisian Stage		
7663	Pliocene		
7664	Pliocene		
7665	middle and late Miocene Mohnian Stage		
7666	middle and late Miocene Mohnian Stage		
7667	middle and late Miocene Mohnian Stage		
7668	Pliocene		
7669	middle and late Miocene Mohnian Stage		
7670	middle and late Miocene Mohnian Stage		
7671	middle and late Miocene Mohnian Stage		
7672	middle and late Miocene Mohnian Stage		
7673	middle and late Miocene Mohnian Stage		
7674	middle Miocene Luisian Stage		
7675	middle Miocene Luisian Stage		
7676	middle Miocene Luisian Stage		
7677	middle Miocene Luisian Stage		
7678	middle Miocene Luisian Stage		
7679	middle Miocene Luisian Stage		
7680	middle Miocene Luisian Stage		
7681	middle Miocene Luisian Stage		
7682	middle Miocene Luisian Stage		
7683	middle Miocene Luisian Stage		
7684	middle Miocene Luisian Stage		
7685	middle Miocene Luisian Stage		
7686	middle Miocene Luisian Stage		
7687	middle Miocene Luisian Stage		
7688	middle Miocene Luisian Stage		
7689	middle Miocene Luisian Stage		
7690	middle Miocene Luisian Stage		
7691	middle Miocene Luisian Stage		
7692	middle Miocene Luisian Stage		
7693	middle Miocene Luisian Stage		
7694	middle Miocene Luisian Stage		
7695	middle Miocene Luisian Stage		
7696	middle Miocene Luisian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
7697	middle Miocene Luisian Stage		
7698	middle Miocene Luisian Stage		
7699	middle Miocene Luisian Stage		
7700	middle Miocene Luisian Stage		
7701	middle Miocene Luisian Stage		
7702	middle Miocene Luisian Stage		
7703	middle Miocene Luisian Stage		
7704	middle Miocene Luisian Stage		
7705	middle Miocene Luisian Stage		
7706	middle Miocene Luisian Stage		
7707	middle Miocene Luisian Stage		
7708	middle Miocene Luisian Stage		
7709	middle Miocene Luisian Stage		
7710	middle Miocene Luisian Stage		
7711	middle Miocene Luisian Stage		
7712	middle Miocene Luisian Stage		
7713	middle Miocene Luisian Stage		
7714	middle Miocene Luisian Stage		
7715	middle Miocene Luisian Stage		
7716	middle Miocene Luisian Stage		
7717	middle Miocene Luisian Stage		
7718	middle Miocene Luisian Stage		
7719	middle Miocene Luisian Stage		
7720	middle Miocene Luisian Stage		
7721	middle Miocene Luisian Stage		
7722	middle Miocene Luisian Stage		
7723	middle Miocene Luisian Stage		
7724	middle Miocene Luisian Stage		
7725	middle Miocene Luisian Stage		
7726	middle Miocene Luisian Stage		
7727	middle Miocene Luisian Stage		
7728	middle Miocene Luisian Stage		
7729	middle Miocene Luisian Stage		
7730	middle Miocene Luisian Stage		
7731	middle Miocene Luisian Stage		
7732	middle Miocene Luisian Stage		
7733	middle Miocene Luisian Stage		
7734	middle Miocene Luisian Stage		
7735	middle Miocene Luisian Stage		
7736	middle Miocene Luisian Stage		
7737	middle Miocene Luisian Stage		
7738	middle Miocene Luisian Stage		
7739	middle Miocene Luisian Stage		
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8376	early Miocene Saucesian Stage		
8377	early Miocene Saucesian Stage		
8378	early Miocene Saucesian Stage		
8379	early Miocene Saucesian Stage		
8380	early Miocene Saucesian Stage		
8381	early Miocene Saucesian Stage		
8382	early Miocene Saucesian Stage		
8383	early Miocene Saucesian Stage		
8384	early Miocene Saucesian Stage		
8385	early Miocene Saucesian Stage		
8386	early Miocene Saucesian Stage		
8387	early Miocene Saucesian Stage		
8388	early Miocene Saucesian Stage		
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8396	early Miocene Saucesian Stage		
8397	early Miocene Saucesian Stage		
8398	early Miocene Saucesian Stage		
8399	early Miocene Saucesian Stage		
8400	early Miocene Saucesian Stage		
8401	early Miocene Saucesian Stage		
8402	early Miocene Saucesian Stage		
8403	early Miocene Saucesian Stage		
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8406	early Miocene Saucesian Stage		
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8409	early Miocene Saucesian Stage		
8410	early Miocene Saucesian Stage		
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8416	early Miocene Saucesian Stage		
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8433	early Miocene Saucesian Stage		
8434	early Miocene Saucesian Stage		
8435	early Miocene Saucesian Stage		
8436	early Miocene Saucesian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
8437	early Miocene Saucesian Stage		
8438	early Miocene Saucesian Stage		
8439	early Miocene Saucesian Stage		
8440	early Miocene Saucesian Stage		
8441	early Miocene Saucesian Stage		
8442	early Miocene Saucesian Stage		
8443	early Miocene Saucesian Stage		
8444	early Miocene Saucesian Stage		
8445	early Miocene Saucesian Stage		
8446	early Miocene Saucesian Stage		
8447	early Miocene Saucesian Stage		
8448	see samples above		
8449	see samples above		
8450	see samples above		
8451	see samples above		
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8459	see samples above		
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8509	see samples above		
8510	see samples above		

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1	ZONE/STAGE/SERIES/AGE		
8511	see samples above		
8512	see samples above		
8513	see samples above		
8514	see samples above		
8515	see samples above		
8516	see samples above		
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8518	see samples above		
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8581	see samples above		
8582	see samples above		
8583	see samples above		
8584	see samples above		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
8585	see samples above		
8586	see samples above		
8587	see samples above		
8588	see samples above		
8589	see samples above		
8590	see samples above		
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8597	see samples above		
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8599	see samples above		
8600	see samples above		
8601	see samples above		
8602	see samples above		
8603	see samples above		
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8605	see samples above		
8606	see samples above		
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8608	see samples above		
8609	see samples above		
8610	see samples above		
8611	see samples above		
8612	see samples above		
8613	see samples above		
8614	see samples above		
8615	see samples above		
8616	see samples above		
8617	see samples above		
8618	see samples above		
8619	see samples above		
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8621	see samples above		
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8628	see samples above		
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8630	see samples above		
8631	see samples above		
8632	see samples above		
8633	see samples above		
8634	see samples above		
8635	see samples above		
8636	see samples above		
8637	see samples above		
8638	see samples above		
8639	see samples above		
8640	see samples above		
8641	see samples above		
8642	see samples above		
8643	see samples above		
8644	see samples above		
8645	see samples above		
8646	see samples above		
8647	see samples above		
8648	see samples above		
8649	see samples above		
8650	see samples above		
8651	see samples above		
8652	see samples above		
8653	see samples above		
8654	middle Miocene Luisian Stage		
8655	middle and late Miocene Mohnian Stage		
8656	middle and late Miocene Mohnian Stage		
8657	middle and late Miocene Mohnian Stage		
8658	middle and late Miocene Mohnian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
8659	possibly middle and late Miocene Mohnian Stage		
8660	middle Miocene Luisian Stage		
8661	middle Miocene Luisian Stage		
8662	middle and late Miocene Mohnian Stage		
8663	middle and late Miocene Mohnian Stage		
8664	middle and late Miocene Mohnian Stage		
8665	middle and late Miocene Mohnian Stage		
8666	middle Eocene B-1 Zone		
8667	early or middle Miocene		
8668	early or middle Miocene		
8669	early or middle Miocene		
8670	early or middle Miocene		
8671	early or middle Miocene		
8672	early Miocene		
8673	early Miocene		
8674	early Miocene		
8675	early Miocene		
8676	Oligocene Zemorrian Stage		
8677	Oligocene Zemorrian Stage		
8678	Oligocene Zemorrian Stage		
8679	Oligocene Zemorrian Stage		
8680	Oligocene Zemorrian Stage		
8681	Oligocene Zemorrian Stage		
8682	Oligocene Zemorrian Stage		
8683	late Eocene Refugian Stage		
8684	late Eocene Refugian Stage		
8685	late Eocene Refugian Stage		
8686	late Eocene Refugian Stage		
8687	late Eocene Ismolithus recurvus Zone		
8688	late Eocene Refugian Stage		
8689	late Eocene Refugian Stage		
8690	late Eocene Refugian Stage		
8691	late Eocene Refugian Stage		
8692	late Eocene Refugian Stage		
8693	late Eocene Refugian Stage		
8694	late Eocene Ismolithus recurvus Zone		
8695	late Eocene Refugian Stage		
8696	late Eocene Refugian Stage		
8697	late Eocene Refugian Stage		
8698	middle Eocene Discoaster martinii Zone		
8699	middle Eocene Discoaster martinii Zone		
8700	Eocene		
8701	Eocene		
8702	Eocene		
8703	Eocene		
8704	Eocene		
8705	Eocene		
8706	middle Eocene Discoaster martinii Zone		
8707	Eocene		
8708	Eocene		
8709	Eocene		
8710	Eocene		
8711	Eocene		
8712	Eocene		
8713	Eocene		
8714	middle Eocene Chiphragmalithus quadratus Zone		
8715	middle Eocene Chiphragmalithus quadratus Zone		
8716	Eocene		
8717	middle Eocene Chiphragmalithus quadratus Zone		
8718	middle Eocene Chiphragmalithus quadratus Zone		
8719	middle Eocene Chiphragmalithus quadratus Zone		
8720	middle Eocene Chiphragmalithus quadratus Zone		
8721	middle Eocene Chiphragmalithus quadratus Zone		
8722	middle Eocene Chiphragmalithus quadratus Zone		
8723	middle Eocene Rhabdpsphaera inflata Zone		
8724	middle Eocene Rhabdpsphaera inflata Zone		
8725	middle Eocene Rhabdpsphaera inflata Zone		
8726	early and middle Eocene Discoaster sublodoensis Zone		
8727	early Eocene Discoaster lodoensis Zone		
8728	early Eocene Discoaster lodoensis Zone		
8729	early Eocene Discoaster lodoensis Zone		
8730	early Eocene Discoaster lodoensis Zone		
8731	early Eocene Discoaster lodoensis Zone		
8732	early Eocene Discoaster lodoensis Zone		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
8733	early Eocene Discoaster lodoensis Zone		
8734	early Eocene Discoaster lodoensis Zone		
8735	early Eocene Discoaster lodoensis Zone		
8736	early Eocene Discoaster lodoensis Zone		
8737	early Eocene Discoaster lodoensis Zone		
8738	early Eocene Discoaster lodoensis Zone		
8739	early Eocene Discoaster lodoensis Zone		
8740	early Eocene Discoaster lodoensis Zone		
8741	early Eocene Discoaster lodoensis Zone		
8742	early Eocene Discoaster lodoensis Zone		
8743	early Eocene Discoaster lodoensis Zone		
8744	Paleocene/early Eocene Tribrachiatus orthostylus Zone		
8745	Paleocene/early Eocene Tribrachiatus orthostylus Zone		
8746	Paleocene/early Eocene Tribrachiatus orthostylus Zone		
8747	Paleocene/early Eocene Tribrachiatus orthostylus Zone		
8748	Paleocene/early Eocene Tribrachiatus orthostylus Zone		
8749	Paleocene Discoaster binodosus Zone		
8750	assemblage slide		
8751	assemblage slide		
8752	assemblage slide		
8753	Oligocene Zemorrian Stage		
8754	Oligocene Zemorrian Stage		
8755	Oligocene Zemorrian Stage		
8756	Oligocene Zemorrian Stage		
8757	Oligocene Zemorrian Stage		
8758	Oligocene Zemorrian Stage		
8759	Oligocene Zemorrian Stage		
8760	Oligocene Zemorrian Stage		
8761	Oligocene Zemorrian Stage		
8762	Oligocene Zemorrian Stage		
8763	Oligocene Zemorrian Stage		
8764	Oligocene Zemorrian Stage		
8765	Oligocene Zemorrian Stage		
8766	Oligocene Zemorrian Stage		
8767	Oligocene Zemorrian Stage		
8768	Oligocene Zemorrian Stage		
8769	Oligocene Zemorrian Stage		
8770	Oligocene Zemorrian Stage		
8771	Oligocene Zemorrian Stage		
8772	Oligocene Zemorrian Stage		
8773	Oligocene Zemorrian Stage		
8774	Oligocene Zemorrian Stage		
8775	Oligocene Zemorrian Stage		
8776	Oligocene Zemorrian Stage		
8777	Oligocene Zemorrian Stage		
8778	Oligocene Zemorrian Stage		
8779	Oligocene Zemorrian Stage		
8780	Oligocene Zemorrian Stage		
8781	Oligocene Zemorrian Stage		
8782	Oligocene Zemorrian Stage		
8783	Oligocene Zemorrian Stage		
8784	Oligocene Zemorrian Stage		
8785	Oligocene Zemorrian Stage		
8786	Oligocene Zemorrian Stage		
8787	Oligocene Zemorrian Stage		
8788	Oligocene Zemorrian Stage		
8789	Oligocene Zemorrian Stage		
8790	Oligocene Zemorrian Stage		
8791	Oligocene Zemorrian Stage		
8792	Oligocene Zemorrian Stage		
8793	Oligocene Zemorrian Stage		
8794	early Miocene		
8795	early Miocene		
8796	early Miocene		
8797	early Miocene		
8798	early Miocene		
8799	early Miocene		
8800	early Miocene		
8801	early Miocene		
8802	early Miocene		
8803	early Miocene		
8804	early Miocene		
8805	early Miocene		
8806	early Miocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
8807	early Miocene		
8808	early Miocene		
8809	early Miocene		
8810	early Miocene		
8811	early Miocene		
8812	early Miocene		
8813	early Miocene		
8814	early Miocene		
8815	early Miocene		
8816	early Miocene		
8817	early Miocene		
8818	early Miocene		
8819	middle Miocene		
8820	middle Miocene		
8821	middle Miocene		
8822	middle Miocene		
8823	middle Miocene		
8824	middle Miocene		
8825	middle Miocene		
8826	middle Miocene		
8827	middle Miocene		
8828	middle Miocene		
8829	middle Miocene		
8830	middle Miocene		
8831	middle Miocene		
8832	middle Miocene		
8833	middle Miocene		
8834	middle Miocene		
8835	middle Miocene		
8836	middle Miocene		
8837	middle Miocene		
8838	middle Miocene		
8839	middle Miocene		
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8841	middle Miocene		
8842	middle Miocene		
8843	middle Miocene		
8844	middle Miocene		
8845	middle Miocene		
8846	middle Miocene		
8847	middle Miocene		
8848	middle Miocene		
8849	middle Miocene		
8850	middle Miocene		
8851	middle Miocene		
8852	middle Miocene		
8853	middle Miocene		
8854	middle Miocene		
8855	middle Miocene		
8856	middle Miocene		
8857	middle Miocene		
8858	middle Miocene		
8859	middle Miocene		
8860	middle Miocene		
8861	middle Miocene		
8862	middle Miocene		
8863	middle Miocene		
8864	middle Miocene		
8865	middle Miocene		
8866	middle Miocene		
8867	middle Miocene		
8868	middle Miocene		
8869	middle Miocene		
8870	middle Miocene		
8871	middle Miocene		
8872	middle Miocene		
8873	middle Miocene		
8874	middle Miocene		
8875	middle Miocene		
8876	middle Miocene		
8877	middle Miocene		
8878	middle Miocene		
8879	middle Miocene		
8880	middle Miocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
8881	middle Miocene		
8882	middle Miocene		
8883	middle Miocene		
8884	middle Miocene		
8885	middle Miocene		
8886	middle Miocene		
8887	middle Miocene		
8888	middle Miocene		
8889	middle Miocene		
8890	middle Miocene		
8891	middle Miocene		
8892	middle Miocene		
8893	middle Miocene		
8894	middle Miocene		
8895	middle Miocene		
8896	middle Miocene		
8897	middle Miocene		
8898	middle Miocene		
8899	middle Miocene		
8900	middle Miocene		
8901	middle Miocene		
8902	early Miocene Saucesian Stage		
8903	Oligocene Zemorrian or early Miocene Saucesian Stage		
8904	early Miocene Saucesian Stage		
8905	early Miocene Saucesian Stage		
8906	early Miocene Saucesian Stage		
8907	early Miocene Saucesian Stage		
8908	early Miocene Saucesian Stage		
8909	early Miocene Saucesian Stage		
8910	early Miocene Saucesian Stage		
8911	early Miocene Saucesian Stage		
8912	early Miocene Saucesian Stage		
8913	early Miocene Saucesian Stage		
8914	early Miocene Saucesian Stage		
8915	early Miocene Saucesian Stage		
8916	early Miocene Saucesian Stage		
8917	early Miocene Saucesian Stage		
8918	early Miocene Saucesian Stage		
8919	middle and late Miocene Mohnian Stage		
8920	middle and late Miocene Mohnian Stage		
8921	middle and late Miocene Mohnian Stage		
8922	middle and late Miocene Mohnian Stage		
8923	middle and late Miocene Mohnian Stage		
8924	middle and late Miocene Mohnian Stage		
8925	middle and late Miocene Mohnian Stage		
8926	middle Miocene		
8927	early Miocene Saucesian or Relizian Stage		
8928	early Miocene Saucesian Stage		
8929	middle Miocene		
8930	middle Miocene		
8931	middle Miocene		
8932	early Miocene		
8933	middle Miocene Luisian Stage		
8934	probably middle Miocene Luisian Stage		
8935	middle Miocene		
8936	middle Miocene		
8937	middle Miocene Luisian Stage		
8938	early Miocene Saucesian Stage		
8939	early Miocene Relizian Stage		
8940	middle Miocene		
8941	middle Miocene		
8942	middle Miocene Luisian Stage		
8943	middle Miocene Luisian Stage		
8944	middle Miocene Luisian Stage		
8945	early Miocene Saucesian Stage		
8946	early Miocene Saucesian Stage		
8947	early Miocene Saucesian Stage		
8948	middle Miocene Luisian Stage		
8949	middle Miocene		
8950	middle Miocene		
8951	middle Miocene		
8952	middle Miocene		
8953	early Miocene Saucesian Stage		
8954	early Miocene Saucesian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
8955	middle Miocene Luisian Stage		
8956	middle Miocene Luisian Stage		
8957	middle Miocene		
8958	middle Miocene		
8959	middle Miocene Luisian Stage		
8960	Eocene		
8961	Eocene		
8962	Eocene		
8963	Eocene		
8964	Eocene		
8965	Eocene		
8966	Eocene		
8967	Eocene		
8968	middle Eocene Narizian Stage		
8969	middle Eocene Narizian Stage		
8970	late Miocene upper Delmontian Stage		
8971	late Miocene upper Delmontian Stage		
8972	late Miocene upper Delmontian Stage		
8973	late Miocene upper Delmontian Stage		
8974	late Miocene upper Delmontian Stage		
8975	late Miocene upper Delmontian Stage		
8976	late Miocene upper Delmontian Stage		
8977	late Miocene upper Delmontian Stage		
8978	late Miocene upper Delmontian Stage		
8979	late Miocene upper Delmontian Stage		
8980	late Miocene upper Delmontian Stage		
8981	late Miocene upper Delmontian Stage		
8982	late Miocene upper Delmontian Stage		
8983	late Miocene upper Delmontian Stage		
8984	late Miocene upper Delmontian Stage		
8985	late Miocene upper Delmontian Stage		
8986	late Miocene upper Delmontian Stage		
8987	late Miocene upper Delmontian Stage		
8988	late Miocene upper Delmontian Stage		
8989	late Miocene upper Delmontian Stage		
8990	late Miocene upper Delmontian Stage		
8991	late Miocene upper Delmontian Stage		
8992	late Miocene upper Delmontian Stage		
8993	late Miocene upper Delmontian Stage		
8994	late Miocene upper Delmontian Stage		
8995	Eocene		
8996	Eocene		
8997	Eocene		
8998	Eocene		
8999	Eocene		
9000	Eocene		
9001	Eocene		
9002	Eocene		
9003	Eocene		
9004	Eocene		
9005	Eocene		
9006	Eocene		
9007	Eocene		
9008	Eocene		
9009	Eocene		
9010	Eocene		
9011	Eocene		
9012	Eocene		
9013	Eocene		
9014	Eocene		
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9016	Eocene		
9017	Eocene		
9018	Eocene		
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9020	Eocene		
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9024	Eocene		
9025	Eocene		
9026	Eocene		
9027	Eocene		
9028	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
9029	Eocene		
9030	Eocene		
9031	Eocene		
9032	Eocene		
9033	Eocene		
9034	Eocene		
9035	Eocene		
9036	Eocene		
9037	Eocene		
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9041	Eocene		
9042	Eocene		
9043	Eocene		
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9046	Eocene		
9047	Eocene		
9048	Eocene		
9049	Eocene		
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9051	Eocene		
9052	Eocene		
9053	Eocene		
9054	Eocene		
9055	Eocene		
9056	Eocene		
9057	Eocene		
9058	Eocene		
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9067	Eocene		
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9077	Eocene		
9078	Eocene		
9079	Eocene		
9080	Eocene		
9081	Eocene		
9082	Eocene		
9083	Eocene		
9084	Eocene		
9085	Eocene		
9086	Eocene		
9087	Eocene		
9088	Eocene		
9089	Eocene		
9090	Eocene		
9091	Eocene		
9092	early Eocene D Zone		
9093	early Eocene D Zone		
9094	early Eocene D Zone		
9095	early Eocene D Zone		
9096	early Eocene D Zone		
9097	early Eocene D Zone		
9098	early Eocene D Zone		
9099	early Eocene D Zone		
9100	early Eocene D Zone		
9101	early Eocene D Zone		
9102	early Eocene D Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
9103	early Eocene D Zone		
9104	early Eocene D Zone		
9105	early Eocene D Zone		
9106	early Eocene D Zone		
9107	early Eocene D Zone		
9108	early Eocene D Zone		
9109	early Eocene D Zone		
9110	early Eocene D Zone		
9111	early Eocene D Zone		
9112	early Eocene D Zone		
9113	early Eocene D Zone		
9114	early Eocene D Zone		
9115	early Eocene D Zone		
9116	early Eocene D Zone		
9117	early Eocene D Zone		
9118	early Eocene D Zone		
9119	early Eocene D Zone		
9120	early Eocene D Zone		
9121	early Eocene D Zone		
9122	early Eocene D Zone		
9123	early Eocene D Zone		
9124	early Eocene D Zone		
9125	early Eocene D Zone		
9126	early Eocene D Zone		
9127	early Eocene D Zone		
9128	early Eocene D Zone		
9129	early Eocene D Zone		
9130	early Eocene D Zone		
9131	early Eocene D Zone		
9132	early Eocene D Zone		
9133	early Eocene D Zone		
9134	early Eocene D Zone		
9135	early Eocene D Zone		
9136	early Eocene D Zone		
9137	early Eocene D Zone		
9138	early Eocene D Zone		
9139	early Eocene D Zone		
9140	early Eocene D Zone		
9141	early Eocene D Zone		
9142	early Eocene D Zone		
9143	early Eocene D Zone		
9144	early Eocene D Zone		
9145	early Eocene D Zone		
9146	early Eocene D Zone		
9147	early Eocene D Zone		
9148	early Eocene D Zone		
9149	early Eocene D Zone		
9150	early Eocene D Zone		
9151	early Eocene D Zone		
9152	early Eocene D Zone		
9153	early Eocene D Zone		
9154	early Eocene D Zone		
9155	early Eocene D Zone		
9156	early Eocene D Zone		
9157	early Eocene D Zone		
9158	early Eocene D Zone		
9159	early Eocene D Zone		
9160	early Eocene D Zone		
9161	early Eocene D Zone		
9162	early Eocene D Zone		
9163	early Eocene D Zone		
9164	early Eocene D Zone		
9165	early Eocene D Zone		
9166	early Eocene D Zone		
9167	early Eocene D Zone		
9168	early Eocene D Zone		
9169	early Eocene D Zone		
9170	early Eocene D Zone		
9171	late Miocene		
9172	middle and late Miocene upper Mohnian Stage		
9173	early Eocene		
9174	Eocene		
9175	Miocene		
9176	early Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
9177	Late Cretaceous D-1 Zone		
9178	Late Cretaceous D-1 Zone		
9179	Late Cretaceous D-1 Zone		
9180	Late Cretaceous D-1 Zone		
9181	Late Cretaceous D-1 Zone		
9182	Late Cretaceous D-1 Zone		
9183	Late Cretaceous D-1 Zone		
9184	Late Cretaceous D-1 Zone		
9185	Late Cretaceous D-1 Zone		
9186	Late Cretaceous D-1 Zone		
9187	Late Cretaceous D-1 Zone		
9188	Late Cretaceous D-1 Zone		
9189	Late Cretaceous D-1 Zone		
9190	Late Cretaceous D-1 Zone		
9191	Late Cretaceous D-1 Zone		
9192	Late Cretaceous D-1 Zone		
9193	Late Cretaceous D-1 Zone		
9194	Late Cretaceous D-1 Zone		
9195	Late Cretaceous D-1 Zone		
9196	Late Cretaceous D-1 Zone		
9197	Late Cretaceous D-2 Zone		
9198	Late Cretaceous D-2 Zone		
9199	Late Cretaceous D-2 Zone		
9200	Late Cretaceous D-2 Zone		
9201	Late Cretaceous D-2 Zone		
9202	Late Cretaceous D-2 Zone		
9203	Late Cretaceous D-2 Zone		
9204	Late Cretaceous D-2 Zone		
9205	Late Cretaceous D-2 Zone		
9206	Late Cretaceous D-2 Zone		
9207	Late Cretaceous D-2 Zone		
9208	Late Cretaceous D-2 Zone		
9209	Late Cretaceous D-2 Zone		
9210	Late Cretaceous D-2 Zone		
9211	Late Cretaceous D-2 Zone		
9212	Late Cretaceous D-2 Zone		
9213	Late Cretaceous D-2 Zone		
9214	Late Cretaceous D-2 Zone		
9215	Late Cretaceous D-2 Zone		
9216	Late Cretaceous D-2 Zone		
9217	Late Cretaceous D-2 Zone		
9218	Late Cretaceous D-2 Zone		
9219	Late Cretaceous D-2 Zone		
9220	Late Cretaceous D-2 Zone		
9221	Late Cretaceous D-2 Zone		
9222	Late Cretaceous D-2 Zone		
9223	Late Cretaceous D-2 Zone		
9224	Late Cretaceous D-2 Zone		
9225	Late Cretaceous D-2 Zone		
9226	Late Cretaceous D-2 Zone		
9227	Late Cretaceous D-2 Zone		
9228	Late Cretaceous D-2 Zone		
9229	Late Cretaceous E Zone		
9230	no new information		
9231	no new information		
9232	no new information		
9233	no new information		
9234	no new information		
9235	no new information		
9236	no new information		
9237	no new information		
9238	no new information		
9239	no new information		
9240	no new information		
9241	no new information		
9242	no new information		
9243	no new information		
9244	no new information		
9245	no new information		
9246	no new information		
9247	no new information		
9248	no new information		
9249	no new information		
9250	no new information		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
9251	no new information		
9252	no new information		
9253	no new information		
9254	Late Cretaceous E Zone		
9255	Late Cretaceous E Zone		
9256	Late Cretaceous E Zone		
9257	Late Cretaceous E Zone		
9258	Late Cretaceous E Zone		
9259	Late Cretaceous E Zone		
9260	Late Cretaceous E Zone		
9261	Late Cretaceous E Zone		
9262	Late Cretaceous E Zone		
9263	Late Cretaceous E Zone		
9264	Late Cretaceous E Zone		
9265	Late Cretaceous E Zone		
9266	Late Cretaceous E Zone		
9267	Late Cretaceous E Zone		
9268	Late Cretaceous E Zone		
9269	Late Cretaceous E Zone		
9270	Late Cretaceous D-2 Zone		
9271	Late Cretaceous D-2 Zone		
9272	Late Cretaceous D-2 Zone		
9273	Late Cretaceous D-2 Zone		
9274	Late Cretaceous D-2 Zone		
9275	Late Cretaceous D-2 Zone		
9276	Late Cretaceous D-2 Zone		
9277	Late Cretaceous D-2 Zone		
9278	Late Cretaceous D-2 Zone		
9279	Late Cretaceous E Zone		
9280	Late Cretaceous E Zone		
9281	Late Cretaceous E Zone		
9282	Late Cretaceous E Zone		
9283	Late Cretaceous E Zone		
9284	Late Cretaceous E Zone		
9285	Late Cretaceous E Zone		
9286	Late Cretaceous E Zone		
9287	Late Cretaceous E Zone		
9288	Late Cretaceous E Zone		
9289	Late Cretaceous E Zone		
9290	Late Cretaceous E Zone		
9291	Late Cretaceous E Zone		
9292	Late Cretaceous E Zone		
9293	Late Cretaceous E Zone		
9294	Late Cretaceous E Zone		
9295	Late Cretaceous E Zone		
9296	Late Cretaceous E Zone		
9297	Late Cretaceous E Zone		
9298	Late Cretaceous E Zone		
9299	Late Cretaceous E Zone		
9300	Late Cretaceous E Zone		
9301	Late Cretaceous E Zone		
9302	Late Cretaceous E Zone		
9303	Late Cretaceous E Zone		
9304	Late Cretaceous E Zone		
9305	Late Cretaceous E Zone		
9306	Late Cretaceous E Zone		
9307	Late Cretaceous E Zone		
9308	Late Cretaceous E Zone		
9309	Late Cretaceous E Zone		
9310	Late Cretaceous E Zone		
9311	Late Cretaceous E Zone		
9312	Late Cretaceous E Zone		
9313	Late Cretaceous E Zone		
9314	Late Cretaceous E Zone		
9315	Late Cretaceous E Zone		
9316	Late Cretaceous E Zone		
9317	Late Cretaceous E Zone		
9318	Late Cretaceous D-2 Zone		
9319	Late Cretaceous D-2 Zone		
9320	Late Cretaceous D-2 Zone		
9321	Late Cretaceous D-2 Zone		
9322	Late Cretaceous D-2 Zone		
9323	Late Cretaceous D-2 Zone		
9324	Late Cretaceous D-2 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
9325	Late Cretaceous D-2 Zone		
9326	Late Cretaceous D-2 Zone		
9327	Late Cretaceous D-2 Zone		
9328	Late Cretaceous D-2 Zone		
9329	Late Cretaceous D-2 Zone		
9330	Late Cretaceous D-2 Zone		
9331	Late Cretaceous D-2 Zone		
9332	Late Cretaceous D-2 Zone		
9333	Late Cretaceous D-2 Zone		
9334	Late Cretaceous D-2 Zone		
9335	Late Cretaceous D-2 Zone		
9336	Late Cretaceous D-2 Zone		
9337	Late Cretaceous D-2 Zone		
9338	Late Cretaceous C or D-1 Zone		
9339	Late Cretaceous C or D-1 Zone		
9340	Late Cretaceous C or D-1 Zone		
9341	Late Cretaceous C or D-1 Zone		
9342	Late Cretaceous C or D-1 Zone		
9343	Late Cretaceous C or D-1 Zone		
9344	Late Cretaceous C or D-1 Zone		
9345	Late Cretaceous C or D-1 Zone		
9346	Late Cretaceous C or D-1 Zone		
9347	Late Cretaceous C or D-1 Zone		
9348	middle and late Miocene Mohnian Stage		
9349	Late Cretaceous G Zone		
9350	Late Cretaceous G Zone		
9351	Late Cretaceous G Zone		
9352	Late Cretaceous G Zone		
9353	Late Cretaceous G Zone		
9354	Late Cretaceous G Zone		
9355	Late Cretaceous G Zone		
9356	Late Cretaceous G Zone		
9357	Late Cretaceous G Zone		
9358	Late Cretaceous G Zone		
9359	Late Cretaceous G Zone		
9360	Late Cretaceous G Zone		
9361	Late Cretaceous G Zone		
9362	Late Cretaceous G Zone		
9363	Late Cretaceous G Zone		
9364	Late Cretaceous G Zone		
9365	Late Cretaceous G Zone		
9366	Late Cretaceous G Zone		
9367	Late Cretaceous G Zone		
9368	Late Cretaceous G Zone		
9369	Late Cretaceous G Zone		
9370	late Paleocene E zone		
9371	early Eocene D zone		
9372	middle Eocene A-2 Zone		
9373	middle Eocene A-2 Zone		
9374	middle Eocene A-2 Zone		
9375	middle Eocene A-2 Zone		
9376	middle Eocene A-2 Zone		
9377	middle Eocene A-2 Zone		
9378	middle Eocene A-2 Zone		
9379	middle Eocene A-2 Zone		
9380	middle Eocene A-2 Zone		
9381	middle Eocene A-2 Zone		
9382	middle Eocene A-2 Zone		
9383	middle Eocene A-2 Zone		
9384	middle Eocene A-2 Zone		
9385	middle Eocene A-2 Zone		
9386	middle Eocene A-2 Zone		
9387	middle Eocene A-2 Zone		
9388	middle Eocene A-2 Zone		
9389	middle Eocene A-2 Zone		
9390	middle Eocene A-2 Zone		
9391	middle Eocene A-2 Zone		
9392	middle Eocene A-2 Zone		
9393	middle Eocene A-2 Zone		
9394	middle Eocene A-2 Zone		
9395	middle Eocene A-2 Zone		
9396	middle Eocene A-2 Zone		
9397	middle Eocene A-2 Zone		
9398	middle Eocene A-2 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
9399	middle Eocene A-2 Zone		
9400	middle Eocene A-2 Zone		
9401	middle Eocene A-2 Zone		
9402	middle Eocene A-2 Zone		
9403	middle Eocene A-2 Zone		
9404	middle Eocene A-2 Zone		
9405	middle Eocene A-2 Zone		
9406	middle Eocene A-2 Zone		
9407	middle Eocene A-2 Zone		
9408	middle Eocene A-2 Zone		
9409	middle Eocene A-2 Zone		
9410	middle Eocene A-2 Zone		
9411	middle Eocene A-2 Zone		
9412	middle Eocene A-2 Zone		
9413	early Eocene C or D zone		
9414	early Eocene C or D zone		
9415	early Eocene C or D zone		
9416	early Eocene C or D zone		
9417	early Eocene C or D zone		
9418	early Eocene C or D zone		
9419	early Eocene C or D zone		
9420	early Eocene C or D zone		
9421	early Eocene C or D zone		
9422	early Eocene C or D zone		
9423	early Eocene C or D zone		
9424	early Eocene C or D zone		
9425	early Eocene C or D zone		
9426	early Eocene C or D zone		
9427	early Eocene C or D zone		
9428	early Eocene C or D zone		
9429	early Eocene C or D zone		
9430	early Eocene C or D zone		
9431	early Eocene C or D zone		
9432	late Paleocene E zone		
9433	early Eocene C or D zone		
9434	early Eocene C or D zone		
9435	middle Eocene A-2 Zone		
9436	middle Eocene A-2 Zone		
9437	middle Eocene A-2 Zone		
9438	middle Eocene A-2 Zone		
9439	middle Eocene A-2 Zone		
9440	middle Eocene A-2 Zone		
9441	middle Eocene A-2 Zone		
9442	middle Eocene A-2 Zone		
9443	late Eocene		
9444	late Eocene		
9445	late Eocene		
9446	late Eocene		
9447	late Eocene		
9448	late Eocene		
9449	late Eocene		
9450	late Eocene		
9451	late Eocene		
9452	late Eocene		
9453	late Eocene		
9454	late Eocene		
9455	late Eocene		
9456	late Eocene		
9457	late Eocene		
9458	late Eocene		
9459	late Eocene		
9460	late Eocene		
9461	late Eocene		
9462	late Eocene		
9463	late Eocene		
9464	late Eocene		
9465	late Eocene		
9466	late Eocene		
9467	late Eocene		
9468	late Eocene		
9469	late Eocene		
9470	late Eocene		
9471	late Eocene		
9472	late Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
9473	late Eocene		
9474	late Eocene		
9475	late Eocene		
9476	late Eocene		
9477	late Eocene		
9478	late Eocene		
9479	late Eocene		
9480	late Eocene		
9481	late Eocene		
9482	late Eocene		
9483	late Eocene		
9484	late Eocene		
9485	late Eocene		
9486	late Eocene		
9487	late Eocene		
9488	late Eocene		
9489	late Eocene		
9490	late Eocene		
9491	late Eocene		
9492	late Eocene		
9493	late Eocene		
9494	late Eocene		
9495	late Eocene		
9496	late Eocene		
9497	late Eocene		
9498	late Eocene		
9499	late Eocene		
9500	late Eocene		
9501	late Eocene		
9502	late Eocene		
9503	late Eocene		
9504	late Eocene		
9505	late Eocene		
9506	late Eocene		
9507	late Eocene		
9508	late Eocene		
9509	late Eocene		
9510	late Eocene		
9511	late Eocene		
9512	late Eocene		
9513	late Eocene		
9514	late Eocene		
9515	late Eocene		
9516	late Eocene		
9517	late Eocene		
9518	late Eocene		
9519	late Eocene		
9520	late Eocene		
9521	late Eocene		
9522	late Eocene		
9523	late Eocene		
9524	late Eocene		
9525	late Eocene		
9526	late Eocene		
9527	Late Cretaceous arenaceous foraminifers		
9528	Late Cretaceous arenaceous foraminifers		
9529	Late Cretaceous arenaceous foraminifers		
9530	Late Cretaceous arenaceous foraminifers		
9531	Late Cretaceous arenaceous foraminifers		
9532	Late Cretaceous arenaceous foraminifers		
9533	Late Cretaceous arenaceous foraminifers		
9534	Late Cretaceous arenaceous foraminifers		
9535	middle Eocene		
9536	middle Eocene		
9537	middle Eocene		
9538	middle Eocene		
9539	middle Eocene		
9540	middle Eocene		
9541	middle Eocene		
9542	middle Eocene		
9543	middle Eocene A-2 Zone		
9544	middle Eocene A-2 Zone		
9545	middle Eocene A-2 Zone		
9546	middle Eocene A-2 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
9547	middle Eocene A-2 Zone		
9548	middle Eocene A-2 Zone		
9549	middle Eocene A-2 Zone		
9550	middle Eocene A-2 Zone		
9551	middle Eocene A-2 Zone		
9552	middle Eocene A-2 Zone		
9553	middle Eocene A-2 Zone		
9554	middle Eocene A-2 Zone		
9555	middle Eocene A-2 Zone		
9556	middle Eocene A-2 Zone		
9557	middle Eocene A-2 Zone		
9558	middle Eocene A-2 Zone		
9559	middle Eocene A-2 Zone		
9560	middle Eocene A-2 Zone		
9561	middle Eocene A-2 Zone		
9562	middle Eocene A-2 Zone		
9563	middle Eocene A-2 Zone		
9564	middle Eocene A-2 Zone		
9565	middle Eocene A-2 Zone		
9566	middle Eocene A-2 Zone		
9567	middle Eocene A-2 Zone		
9568	middle Eocene A-2 Zone		
9569	middle Eocene A-2 Zone		
9570	middle Eocene A-2 Zone		
9571	middle Eocene A-2 Zone		
9572	middle Eocene A-2 Zone		
9573	middle Eocene A-2 Zone		
9574	middle Eocene A-2 Zone		
9575	middle Eocene A-2 Zone		
9576	middle Eocene A-2 Zone		
9577	middle Eocene A-2 Zone		
9578	middle Eocene A-2 Zone		
9579	middle Eocene A-2 Zone		
9580	middle Eocene A-2 Zone		
9581	middle Eocene A-2 Zone		
9582	middle Eocene A-2 Zone		
9583	middle Eocene A-2 Zone		
9584	middle Eocene A-2 Zone		
9585	middle Eocene A-2 Zone		
9586	middle Eocene A-2 Zone		
9587	middle Eocene A-2 Zone		
9588	middle Eocene A-2 Zone		
9589	middle Eocene A-2 Zone		
9590	middle Eocene A-2 Zone		
9591	middle Eocene A-2 Zone		
9592	middle Eocene A-2 Zone		
9593	middle Eocene A-2 Zone		
9594	middle Eocene A-2 Zone		
9595	middle Eocene A-2 Zone		
9596	middle Eocene A-2 Zone		
9597	middle Eocene A-2 Zone		
9598	middle Eocene A-2 Zone		
9599	middle Eocene A-2 Zone		
9600	middle Eocene A-2 Zone		
9601	middle Eocene A-2 Zone		
9602	middle Eocene A-2 Zone		
9603	middle Eocene A-2 Zone		
9604	middle Eocene A-2 Zone		
9605	middle Eocene A-2 Zone		
9606	middle Eocene A-2 Zone		
9607	middle Eocene A-2 Zone		
9608	middle Eocene A-2 Zone		
9609	middle Eocene A-2 Zone		
9610	middle Eocene A-2 Zone		
9611	middle Eocene A-2 Zone		
9612	middle Eocene A-2 Zone		
9613	middle Eocene A-2 Zone		
9614	middle Eocene A-2 Zone		
9615	middle Eocene A-2 Zone		
9616	middle Eocene A-2 Zone		
9617	middle Eocene A-2 Zone		
9618	middle Eocene A-2 Zone		
9619	middle Eocene A-2 Zone		
9620	middle Eocene A-2 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
9621	middle Eocene A-2 Zone		
9622	middle Eocene A-2 Zone		
9623	middle Eocene A-2 Zone		
9624	middle Eocene A-2 Zone		
9625	middle Eocene A-2 Zone		
9626	middle Eocene A-2 Zone		
9627	middle Eocene A-2 Zone		
9628	middle Eocene A-2 Zone		
9629	middle Eocene A-2 Zone		
9630	middle Eocene A-2 Zone		
9631	middle Eocene A-2 Zone		
9632	middle Eocene A-2 Zone		
9633	middle Eocene A-2 Zone		
9634	middle Eocene A-2 Zone		
9635	middle Eocene A-2 Zone		
9636	middle Eocene A-2 Zone		
9637	middle Eocene A-2 Zone		
9638	middle Eocene A-2 Zone		
9639	middle Eocene A-2 Zone		
9640	middle Eocene A-2 Zone		
9641	middle Eocene A-2 Zone		
9642	middle Eocene A-2 Zone		
9643	middle Eocene A-2 Zone		
9644	middle Eocene A-2 Zone		
9645	middle Eocene A-2 Zone		
9646	middle Eocene A-2 Zone		
9647	middle Eocene A-2 Zone		
9648	middle Eocene A-2 Zone		
9649	middle Eocene A-2 Zone		
9650	middle Eocene A-2 Zone		
9651	middle Eocene A-2 Zone		
9652	middle Eocene A-2 Zone		
9653	middle Eocene A-2 Zone		
9654	middle Eocene A-2 Zone		
9655	middle Eocene A-2 Zone		
9656	middle Eocene A-2 Zone		
9657	middle Eocene A-2 Zone		
9658	middle Eocene A-2 Zone		
9659	middle Eocene A-2 Zone		
9660	middle Eocene A-2 Zone		
9661	middle Eocene A-2 Zone		
9662	middle Eocene A-2 Zone		
9663	middle Eocene A-2 Zone		
9664	middle Eocene A-2 Zone		
9665	middle Eocene A-2 Zone		
9666	middle Eocene A-2 Zone		
9667	middle Eocene A-2 Zone		
9668	middle Eocene A-2 Zone		
9669	middle Eocene A-2 Zone		
9670	middle Eocene A-2 Zone		
9671	middle Eocene A-2 Zone		
9672	middle Eocene A-2 Zone		
9673	middle Eocene A-2 Zone		
9674	middle Eocene A-2 Zone		
9675	middle Eocene A-2 Zone		
9676	middle Eocene A-2 Zone		
9677	middle Eocene A-2 Zone		
9678	middle Eocene A-2 Zone		
9679	middle Eocene A-2 Zone		
9680	middle Eocene A-2 Zone		
9681	middle Eocene A-2 Zone		
9682	middle Eocene A-2 Zone		
9683	middle Eocene A-2 Zone		
9684	middle Eocene A-2 Zone		
9685	middle Eocene A-2 Zone		
9686	middle Eocene A-2 Zone		
9687	middle Eocene A-2 Zone		
9688	middle Eocene A-2 Zone		
9689	middle Eocene A-2 Zone		
9690	middle Eocene A-2 Zone		
9691	middle Eocene A-2 Zone		
9692	middle Eocene A-2 Zone		
9693	middle Eocene A-2 Zone		
9694	middle Eocene A-2 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
9695	middle Eocene A-2 Zone		
9696	middle Eocene A-2 Zone		
9697	middle Eocene A-2 Zone		
9698	middle Eocene A-2 Zone		
9699	middle Eocene A-2 Zone		
9700	middle Eocene A-2 Zone		
9701	middle Eocene A-2 Zone		
9702	middle Eocene A-2 Zone		
9703	middle Eocene A-2 Zone		
9704	middle Eocene A-2 Zone		
9705	middle Eocene A-2 Zone		
9706	middle Eocene A-2 Zone		
9707	middle Eocene A-2 Zone		
9708	middle Eocene A-2 Zone		
9709	middle Eocene A-2 Zone		
9710	middle Eocene A-2 Zone		
9711	middle Eocene A-2 Zone		
9712	middle Eocene A-2 Zone		
9713	middle Eocene A-2 Zone		
9714	middle Eocene A-2 Zone		
9715	middle Eocene A-2 Zone		
9716	middle Eocene A-2 Zone		
9717	middle Eocene A-2 Zone		
9718	middle Eocene A-2 Zone		
9719	middle Eocene A-2 Zone		
9720	middle Eocene A-2 Zone		
9721	middle Eocene A-2 Zone		
9722	middle Eocene A-2 Zone		
9723	middle Eocene A-2 Zone		
9724	middle Eocene A-2 Zone		
9725	middle Eocene A-2 Zone		
9726	middle Eocene A-2 Zone		
9727	middle Eocene A-2 Zone		
9728	middle Eocene A-2 Zone		
9729	middle Eocene A-2 Zone		
9730	middle Eocene A-2 Zone		
9731	middle Eocene A-2 Zone		
9732	middle Eocene A-2 Zone		
9733	middle Eocene A-2 Zone		
9734	middle Eocene A-2 Zone		
9735	middle Eocene A-2 Zone		
9736	middle Eocene A-2 Zone		
9737	middle Eocene A-2 Zone		
9738	middle Eocene A-2 Zone		
9739	middle Eocene A-2 Zone		
9740	middle Eocene A-2 Zone		
9741	middle Eocene A-2 Zone		
9742	middle Eocene A-2 Zone		
9743	middle Eocene A-2 Zone		
9744	middle Eocene A-2 Zone		
9745	middle Eocene A-2 Zone		
9746	middle Eocene A-2 Zone		
9747	middle Eocene A-2 Zone		
9748	middle Eocene A-2 Zone		
9749	middle Eocene A-2 Zone		
9750	middle Eocene A-2 Zone		
9751	middle Eocene A-2 Zone		
9752	middle Eocene A-2 Zone		
9753	middle Eocene A-2 Zone		
9754	middle Eocene A-2 Zone		
9755	middle Eocene A-2 Zone		
9756	middle Eocene A-2 Zone		
9757	middle Eocene A-2 Zone		
9758	middle Eocene A-2 Zone		
9759	middle Eocene A-2 Zone		
9760	middle Eocene A-2 Zone		
9761	middle Eocene A-2 Zone		
9762	middle Eocene A-2 Zone		
9763	middle Eocene A-2 Zone		
9764	middle Eocene A-2 Zone		
9765	middle Eocene A-2 Zone		
9766	middle Eocene A-2 Zone		
9767	middle Eocene A-2 Zone		
9768	middle Eocene A-2 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
9769	middle Eocene A-2 Zone		
9770	middle Eocene A-2 Zone		
9771	middle Eocene A-2 Zone		
9772	middle Eocene A-2 Zone		
9773	middle Eocene A-2 Zone		
9774	middle Eocene A-2 Zone		
9775	middle Eocene A-2 Zone		
9776	middle Eocene A-2 Zone		
9777	middle Eocene A-2 Zone		
9778	middle Eocene A-2 Zone		
9779	middle Eocene A-2 Zone		
9780	middle Eocene A-2 Zone		
9781	middle Eocene A-2 Zone		
9782	middle Eocene A-2 Zone		
9783	middle Eocene A-2 Zone		
9784	middle Eocene A-2 Zone		
9785	middle Eocene A-2 Zone		
9786	middle Eocene A-2 Zone		
9787	middle Eocene A-2 Zone		
9788	middle Eocene A-2 Zone		
9789	middle Eocene A-2 Zone		
9790	middle Eocene A-2 Zone		
9791	middle Eocene A-2 Zone		
9792	middle Eocene A-2 Zone		
9793	middle Eocene A-2 Zone		
9794	middle Eocene A-2 Zone		
9795	middle Eocene A-2 Zone		
9796	middle Eocene A-2 Zone		
9797	middle Eocene A-2 Zone		
9798	middle Eocene A-2 Zone		
9799	middle Eocene A-2 Zone		
9800	middle Eocene A-2 Zone		
9801	middle Eocene A-2 Zone		
9802	middle Eocene A-2 Zone		
9803	middle Eocene A-2 Zone		
9804	middle Eocene A-2 Zone		
9805	middle Eocene A-2 Zone		
9806	middle Eocene A-2 Zone		
9807	middle Eocene A-2 Zone		
9808	middle Eocene A-2 Zone		
9809	middle Eocene A-2 Zone		
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9811	middle Eocene A-2 Zone		
9812	middle Eocene A-2 Zone		
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9816	middle Eocene A-2 Zone		
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9818	middle Eocene A-2 Zone		
9819	middle Eocene A-2 Zone		
9820	middle Eocene A-2 Zone		
9821	middle Eocene A-2 Zone		
9822	middle Eocene A-2 Zone		
9823	middle Eocene A-2 Zone		
9824	middle Eocene A-2 Zone		
9825	middle Eocene A-2 Zone		
9826	middle Eocene A-2 Zone		
9827	middle Eocene A-2 Zone		
9828	middle Eocene A-2 Zone		
9829	middle Eocene A-2 Zone		
9830	middle Eocene A-2 Zone		
9831	middle Eocene A-2 Zone		
9832	middle Eocene A-2 Zone		
9833	middle Eocene A-2 Zone		
9834	middle Eocene A-2 Zone		
9835	middle Eocene A-2 Zone		
9836	middle Eocene A-2 Zone		
9837	middle Eocene A-2 Zone		
9838	middle Eocene A-2 Zone		
9839	middle Eocene A-2 Zone		
9840	middle Eocene A-2 Zone		
9841	middle Eocene A-2 Zone		
9842	middle Eocene A-2 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
9843	middle Eocene A-2 Zone		
9844	middle Eocene A-2 Zone		
9845	middle Eocene A-2 Zone		
9846	middle Eocene A-2 Zone		
9847	middle Eocene A-2 Zone		
9848	middle Eocene A-2 Zone		
9849	middle Eocene A-2 Zone		
9850	middle Eocene A-2 Zone		
9851	middle Eocene A-2 Zone		
9852	middle Eocene A-2 Zone		
9853	middle Eocene A-2 Zone		
9854	middle Eocene A-2 Zone		
9855	middle Eocene A-2 Zone		
9856	middle Eocene A-2 Zone		
9857	middle Eocene A-2 Zone		
9858	middle Eocene A-2 Zone		
9859	middle Eocene A-2 Zone		
9860	middle Eocene A-2 Zone		
9861	middle Eocene A-2 Zone		
9862	middle Eocene A-2 Zone		
9863	middle Eocene A-2 Zone		
9864	middle Eocene A-2 Zone		
9865	middle Eocene A-2 Zone		
9866	middle Eocene A-2 Zone		
9867	middle Eocene A-2 Zone		
9868	middle Eocene A-2 Zone		
9869	middle Eocene A-2 Zone		
9870	middle Eocene A-2 Zone		
9871	middle Eocene A-2 Zone		
9872	middle Eocene A-2 Zone		
9873	middle Eocene A-2 Zone		
9874	middle Eocene A-2 Zone		
9875	middle Eocene A-2 Zone		
9876	middle Eocene A-2 Zone		
9877	middle Eocene A-2 Zone		
9878	middle Eocene A-2 Zone		
9879	middle Eocene A-2 Zone		
9880	middle Eocene A-2 Zone		
9881	middle Eocene A-2 Zone		
9882	middle Eocene A-2 Zone		
9883	middle Eocene A-2 Zone		
9884	middle Eocene A-2 Zone		
9885	middle Eocene A-2 Zone		
9886	middle Eocene A-2 Zone		
9887	middle Eocene A-2 Zone		
9888	middle Eocene A-2 Zone		
9889	middle Eocene A-2 Zone		
9890	middle Eocene A-2 Zone		
9891	middle Eocene A-2 Zone		
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9893	middle Eocene A-2 Zone		
9894	middle Eocene A-2 Zone		
9895	middle Eocene A-2 Zone		
9896	middle Eocene A-2 Zone		
9897	middle Eocene A-2 Zone		
9898	middle Eocene A-2 Zone		
9899	middle Eocene A-2 Zone		
9900	middle Eocene A-2 Zone		
9901	middle Eocene A-2 Zone		
9902	middle Eocene A-2 Zone		
9903	middle Eocene A-2 Zone		
9904	middle Eocene A-2 Zone		
9905	middle Eocene A-2 Zone		
9906	middle Eocene A-2 Zone		
9907	middle Eocene A-2 Zone		
9908	middle Eocene A-2 Zone		
9909	middle Eocene A-1 Zone		
9910	middle Eocene A-1 Zone		
9911	middle Eocene A-1 Zone		
9912	middle Eocene A-1 Zone		
9913	middle Eocene A-1 Zone		
9914	middle Eocene A-1 Zone		
9915	middle Eocene A-1 Zone		
9916	middle Eocene A-1 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
9917	middle Eocene A-1 Zone		
9918	middle Eocene A-1 Zone		
9919	middle Eocene A-1 Zone		
9920	middle Eocene A-1 Zone		
9921	middle Eocene A-1 Zone		
9922	middle Eocene A-1 Zone		
9923	middle Eocene A-1 Zone		
9924	middle Eocene A-1 Zone		
9925	middle Eocene A-1 Zone		
9926	middle Eocene A-1 Zone		
9927	middle Eocene A-1 Zone		
9928	middle Eocene A-1 Zone		
9929	middle Eocene A-1 Zone		
9930	middle Eocene A-1 Zone		
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9932	middle Eocene A-1 Zone		
9933	middle Eocene A-1 Zone		
9934	middle Eocene A-1 Zone		
9935	middle Eocene A-1 Zone		
9936	middle Eocene A-1 Zone		
9937	middle Eocene A-1 Zone		
9938	middle Eocene A-1 Zone		
9939	middle Eocene A-1 Zone		
9940	middle Eocene A-1 Zone		
9941	middle Eocene A-1 Zone		
9942	middle Eocene A-1 Zone		
9943	middle Eocene A-1 Zone		
9944	middle Eocene A-1 Zone		
9945	middle Eocene A-1 Zone		
9946	middle Eocene A-1 Zone		
9947	middle Eocene A-1 Zone		
9948	middle Eocene A-1 Zone		
9949	middle Eocene A-1 Zone		
9950	middle Eocene A-1 Zone		
9951	middle Eocene A-1 Zone		
9952	middle Eocene A-1 Zone		
9953	middle Eocene A-1 Zone		
9954	middle Eocene A-1 Zone		
9955	middle Eocene A-1 Zone		
9956	middle Eocene A-1 Zone		
9957	middle Eocene A-1 Zone		
9958	middle Eocene A-1 Zone		
9959	middle Eocene A-1 Zone		
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9965	middle Eocene A-1 Zone		
9966	middle Eocene A-1 Zone		
9967	middle Eocene A-1 Zone		
9968	middle Eocene A-1 Zone		
9969	middle Eocene A-1 Zone		
9970	middle Eocene A-1 Zone		
9971	middle Eocene A-1 Zone		
9972	middle Eocene A-1 Zone		
9973	middle Eocene A-1 Zone		
9974	middle Eocene A-1 Zone		
9975	middle Eocene A-1 Zone		
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9977	middle Eocene A-1 Zone		
9978	middle Eocene A-1 Zone		
9979	middle Eocene A-1 Zone		
9980	middle Eocene A-1 Zone		
9981	middle Eocene A-1 Zone		
9982	middle Eocene A-1 Zone		
9983	middle Eocene A-1 Zone		
9984	middle Eocene A-1 Zone		
9985	late Eocene		
9986	late Eocene		
9987	late Eocene		
9988	late Eocene		
9989	late Eocene		
9990	late Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
9991	late Eocene		
9992	early Eocene		
9993	early Eocene		
9994	early Eocene		
9995	early Eocene		
9996	early Eocene		
9997	early Eocene		
9998	early Eocene		
9999	early Eocene		
10000	middle and late Miocene upper Mohnian Stage		
10001	Eocene		
10002	Eocene		
10003	Eocene		
10004	Eocene		
10005	Eocene		
10006	Eocene		
10007	Eocene		
10008	Eocene		
10009	Eocene		
10010	Eocene		
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10035	Eocene		
10036	Eocene		
10037	Eocene		
10038	Eocene		
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10042	Eocene		
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10044	Eocene		
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10050	Eocene		
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10055	Eocene		
10056	Eocene		
10057	Eocene		
10058	Eocene		
10059	Eocene		
10060	Eocene		
10061	Eocene		
10062	Eocene		
10063	Eocene		
10064	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
10065	Eocene		
10066	Eocene		
10067	Eocene		
10068	Eocene		
10069	Eocene		
10070	Eocene		
10071	Eocene		
10072	Eocene		
10073	Eocene		
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10077	Eocene		
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10087	Eocene		
10088	Eocene		
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10090	Eocene		
10091	Eocene		
10092	Eocene		
10093	Eocene		
10094	Eocene		
10095	Eocene		
10096	Eocene		
10097	Eocene		
10098	Eocene		
10099	Eocene		
10100	Eocene		
10101	Eocene		
10102	Eocene		
10103	Eocene		
10104	Eocene		
10105	Eocene		
10106	middle Eocene A-2 Zone		
10107	middle Eocene A-2 Zone		
10108	middle Eocene A-2 Zone		
10109	middle Eocene A-2 Zone		
10110	middle Eocene A-2 Zone		
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10112	middle Eocene A-2 Zone		
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10115	middle Eocene A-2 Zone		
10116	middle Eocene A-2 Zone		
10117	middle Eocene A-2 Zone		
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10121	middle Eocene A-2 Zone		
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10123	middle Eocene A-2 Zone		
10124	middle Eocene A-2 Zone		
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10134	middle Eocene A-2 Zone		
10135	middle Eocene A-2 Zone		
10136	middle Eocene A-2 Zone		
10137	middle Eocene A-2 Zone		
10138	middle Eocene A-2 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
10139	middle Eocene A-2 Zone		
10140	middle Eocene A-2 Zone		
10141	middle Eocene A-2 Zone		
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10143	middle Eocene A-2 Zone		
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10162	middle Eocene A-2 Zone		
10163	middle Eocene A-2 Zone		
10164	middle Eocene A-2 Zone		
10165	middle Eocene A-2 Zone		
10166	middle Eocene A-2 Zone		
10167	middle Eocene A-2 Zone		
10168	middle Eocene A-2 Zone		
10169	middle Eocene A-2 Zone		
10170	middle Eocene A-2 Zone		
10171	middle Eocene A-2 Zone		
10172	middle Eocene A-2 Zone		
10173	Eocene		
10174	Eocene		
10175	Eocene		
10176	Eocene		
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10178	Eocene		
10179	Eocene		
10180	Eocene		
10181	Eocene		
10182	Eocene		
10183	Eocene		
10184	Eocene		
10185	Eocene		
10186	Eocene		
10187	Eocene		
10188	Eocene		
10189	Eocene		
10190	Eocene		
10191	Eocene		
10192	Eocene		
10193	Eocene		
10194	Eocene		
10195	Eocene		
10196	Eocene		
10197	Eocene		
10198	Eocene		
10199	Eocene		
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10204	Eocene		
10205	Eocene		
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10207	Eocene		
10208	Eocene		
10209	Eocene		
10210	Eocene		
10211	Eocene		
10212	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
10213	Eocene		
10214	Eocene		
10215	Eocene		
10216	Eocene		
10217	Eocene		
10218	Eocene		
10219	Eocene		
10220	Eocene		
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10222	Eocene		
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10225	Eocene		
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10279	Eocene		
10280	Eocene		
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10283	Eocene		
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10285	Eocene		
10286	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
10287	Eocene		
10288	Eocene		
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10290	Eocene		
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10292	Eocene		
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10297	Eocene		
10298	Eocene		
10299	Eocene		
10300	Eocene		
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10303	Eocene		
10304	Eocene		
10305	Eocene		
10306	Eocene		
10307	Eocene		
10308	Eocene		
10309	Eocene		
10310	Eocene		
10311	Eocene		
10312	Eocene		
10313	Eocene		
10314	Eocene		
10315	Eocene		
10316	Eocene		
10317	early Miocene lower Saucesian Stage		
10318	early Miocene lower Saucesian Stage		
10319	early Miocene lower Saucesian Stage		
10320	early Miocene lower Saucesian Stage		
10321	early Miocene lower Saucesian Stage		
10322	early Miocene lower Saucesian Stage		
10323	early Miocene lower Saucesian Stage		
10324	early Miocene lower Saucesian Stage		
10325	early Miocene lower Saucesian Stage		
10326	early Miocene lower Saucesian Stage		
10327	early Miocene lower Saucesian Stage		
10328	early Miocene lower Saucesian Stage		
10329	early Miocene upper Saucesian Stage		
10330	early Miocene upper Saucesian Stage		
10331	early Miocene upper Saucesian Stage		
10332	early Miocene upper Saucesian Stage		
10333	early Miocene upper Saucesian Stage		
10334	early Miocene upper Saucesian Stage		
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10336	early Miocene upper Saucesian Stage		
10337	early Miocene upper Saucesian Stage		
10338	early Miocene upper Saucesian Stage		
10339	early Miocene upper Saucesian Stage		
10340	early Miocene upper Saucesian Stage		
10341	early Miocene upper Saucesian Stage		
10342	early Miocene upper Saucesian Stage		
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10344	early Miocene upper Saucesian Stage		
10345	early Miocene upper Saucesian Stage		
10346	early Miocene upper Saucesian Stage		
10347	early Miocene upper Saucesian Stage		
10348	early Miocene upper Saucesian Stage		
10349	early Miocene lower Relizian Stage		
10350	early Miocene lower Relizian Stage		
10351	early Miocene lower Relizian Stage		
10352	early Miocene lower Relizian Stage		
10353	early Miocene lower Relizian Stage		
10354	early Miocene lower Relizian Stage		
10355	early Miocene lower Relizian Stage		
10356	early Miocene lower Relizian Stage		
10357	early Miocene lower Relizian Stage		
10358	early Miocene lower Relizian Stage		
10359	early Miocene lower Relizian Stage		
10360	early Miocene lower Relizian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
10361	early Miocene lower Relizian Stage		
10362	early Miocene lower Relizian Stage		
10363	early Miocene lower Relizian Stage		
10364	early Miocene lower Relizian Stage		
10365	early Miocene lower Relizian Stage		
10366	Eocene		
10367	Eocene		
10368	Eocene		
10369	Eocene		
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10371	Eocene		
10372	Eocene		
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10375	Eocene		
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10377	Eocene		
10378	Eocene		
10379	Eocene		
10380	Eocene		
10381	Eocene		
10382	Eocene		
10383	Eocene		
10384	Eocene		
10385	Miocene		
10386	Miocene		
10387	Miocene		
10388	Miocene		
10389	no paleo data		
10390	middle and late Miocene Mohnian? Stage		
10391	late Miocene Delmontian? Stage		
10392	middle and late Miocene Mohnian Stage		
10393	middle and late Miocene Mohnian Stage		
10394	middle Miocene Luisian Stage (type)		
10395	middle Miocene Luisian Stage (type)		
10396	middle Miocene Luisian Stage (type)		
10397	middle Miocene Luisian Stage (type)		
10398	middle Miocene Luisian Stage (type)		
10399	middle Miocene Luisian Stage (type)		
10400	middle Miocene Luisian Stage (type)		
10401	middle Miocene Luisian Stage (type)		
10402	middle Miocene Luisian Stage (type)		
10403	middle Miocene Luisian Stage (type)		
10404	middle Miocene Luisian Stage (type)		
10405	middle Miocene Luisian Stage (type)		
10406	middle Miocene Luisian Stage (type)		
10407	middle Miocene Luisian Stage (type)		
10408	middle Miocene Luisian Stage (type)		
10409	middle Miocene Luisian Stage (type)		
10410	middle Miocene Luisian Stage (type)		
10411	middle Miocene Luisian Stage (type)		
10412	middle Miocene Luisian Stage (type)		
10413	middle Miocene Luisian Stage (type)		
10414	middle Miocene Luisian Stage (type)		
10415	middle Miocene Luisian Stage (type)		
10416	middle Miocene Luisian Stage (type)		
10417	middle Miocene Luisian Stage (type)		
10418	middle Miocene Luisian Stage (type)		
10419	middle Miocene Luisian Stage (type)		
10420	middle Miocene Luisian Stage (type)		
10421	middle Miocene Luisian Stage (type)		
10422	middle Miocene Luisian Stage (type)		
10423	middle Miocene Luisian Stage (type)		
10424	middle Miocene Luisian Stage (type)		
10425	middle Miocene Luisian Stage (type)		
10426	middle Miocene Luisian Stage (type)		
10427	middle Miocene Luisian Stage (type)		
10428	middle Miocene Luisian Stage (type)		
10429	middle Miocene Luisian Stage (type)		
10430	middle Miocene Luisian Stage (type)		
10431	middle Miocene Luisian Stage (type)		
10432	middle Miocene Luisian Stage (type)		
10433	middle Miocene Luisian Stage (type)		
10434	middle Miocene Luisian Stage (type)		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
10435	Eocene		
10436	Eocene		
10437	Eocene		
10438	Eocene		
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10440	Eocene		
10441	Eocene		
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10484	Eocene		
10485	Eocene		
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10487	middle Eocene A-2 Zone		
10488	middle Eocene A-2 Zone		
10489	middle Eocene A-2 Zone		
10490	middle Eocene A-2 Zone		
10491	middle Eocene A-2 Zone		
10492	middle Eocene A-2 Zone		
10493	middle Eocene A-2 Zone		
10494	middle Eocene A-2 Zone		
10495	middle Eocene A-2 Zone		
10496	middle Eocene A-2 Zone		
10497	middle Eocene A-2 Zone		
10498	middle Eocene A-2 Zone		
10499	middle Eocene A-2 Zone		
10500	middle Eocene A-2 Zone		
10501	middle Eocene A-2 Zone		
10502	middle Eocene A-2 Zone		
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10509	middle Eocene A-2 Zone		
10510	middle Eocene A-2 Zone		
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10530	middle Eocene A-2 Zone		
10531	middle Eocene A-2 Zone		
10532	middle Eocene A-2 Zone		
10533	middle Eocene A-2 Zone		
10534	middle Eocene A-2 Zone		
10535	probably late Miocene		
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10552	probably late Miocene		
10553	probably Pliocene		
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10569	Pliocene		
10570	Pliocene		
10571	middle Eocene A-2 Zone		
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10583	middle Eocene A-2 Zone		
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10600	middle Eocene A-2 Zone		
10601	middle Eocene A-2 Zone		
10602	middle Eocene A-2 Zone		
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10649	middle Eocene A-2 Zone		
10650	middle Eocene A-2 Zone		
10651	middle Eocene A-2 Zone		
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10658	middle Eocene A-2 Zone		
10659	middle Eocene A-2 Zone		
10660	middle Eocene A-2 Zone		
10661	middle Eocene A-2 Zone		
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10663	middle Eocene A-2 Zone		
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10666	middle Eocene A-2 Zone		
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10674	middle Eocene A-2 Zone		
10675	middle Eocene A-2 Zone		
10676	middle Eocene A-2 Zone		
10677	middle Eocene A-2 Zone		
10678	middle Eocene A-2 Zone		
10679	middle Eocene A-2 Zone		
10680	middle Eocene A-2 Zone		
10681	middle Eocene A-2 Zone		
10682	middle Eocene A-2 Zone		
10683	middle Eocene A-2 Zone		
10684	middle Eocene A-2 Zone		
10685	middle Eocene A-2 Zone		
10686	middle Eocene A-2 Zone		
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10689	middle Eocene A-2 Zone		
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10698	middle Eocene A-2 Zone		
10699	middle Eocene A-2 Zone		
10700	middle Eocene A-2 Zone		
10701	middle Eocene A-2 Zone		
10702	middle Eocene A-2 Zone		
10703	middle Eocene A-2 Zone		
10704	middle Eocene A-2 Zone		
10705	middle Eocene A-2 Zone		
10706	middle Eocene A-2 Zone		
10707	middle Eocene A Zone		
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10732	middle Eocene A Zone		
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10771	middle Eocene A Zone		
10772	middle Eocene A Zone		
10773	middle Eocene A Zone		
10774	middle Eocene A Zone		
10775	Eocene		
10776	Eocene		
10777	Eocene		
10778	Eocene		
10779	Eocene		
10780	Eocene		
10781	Eocene		
10782	Eocene		
10783	Eocene		
10784	Eocene		
10785	Eocene		
10786	Eocene		
10787	Eocene		
10788	Eocene		
10789	Eocene		
10790	Oligocene Zemorrian Stage		
10791	Oligocene Zemorrian Stage		
10792	Oligocene Zemorrian Stage		
10793	Oligocene Zemorrian Stage		
10794	Oligocene Zemorrian Stage		
10795	Oligocene Zemorrian Stage		
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10799	Oligocene Zemorrian Stage		
10800	Oligocene Zemorrian Stage		
10801	Oligocene Zemorrian Stage		
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10806	Oligocene Zemorrian Stage		
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10840	Oligocene Zemorrian Stage		
10841	Oligocene Zemorrian Stage		
10842	Oligocene Zemorrian Stage		
10843	Oligocene Zemorrian Stage		
10844	Oligocene Zemorrian Stage		
10845	Oligocene Zemorrian Stage		
10846	Oligocene Zemorrian Stage		
10847	late Paleocene Ynezian Stage		
10848	Paleocene or Eocene		
10849	possibly late Paleocene Ynezian Stage		
10850	late Paleocene Ynezian Stage		
10851	late Paleocene Ynezian Stage		
10852	late Paleocene Ynezian Stage		
10853	Late Cretaceous arenaceous foraminifers		
10854	Late Cretaceous arenaceous foraminifers		
10855	Late Cretaceous arenaceous foraminifers		
10856	Eocene?		
10857	Eocene		
10858	Eocene		
10859	Eocene		
10860	Eocene		
10861	Eocene		
10862	Eocene		
10863	Eocene		
10864	Eocene		
10865	Eocene		
10866	Eocene		
10867	Eocene		
10868	Eocene		
10869	Eocene		
10870	middle Eocene A-2 Zone		
10871	middle Eocene A-2 Zone		
10872	middle Eocene A-2 Zone		
10873	middle Eocene A-2 Zone		
10874	middle Eocene A-2 Zone		
10875	middle Eocene A-2 Zone		
10876	middle Eocene A-2 Zone		
10877	middle Eocene A-2 Zone		
10878	middle Eocene A-2 Zone		
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1	ZONE/STAGE/SERIES/AGE		
10880	middle Eocene A-2 Zone		
10881	middle Eocene A-2 Zone		
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10884	middle Eocene A-2 Zone		
10885	middle Eocene A-2 Zone		
10886	middle Eocene A-2 Zone		
10887	middle Eocene A-2 Zone		
10888	middle and late Miocene lower Mohnian Stage		
10889	middle and late Miocene lower Mohnian Stage		
10890	middle and late Miocene lower Mohnian Stage		
10891	middle and late Miocene lower Mohnian Stage		
10892	middle and late Miocene lower Mohnian Stage		
10893	middle and late Miocene lower Mohnian Stage		
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10895	middle and late Miocene lower Mohnian Stage		
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10905	middle and late Miocene lower Mohnian Stage		
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10954	middle and late Miocene Mohnian Stage		
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11028	middle and late Miocene Mohnian Stage		
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11081	middle and late Miocene Mohnian Stage		
11082	middle and late Miocene Mohnian Stage		
11083	middle and late Miocene upper Mohnian Stage		
11084	middle and late Miocene upper Mohnian Stage		
11085	middle and late Miocene upper Mohnian Stage		
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11087	middle and late Miocene upper Mohnian Stage		
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11099	middle and late Miocene upper Mohnian Stage		
11100	middle and late Miocene upper Mohnian Stage		
11101	middle and late Miocene upper Mohnian Stage		

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1	ZONE/STAGE/SERIES/AGE		
11102	middle and late Miocene upper Mohnian Stage		
11103	middle and late Miocene upper Mohnian Stage		
11104	middle and late Miocene upper Mohnian Stage		
11105	middle and late Miocene upper Mohnian Stage		
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11107	middle and late Miocene upper Mohnian Stage		
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11111	middle and late Miocene upper Mohnian Stage		
11112	middle and late Miocene upper Mohnian Stage		
11113	middle and late Miocene upper Mohnian Stage		
11114	middle and late Miocene upper Mohnian Stage		
11115	middle and late Miocene upper Mohnian Stage		
11116	middle and late Miocene upper Mohnian Stage		
11117	middle and late Miocene upper Mohnian Stage		
11118	middle and late Miocene upper Mohnian Stage		
11119	middle and late Miocene upper Mohnian Stage		
11120	middle and late Miocene upper Mohnian Stage		
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11122	middle and late Miocene upper Mohnian Stage		
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11175	middle and late Miocene upper Mohnian Stage		

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1	ZONE/STAGE/SERIES/AGE		
11176	middle and late Miocene upper Mohnian Stage		
11177	middle and late Miocene upper Mohnian Stage		
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11199	middle and late Miocene upper Mohnian Stage		
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11206	middle and late Miocene upper Mohnian Stage		
11207	middle and late Miocene upper Mohnian Stage		
11208	middle and late Miocene upper Mohnian Stage		
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11214	middle and late Miocene upper Mohnian Stage		
11215	middle and late Miocene upper Mohnian Stage		
11216	middle and late Miocene upper Mohnian Stage		
11217	early Miocene Saucesian? Stage		
11218	middle and late Miocene Mohnian Stage		
11219	middle and late Miocene Mohnian Stage		
11220	middle and late Miocene Mohnian Stage		
11221	middle and late Miocene Mohnian Stage		
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11232	middle and late Miocene Mohnian Stage		
11233	middle and late Miocene Mohnian Stage		
11234	middle and late Miocene Mohnian Stage		
11235	middle and late Miocene Mohnian Stage		
11236	Eocene		
11237	Eocene		
11238	Eocene		
11239	Eocene		
11240	Eocene		
11241	Eocene		
11242	Eocene		
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11244	Eocene		
11245	Eocene		
11246	Eocene		
11247	Eocene		
11248	Eocene		
11249	Eocene		

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1	ZONE/STAGE/SERIES/AGE		
11250	Eocene		
11251	Eocene		
11252	Eocene		
11253	Eocene		
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11255	Eocene		
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11258	Eocene		
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11295	Eocene		
11296	Eocene		
11297	Eocene		
11298	Eocene		
11299	Eocene		
11300	Eocene		
11301	Eocene		
11302	Eocene		
11303	Eocene		
11304	Eocene		
11305	Eocene		
11306	Eocene		
11307	Eocene		
11308	Eocene		
11309	Eocene		
11310	Eocene		
11311	probably Miocene		
11312	probably Miocene		
11313	probably Miocene		
11314	probably Miocene		
11315	probably Miocene		
11316	probably Miocene		
11317	probably Miocene		
11318	probably Miocene		
11319	probably Miocene		
11320	probably Miocene		
11321	middle Miocene		
11322	middle Miocene		
11323	middle Miocene Luisian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
11324	middle and late Miocene Luisian or Mohnian Stage		
11325	probably Miocene		
11326	probably Miocene		
11327	probably Miocene		
11328	probably Miocene		
11329	probably Miocene		
11330	probably Miocene		
11331	probably Miocene		
11332	probably Miocene		
11333	probably Miocene		
11334	probably Miocene		
11335	Miocene		
11336	Miocene		
11337	Miocene		
11338	Miocene		
11339	Miocene		
11340	Miocene		
11341	early Miocene		
11342	early Miocene		
11343	middle and late Miocene Mohnian Stage		
11344	middle and late Miocene Mohnian Stage		
11345	middle and late Miocene Mohnian Stage		
11346	middle and late Miocene Mohnian Stage		
11347	middle and late Miocene Mohnian Stage		
11348	middle and late Miocene Mohnian Stage		
11349	middle and late Miocene Mohnian Stage		
11350	middle and late Miocene Mohnian Stage		
11351	middle and late Miocene lower Mohnian Stage		
11352	middle and late Miocene lower Mohnian Stage		
11353	middle and late Miocene lower Mohnian Stage		
11354	middle and late Miocene lower Mohnian Stage		
11355	middle and late Miocene lower Mohnian Stage		
11356	middle and late Miocene lower Mohnian Stage		
11357	middle and late Miocene lower Mohnian Stage		
11358	middle and late Miocene lower Mohnian Stage		
11359	middle and late Miocene lower Mohnian Stage		
11360	middle and late Miocene lower Mohnian Stage		
11361	middle and late Miocene lower Mohnian Stage		
11362	middle and late Miocene lower Mohnian Stage		
11363	middle and late Miocene lower Mohnian Stage		
11364	middle and late Miocene lower Mohnian Stage		
11365	middle and late Miocene lower Mohnian Stage		
11366	middle and late Miocene lower Mohnian Stage		
11367	middle and late Miocene lower Mohnian Stage		
11368	middle and late Miocene lower Mohnian Stage		
11369	middle and late Miocene Luisian or Mohnian Stage		
11370	middle and late Miocene Luisian or Mohnian Stage		
11371	middle and late Miocene Luisian or Mohnian Stage		
11372	middle and late Miocene Luisian or Mohnian Stage		
11373	middle and late Miocene Luisian or Mohnian Stage		
11374	middle and late Miocene Luisian or Mohnian Stage		
11375	middle and late Miocene Luisian or Mohnian Stage		
11376	middle and late Miocene Luisian or Mohnian Stage		
11377	middle and late Miocene Luisian or Mohnian Stage		
11378	middle and late Miocene Luisian or Mohnian Stage		
11379	middle and late Miocene Luisian or Mohnian Stage		
11380	early Miocene		
11381	early Miocene		
11382	early Miocene		
11383	early Miocene Saucesian Stage		
11384	middle Miocene Luisian Stage		
11385	middle and late Miocene Mohnian Stage		
11386	middle and late Miocene Mohnian Stage		
11387	middle and late Miocene Mohnian Stage		
11388	middle and late Miocene Mohnian Stage		
11389	middle and late Miocene Mohnian Stage		
11390	middle and late Miocene Mohnian Stage		
11391	middle and late Miocene Mohnian Stage		
11392	middle Miocene Luisian Stage		
11393	middle Miocene Luisian Stage		
11394	middle Miocene Luisian Stage		
11395	middle Miocene Luisian Stage		
11396	middle Miocene Luisian Stage		
11397	middle Miocene Luisian Stage		

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1	ZONE/STAGE/SERIES/AGE		
11398	middle Miocene Luisian Stage		
11399	middle and late Miocene Mohnian Stage		
11400	middle and late Miocene Mohnian Stage		
11401	middle and late Miocene Mohnian Stage		
11402	middle and late Miocene Mohnian Stage		
11403	Oligocene Zemorrian? Stage		
11404	middle Eocene A-2 Zone		
11405	Eocene?		
11406	Eocene?		
11407	Eocene?		
11408	early Miocene Saucesian Stage		
11409	Eocene?		
11410	Eocene?		
11411	Oligocene Zemorrian Stage		
11412	Eocene?		
11413	Eocene?		
11414	early Miocene Relizian Stage		
11415	Tertiary		
11416	Late Cretaceous		
11417	Late Cretaceous C or D-1 Zone		
11418	Late Cretaceous D-2 Zone		
11419	assemblage		
11420	late Miocene Delmontian Stage		
11421	late Miocene Delmontian Stage		
11422	late Miocene Delmontian Stage		
11423	late Miocene Delmontian Stage		
11424	late Miocene Delmontian Stage		
11425	middle and late Miocene Mohnian Stage		
11426	middle and late Miocene Mohnian Stage		
11427	middle and late Miocene Mohnian Stage		
11428	middle and late Miocene Mohnian Stage		
11429	middle and late Miocene Mohnian Stage		
11430	middle and late Miocene Mohnian Stage		
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11435	middle and late Miocene Mohnian Stage		
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11440	middle and late Miocene Mohnian Stage		
11441	middle and late Miocene Mohnian Stage		
11442	middle and late Miocene Mohnian Stage		
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11444	middle and late Miocene Mohnian Stage		
11445	middle and late Miocene Mohnian Stage		
11446	middle and late Miocene Mohnian Stage		
11447	middle and late Miocene Mohnian Stage		
11448	middle and late Miocene Mohnian Stage		
11449	middle and late Miocene Mohnian Stage		
11450	middle and late Miocene Mohnian Stage		
11451	middle and late Miocene Mohnian Stage		
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11456	middle and late Miocene Mohnian Stage		
11457	middle Miocene Luisian Stage		
11458	middle Miocene Luisian Stage		
11459	middle Miocene Luisian Stage		
11460	middle Miocene Luisian Stage		
11461	middle Miocene Luisian Stage		
11462	middle Miocene Luisian Stage		
11463	middle Miocene Luisian Stage		
11464	middle Miocene Luisian Stage		
11465	middle Miocene Luisian Stage		
11466	middle Miocene Luisian Stage		
11467	middle Miocene Luisian Stage		
11468	middle Miocene Luisian Stage		
11469	middle Miocene Luisian Stage		
11470	middle Miocene Luisian Stage		
11471	middle Miocene Luisian Stage		

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1	ZONE/STAGE/SERIES/AGE		
11472	middle Miocene Luisian Stage		
11473	middle Miocene Luisian Stage		
11474	middle Miocene Luisian Stage		
11475	middle Miocene Luisian Stage		
11476	middle Miocene Luisian Stage		
11477	middle Miocene Luisian Stage		
11478	middle Miocene Luisian Stage		
11479	middle Miocene Luisian Stage		
11480	middle Miocene Luisian Stage		
11481	middle Miocene Luisian Stage		
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11488	middle Miocene Luisian Stage		
11489	middle Miocene Luisian Stage		
11490	middle Miocene Luisian Stage		
11491	middle Miocene Luisian Stage		
11492	middle Miocene Luisian Stage		
11493	early Miocene Relizian Stage		
11494	early Miocene Relizian Stage		
11495	early Miocene Relizian Stage		
11496	Miocene		
11497	Miocene		
11498	Miocene		
11499	Miocene		
11500	Miocene		
11501	Miocene		
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1	ZONE/STAGE/SERIES/AGE		
11546	Miocene		
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11559	Miocene		
11560	Miocene		
11561	Miocene		
11562	Miocene		
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11564	Miocene		
11565	Miocene		
11566	Miocene		
11567	middle and late Miocene Luisian or Mohnian Stage		
11568	middle and late Miocene Luisian or Mohnian Stage		
11569	middle and late Miocene Luisian or Mohnian Stage		
11570	middle and late Miocene Luisian or Mohnian Stage		
11571	middle and late Miocene Luisian or Mohnian Stage		
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11601	middle and late Miocene Luisian or Mohnian Stage		
11602	middle and late Miocene lower Mohnian Stage		
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11619	middle and late Miocene lower Mohnian Stage		

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1	ZONE/STAGE/SERIES/AGE		
11620	middle and late Miocene lower Mohnian Stage		
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1	ZONE/STAGE/SERIES/AGE		
11694	middle and late Miocene upper Mohnian Stage		
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11700	middle and late Miocene upper Mohnian Stage		
11701	middle and late Miocene upper Mohnian Stage		
11702	middle and late Miocene upper Mohnian Stage		
11703	middle and late Miocene upper Mohnian Stage		
11704	middle and late Miocene upper Mohnian Stage		
11705	middle and late Miocene upper Mohnian Stage		
11706	middle and late Miocene upper Mohnian Stage		
11707	middle and late Miocene upper Mohnian Stage		
11708	middle and late Miocene upper Mohnian Stage		
11709	middle and late Miocene upper Mohnian Stage		
11710	middle and late Miocene upper Mohnian Stage		
11711	middle and late Miocene upper Mohnian Stage		
11712	middle and late Miocene upper Mohnian Stage		
11713	middle and late Miocene upper Mohnian Stage		
11714	middle and late Miocene upper Mohnian Stage		
11715	middle and late Miocene upper Mohnian Stage		
11716	middle and late Miocene upper Mohnian Stage		
11717	middle and late Miocene upper Mohnian Stage		
11718	middle and late Miocene upper Mohnian Stage		
11719	middle and late Miocene upper Mohnian Stage		
11720	middle and late Miocene upper Mohnian Stage		
11721	middle and late Miocene upper Mohnian Stage		
11722	middle and late Miocene upper Mohnian Stage		
11723	middle and late Miocene upper Mohnian Stage		
11724	middle and late Miocene upper Mohnian Stage		
11725	middle and late Miocene upper Mohnian Stage		
11726	middle and late Miocene upper Mohnian Stage		
11727	middle and late Miocene upper Mohnian Stage		
11728	middle and late Miocene upper Mohnian Stage		
11729	middle and late Miocene upper Mohnian Stage		
11730	middle and late Miocene upper Mohnian Stage		
11731	middle and late Miocene upper Mohnian Stage		
11732	middle and late Miocene upper Mohnian Stage		
11733	middle and late Miocene upper Mohnian Stage		
11734	middle and late Miocene upper Mohnian Stage		
11735	middle and late Miocene upper Mohnian Stage		
11736	middle and late Miocene upper Mohnian Stage		
11737	middle and late Miocene upper Mohnian Stage		
11738	middle and late Miocene upper Mohnian Stage		
11739	middle and late Miocene upper Mohnian Stage		
11740	middle and late Miocene upper Mohnian Stage		
11741	middle and late Miocene upper Mohnian Stage		
11742	middle and late Miocene upper Mohnian Stage		
11743	middle and late Miocene upper Mohnian Stage		
11744	middle and late Miocene upper Mohnian Stage		
11745	middle and late Miocene upper Mohnian Stage		
11746	middle and late Miocene upper Mohnian Stage		
11747	middle and late Miocene upper Mohnian Stage		
11748	middle and late Miocene upper Mohnian Stage		
11749	middle and late Miocene upper Mohnian Stage		
11750	Pliocene		
11751	Eocene		
11752	Eocene		
11753	Eocene		
11754	Eocene		
11755	Eocene		
11756	Eocene		
11757	Eocene		
11758	Eocene		
11759	Eocene		
11760	Eocene		
11761	Pliocene		
11762	middle and late Miocene upper Mohnian Stage		
11763	middle and late Miocene Mohnian Stage		
11764	middle and late Miocene Mohnian Stage		
11765	middle and late Miocene Mohnian Stage		
11766	middle and late Miocene Mohnian Stage		
11767	middle and late Miocene Mohnian Stage		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
11768	middle and late Miocene Mohnian Stage		
11769	middle and late Miocene Mohnian Stage		
11770	middle and late Miocene Mohnian Stage		
11771	middle and late Miocene Mohnian Stage		
11772	middle and late Miocene lower Mohnian Stage		
11773	middle and late Miocene lower Mohnian Stage		
11774	middle and late Miocene lower Mohnian Stage		
11775	middle and late Miocene lower Mohnian Stage		
11776	middle and late Miocene lower Mohnian Stage		
11777	middle and late Miocene lower Mohnian Stage		
11778	middle and late Miocene lower Mohnian Stage		
11779	middle and late Miocene lower Mohnian Stage		
11780	middle and late Miocene lower Mohnian Stage		
11781	middle and late Miocene lower Mohnian Stage		
11782	middle and late Miocene lower Mohnian Stage		
11783	middle and late Miocene lower Mohnian Stage		
11784	middle and late Miocene lower Mohnian Stage		
11785	middle and late Miocene lower Mohnian Stage		
11786	middle and late Miocene lower Mohnian Stage		
11787	middle and late Miocene lower Mohnian Stage		
11788	middle and late Miocene lower Mohnian Stage		
11789	middle and late Miocene lower Mohnian Stage		
11790	middle and late Miocene lower Mohnian Stage		
11791	middle and late Miocene lower Mohnian Stage		
11792	middle and late Miocene lower Mohnian Stage		
11793	middle and late Miocene lower Mohnian Stage		
11794	middle and late Miocene lower Mohnian Stage		
11795	middle and late Miocene lower Mohnian Stage		
11796	middle and late Miocene Luisian or Mohnian Stage		
11797	middle and late Miocene Luisian or Mohnian Stage		
11798	early Eocene Discoaster lodoensis Zone		
11799	early Eocene Discoaster lodoensis Zone		
11800	early Eocene Discoaster lodoensis Zone		
11801	middle Eocene		
11802	middle Eocene		
11803	middle Eocene		
11804	middle Eocene		
11805	middle Eocene		
11806	middle Eocene		
11807	middle Eocene		
11808	middle Eocene		
11809	middle Eocene		
11810	middle Eocene		
11811	middle Eocene		
11812	middle Eocene		
11813	middle Eocene		
11814	middle Eocene		
11815	Pliocene		
11816	Paleocene?		
11817	Paleocene?		
11818	Paleocene?		
11819	Paleocene?		
11820	Paleocene?		
11821	Paleocene?		
11822	Paleocene?		
11823	Paleocene?		
11824	Paleocene?		
11825	Paleocene?		
11826	Paleocene?		
11827	Paleocene?		
11828	Paleocene?		
11829	Paleocene?		
11830	early Miocene Relizian? Stage		
11831	Pliocene?		
11832	Paleocene?		
11833	Paleocene?		
11834	Paleocene?		
11835	Paleocene?		
11836	Paleocene?		
11837	Paleocene?		
11838	Paleocene?		
11839	Paleocene?		
11840	early Miocene Relizian? Stage		
11841	middle Eocene A-2 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
11842	middle Eocene A-2 Zone		
11843	middle Eocene A-2 Zone		
11844	middle Eocene A-2 Zone		
11845	middle Eocene A-2 Zone		
11846	middle Eocene A-2 Zone		
11847	middle Eocene A-2 Zone		
11848	middle Eocene A-2 Zone		
11849	middle Eocene A-2 Zone		
11850	middle Eocene A-2 Zone		
11851	middle Eocene A-2 Zone		
11852	middle Eocene A-2 Zone		
11853	middle Eocene A-2 Zone		
11854	middle Eocene A-2 Zone		
11855	middle Eocene A-2 Zone		
11856	middle Eocene A-2 Zone		
11857	middle Eocene A-2 Zone		
11858	middle Eocene A-2 Zone		
11859	middle Eocene A-2 Zone		
11860	middle Eocene A-2 Zone		
11861	middle Eocene A-2 Zone		
11862	middle Eocene A-2 Zone		
11863	middle Eocene A-2 Zone		
11864	middle Eocene A-2 Zone		
11865	middle Eocene A-2 Zone		
11866	middle Eocene A-2 Zone		
11867	middle Eocene A-2 Zone		
11868	middle Eocene A-2 Zone		
11869	middle Eocene A-2 Zone		
11870	middle Eocene A-2 Zone		
11871	middle Eocene A-2 Zone		
11872	middle Eocene A-2 Zone		
11873	middle Eocene A-2 Zone		
11874	middle Eocene A-2 Zone		
11875	middle Eocene A-2 Zone		
11876	middle Eocene A-2 Zone		
11877	middle Eocene A-2 Zone		
11878	middle Eocene A-2 Zone		
11879	middle Eocene A-2 Zone		
11880	middle Eocene A-2 Zone		
11881	middle Eocene A-2 Zone		
11882	middle Eocene A-2 Zone		
11883	middle Eocene A-2 Zone		
11884	middle Eocene A-2 Zone		
11885	middle Eocene A-2 Zone		
11886	middle Eocene A-2 Zone		
11887	middle Eocene A-2 Zone		
11888	middle Eocene A-2 Zone		
11889	middle Eocene A-2 Zone		
11890	middle Eocene A-2 Zone		
11891	middle Eocene A-2 Zone		
11892	early Miocene Relizian? Stage		
11893	late Miocene		
11894	late Miocene		
11895	early Miocene Relizian Stage		
11896	early Miocene Relizian Stage		
11897	early Miocene Relizian Stage		
11898	early Miocene Relizian Stage		
11899	Eocene		
11900	Eocene		
11901	Eocene		
11902	Eocene		
11903	Eocene		
11904	Eocene		
11905	Eocene		
11906	Eocene		
11907	Eocene		
11908	Eocene		
11909	Eocene		
11910	Eocene		
11911	Eocene		
11912	Eocene		
11913	Eocene		
11914	Eocene		
11915	Eocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
11916	Eocene		
11917	Eocene		
11918	Eocene		
11919	Eocene		
11920	Eocene		
11921	Eocene		
11922	Eocene		
11923	Eocene		
11924	Eocene		
11925	Eocene		
11926	Eocene		
11927	Eocene		
11928	Eocene		
11929	Eocene		
11930	Eocene		
11931	Eocene		
11932	Eocene		
11933	Eocene		
11934	Eocene		
11935	Eocene		
11936	Eocene		
11937	Eocene		
11938	Eocene		
11939	Eocene		
11940	Eocene		
11941	Eocene		
11942	Eocene		
11943	Eocene		
11944	Eocene		
11945	Eocene		
11946	Eocene		
11947	Eocene		
11948	Eocene		
11949	Eocene		
11950	Eocene		
11951	Eocene		
11952	Eocene		
11953	Eocene		
11954	Eocene		
11955	Eocene		
11956	middle Eocene A-2 Zone		
11957	middle Eocene A-2 Zone		
11958	middle Eocene A-2 Zone		
11959	middle Eocene A-2 Zone		
11960	middle Eocene A-2 Zone		
11961	middle Eocene A-2 Zone		
11962	middle Eocene A-2 Zone		
11963	middle Eocene A-2 Zone		
11964	middle Eocene A-2 Zone		
11965	middle Eocene A-2 Zone		
11966	middle Eocene A-2 Zone		
11967	middle Eocene A-2 Zone		
11968	middle Eocene A-2 Zone		
11969	middle Eocene A-2 Zone		
11970	middle Eocene A-2 Zone		
11971	middle Eocene A-2 Zone		
11972	middle Eocene A-2 Zone		
11973	middle Eocene A-2 Zone		
11974	middle Eocene A-2 Zone		
11975	middle Eocene A-2 Zone		
11976	middle Eocene A-2 Zone		
11977	middle Eocene A-2 Zone		
11978	middle Eocene A-2 Zone		
11979	middle Eocene A-2 Zone		
11980	middle Eocene A-2 Zone		
11981	middle Eocene A-2 Zone		
11982	middle Eocene A-2 Zone		
11983	middle Eocene A-2 Zone		
11984	middle Eocene A-2 Zone		
11985	late Miocene Delmontian Stage		
11986	late Miocene Delmontian Stage		
11987	middle and late Miocene Luisian or Mohnian Stage		
11988	middle and late Miocene lower Mohnian Stage		
11989	middle and late Miocene lower Mohnian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
11990	middle and late Miocene lower Mohnian Stage		
11991	middle and late Miocene lower Mohnian Stage		
11992	middle and late Miocene lower Mohnian Stage		
11993	middle and late Miocene lower Mohnian Stage		
11994	middle and late Miocene lower Mohnian Stage		
11995	middle and late Miocene lower Mohnian Stage		
11996	middle and late Miocene lower Mohnian Stage		
11997	middle and late Miocene lower Mohnian Stage		
11998	middle and late Miocene lower Mohnian Stage		
11999	middle and late Miocene lower Mohnian Stage		
12000	middle and late Miocene lower Mohnian Stage		
12001	middle and late Miocene lower Mohnian Stage		
12002	middle and late Miocene lower Mohnian Stage		
12003	middle and late Miocene lower Mohnian Stage		
12004	middle and late Miocene lower Mohnian Stage		
12005	middle and late Miocene lower Mohnian Stage		
12006	middle Miocene Luisian Stage		
12007	middle Miocene Luisian Stage		
12008	middle Miocene Luisian Stage		
12009	middle Miocene Luisian Stage		
12010	middle Miocene Luisian Stage		
12011	middle Miocene Luisian Stage		
12012	middle Miocene Luisian Stage		
12013	middle Miocene Luisian Stage		
12014	middle Miocene Luisian Stage		
12015	middle Miocene Luisian Stage		
12016	middle Miocene Luisian Stage		
12017	middle Miocene Luisian Stage		
12018	Oligocene Zemorrian or early Miocene Saucesian Stage		
12019	Oligocene Zemorrian or early Miocene Saucesian Stage		
12020	Oligocene Zemorrian or early Miocene Saucesian Stage		
12021	Oligocene Zemorrian or early Miocene Saucesian Stage		
12022	Oligocene Zemorrian or early Miocene Saucesian Stage		
12023	Oligocene Zemorrian or early Miocene Saucesian Stage		
12024	Oligocene Zemorrian or early Miocene Saucesian Stage		
12025	Oligocene Zemorrian or early Miocene Saucesian Stage		
12026	Oligocene Zemorrian or early Miocene Saucesian Stage		
12027	Oligocene Zemorrian or early Miocene Saucesian Stage		
12028	Oligocene Zemorrian or early Miocene Saucesian Stage		
12029	Oligocene Zemorrian or early Miocene Saucesian Stage		
12030	Oligocene Zemorrian or early Miocene Saucesian Stage		
12031	Oligocene Zemorrian or early Miocene Saucesian Stage		
12032	Oligocene Zemorrian or early Miocene Saucesian Stage		
12033	Oligocene Zemorrian or early Miocene Saucesian Stage		
12034	Oligocene Zemorrian or early Miocene Saucesian Stage		
12035	Oligocene Zemorrian or early Miocene Saucesian Stage		
12036	Oligocene Zemorrian or early Miocene Saucesian Stage		
12037	Oligocene Zemorrian or early Miocene Saucesian Stage		
12038	Oligocene Zemorrian or early Miocene Saucesian Stage		
12039	Oligocene Zemorrian or early Miocene Saucesian Stage		
12040	Oligocene Zemorrian or early Miocene Saucesian Stage		
12041	Oligocene Zemorrian or early Miocene Saucesian Stage		
12042	Oligocene Zemorrian or early Miocene Saucesian Stage		
12043	Oligocene Zemorrian or early Miocene Saucesian Stage		
12044	Oligocene Zemorrian or early Miocene Saucesian Stage		
12045	Oligocene Zemorrian or early Miocene Saucesian Stage		
12046	Oligocene Zemorrian or early Miocene Saucesian Stage		
12047	Oligocene Zemorrian or early Miocene Saucesian Stage		
12048	Oligocene Zemorrian or early Miocene Saucesian Stage		
12049	Oligocene Zemorrian or early Miocene Saucesian Stage		
12050	Oligocene Zemorrian or early Miocene Saucesian Stage		
12051	Oligocene Zemorrian or early Miocene Saucesian Stage		
12052	Oligocene Zemorrian or early Miocene Saucesian Stage		
12053	Oligocene Zemorrian or early Miocene Saucesian Stage		
12054	late Miocene		
12055	late Miocene		
12056	late Miocene		
12057	late Miocene		
12058	late Miocene		
12059	late Miocene		
12060	late Miocene		
12061	late Miocene		
12062	late Miocene		
12063	late Miocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
12064	late Miocene		
12065	late Miocene		
12066	late Miocene		
12067	late Miocene		
12068	late Miocene		
12069	late Miocene		
12070	late Miocene		
12071	late Miocene		
12072	late Miocene		
12073	late Miocene		
12074	late Miocene		
12075	late Miocene		
12076	late Miocene		
12077	late Miocene		
12078	late Miocene		
12079	late Miocene		
12080	middle Miocene		
12081	middle Miocene		
12082	middle Miocene		
12083	middle Miocene		
12084	middle Miocene		
12085	middle Miocene		
12086	middle Miocene		
12087	middle Miocene		
12088	middle Miocene		
12089	middle Miocene		
12090	middle Miocene		
12091	middle Miocene		
12092	middle Miocene		
12093	middle Miocene		
12094	Eocene		
12095	Late Cretaceous D-2 Zone		
12096	Late Cretaceous D-1 Zone		
12097	Late Cretaceous D-1 Zone		
12098	Late Cretaceous D-1 Zone		
12099	Late Cretaceous D-1 Zone		
12100	Late Cretaceous D-1 Zone		
12101	Late Cretaceous D-1 Zone		
12102	Late Cretaceous D-1 Zone		
12103	Late Cretaceous D-1 Zone		
12104	Late Cretaceous D-1 Zone		
12105	Late Cretaceous D-1 Zone		
12106	Late Cretaceous F Zone		
12107	Late Cretaceous F Zone		
12108	Late Cretaceous arenaceous foraminifers		
12109	Late Cretaceous arenaceous foraminifers		
12110	Late Cretaceous F Zone		
12111	Late Cretaceous arenaceous foraminifers		
12112	Late Cretaceous arenaceous foraminifers		
12113	Late Cretaceous G-2 Zone		
12114	Late Cretaceous F Zone		
12115	Pliocene		
12116	Pliocene		
12117	Pliocene		
12118	Pliocene		
12119	Pliocene		
12120	Pliocene		
12121	Pliocene		
12122	Late Cretaceous		
12123	Late Cretaceous?		
12124	Late Cretaceous		
12125	Late Cretaceous E Zone		
12126	Oligocene Zemorrian Stage		
12127	late Eocene		
12128	late Eocene		
12129	late Eocene		
12130	Late Cretaceous arenaceous foraminifers		
12131	Late Cretaceous arenaceous foraminifers		
12132	Late Cretaceous arenaceous foraminifers		
12133	Late Cretaceous, possibly D-2 Zone		
12134	Late Cretaceous G-2 Zone		
12135	Late Cretaceous G-2 Zone		
12136	Late Cretaceous H Zone		
12137	Late Cretaceous H Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
12138	Late Cretaceous H Zone		
12139	Late Cretaceous H Zone		
12140	late Paleocene E Zone		
12141	late Paleocene E or early Eocene D Zone		
12142	Late Cretaceous C or D-1 Zone		
12143	Late Cretaceous E Zone		
12144	Late Cretaceous E Zone		
12145	Late Cretaceous D-2 Zone		
12146	Late Cretaceous C or D-1 Zone		
12147	Late Cretaceous F Zone		
12148	Late Cretaceous D-2 Zone		
12149	Late Cretaceous D-2 Zone		
12150	Late Cretaceous D-2 Zone		
12151	Late Cretaceous D-2 Zone		
12152	Late Cretaceous E Zone		
12153	Late Cretaceous E Zone		
12154	Late Cretaceous F-2 Zone		
12155	Late Cretaceous F-2 Zone		
12156	Late Cretaceous F-2 Zone		
12157	Late Cretaceous F-2 Zone or older		
12158	Late Cretaceous G-1 Zone or younger		
12159	Late Cretaceous H Zone		
12160	Late Cretaceous J-1 Zone		
12161	Late Cretaceous J-1 Zone		
12162	middle and late Miocene lower Mohnian Stage		
12163	middle and late Miocene lower Mohnian Stage		
12164	middle and late Miocene lower Mohnian Stage		
12165	middle and late Miocene lower Mohnian Stage		
12166	middle and late Miocene lower Mohnian Stage		
12167	middle and late Miocene lower Mohnian Stage		
12168	middle and late Miocene lower Mohnian Stage		
12169	middle and late Miocene lower Mohnian Stage		
12170	middle and late Miocene lower Mohnian Stage		
12171	middle and late Miocene lower Mohnian Stage		
12172	middle and late Miocene Mohnian Stage		
12173	middle and late Miocene Mohnian Stage		
12174	middle and late Miocene Mohnian Stage		
12175	middle and late Miocene Mohnian Stage		
12176	middle and late Miocene Mohnian Stage		
12177	middle and late Miocene Mohnian Stage		
12178	middle and late Miocene Mohnian Stage		
12179	middle and late Miocene Mohnian Stage		
12180	middle and late Miocene Mohnian Stage		
12181	middle and late Miocene Mohnian Stage		
12182	middle and late Miocene Mohnian Stage		
12183	middle and late Miocene Mohnian Stage		
12184	middle and late Miocene Mohnian Stage		
12185	middle and late Miocene Mohnian Stage		
12186	middle and late Miocene Mohnian Stage		
12187	middle and late Miocene upper Mohnian Stage		
12188	middle and late Miocene upper Mohnian Stage		
12189	middle and late Miocene upper Mohnian Stage		
12190	middle and late Miocene upper Mohnian Stage		
12191	middle and late Miocene upper Mohnian Stage		
12192	middle and late Miocene upper Mohnian Stage		
12193	middle and late Miocene upper Mohnian Stage		
12194	middle and late Miocene upper Mohnian Stage		
12195	middle and late Miocene upper Mohnian Stage		
12196	middle and late Miocene upper Mohnian Stage		
12197	middle and late Miocene upper Mohnian Stage		
12198	middle and late Miocene upper Mohnian Stage		
12199	middle and late Miocene upper Mohnian Stage		
12200	middle and late Miocene Mohnian Stage		
12201	middle and late Miocene Mohnian Stage		
12202	middle and late Miocene Mohnian Stage		
12203	middle and late Miocene Mohnian Stage		
12204	middle and late Miocene Mohnian Stage		
12205	middle and late Miocene Mohnian Stage		
12206	middle and late Miocene Mohnian Stage		
12207	middle and late Miocene Mohnian Stage		
12208	middle and late Miocene Mohnian Stage		
12209	middle and late Miocene Mohnian Stage		
12210	middle and late Miocene Mohnian Stage		
12211	middle and late Miocene Mohnian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
12212	middle and late Miocene Mohnian Stage		
12213	middle and late Miocene Mohnian Stage		
12214	middle and late Miocene Mohnian Stage		
12215	middle and late Miocene Mohnian Stage		
12216	middle and late Miocene Mohnian Stage		
12217	middle and late Miocene Mohnian Stage		
12218	middle and late Miocene Mohnian Stage		
12219	middle and late Miocene Mohnian Stage		
12220	middle and late Miocene Mohnian Stage		
12221	middle and late Miocene Mohnian Stage		
12222	middle and late Miocene Mohnian Stage		
12223	middle and late Miocene Mohnian Stage		
12224	middle and late Miocene Mohnian Stage		
12225	middle and late Miocene Mohnian Stage		
12226	middle and late Miocene Mohnian Stage		
12227	middle and late Miocene Mohnian Stage		
12228	middle and late Miocene Mohnian Stage		
12229	middle and late Miocene Mohnian Stage		
12230	middle and late Miocene Mohnian Stage		
12231	middle and late Miocene Mohnian Stage		
12232	middle and late Miocene upper Mohnian Stage		
12233	middle and late Miocene upper Mohnian Stage		
12234	middle and late Miocene upper Mohnian Stage		
12235	middle and late Miocene upper Mohnian Stage		
12236	middle and late Miocene upper Mohnian Stage		
12237	middle and late Miocene upper Mohnian Stage		
12238	middle and late Miocene upper Mohnian Stage		
12239	middle and late Miocene upper Mohnian Stage		
12240	middle and late Miocene upper Mohnian Stage		
12241	middle and late Miocene upper Mohnian Stage		
12242	middle and late Miocene upper Mohnian Stage		
12243	middle and late Miocene upper Mohnian Stage		
12244	middle and late Miocene upper Mohnian Stage		
12245	middle and late Miocene upper Mohnian Stage		
12246	middle Miocene Luisian Stage		
12247	Miocene		
12248	Miocene		
12249	Miocene		
12250	Miocene		
12251	Miocene		
12252	Miocene		
12253	Miocene		
12254	Miocene		
12255	Pliocene		
12256	Pliocene		
12257	Pliocene?		
12258	Pliocene?		
12259	Pliocene?		
12260	Pliocene		
12261	Pliocene		
12262	middle and late Miocene Mohnian Stage		
12263	middle and late Miocene Mohnian? Stage		
12264	middle and late Miocene Mohnian? Stage		
12265	middle and late Miocene Mohnian Stage		
12266	middle and late Miocene Mohnian Stage		
12267	middle and late Miocene Mohnian Stage		
12268	middle and late Miocene Mohnian Stage		
12269	middle and late Miocene Mohnian Stage		
12270	middle and late Miocene Mohnian Stage		
12271	middle and late Miocene Mohnian Stage		
12272	middle and late Miocene Mohnian Stage		
12273	middle and late Miocene Mohnian Stage		
12274	middle and late Miocene Mohnian Stage		
12275	Eocene		
12276	late Pliocene		
12277	late Pliocene		
12278	late Pliocene		
12279	late Pliocene		
12280	late Pliocene		
12281	late Pliocene		
12282	late Pliocene		
12283	late Pliocene		
12284	late Pliocene		
12285	late Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
12286	late Pliocene		
12287	late Pliocene and/or Pleistocene		
12288	late Pliocene and/or Pleistocene		
12289	late Miocene		
12290	late Miocene		
12291	late Miocene		
12292	late Miocene		
12293	late Miocene		
12294	late Miocene		
12295	late Miocene		
12296	late Miocene		
12297	late Miocene		
12298	late Miocene		
12299	early Pliocene		
12300	early Pliocene		
12301	early Pliocene		
12302	early Pliocene		
12303	early Pliocene		
12304	early Pliocene		
12305	early Pliocene		
12306	early Pliocene		
12307	early Pliocene		
12308	early Pliocene		
12309	early Pliocene		
12310	early Pliocene		
12311	early Pliocene		
12312	early Pliocene		
12313	early Pliocene		
12314	early Pliocene		
12315	early Pliocene		
12316	early Pliocene		
12317	early Pliocene		
12318	early Pliocene		
12319	early Pliocene		
12320	early Pliocene		
12321	early Pliocene		
12322	early Pliocene		
12323	early Pliocene		
12324	early Pliocene		
12325	early Pliocene		
12326	early Pliocene		
12327	early Pliocene		
12328	early Pliocene		
12329	early Pliocene		
12330	early Pliocene		
12331	early Pliocene		
12332	early Pliocene		
12333	early Pliocene		
12334	early Pliocene		
12335	early Pliocene		
12336	early Pliocene		
12337	early Pliocene		
12338	early Pliocene		
12339	early Pliocene		
12340	late Pliocene		
12341	late Pliocene		
12342	late Pliocene		
12343	late Pliocene		
12344	late Pliocene		
12345	late Pliocene		
12346	late Pliocene		
12347	late Pliocene		
12348	late Pliocene		
12349	late Pliocene		
12350	late Pliocene		
12351	late Pliocene and/or Pleistocene		
12352	late Pliocene and/or Pleistocene		
12353	late Miocene		
12354	late Miocene		
12355	late Miocene		
12356	late Miocene		
12357	late Miocene		
12358	late Miocene		
12359	late Miocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
12360	late Miocene		
12361	late Miocene		
12362	late Miocene		
12363	late Miocene		
12364	late Miocene		
12365	late Miocene		
12366	late Miocene		
12367	late Miocene		
12368	late Miocene		
12369	late Miocene		
12370	late Miocene		
12371	early Pliocene		
12372	early Pliocene		
12373	early Pliocene		
12374	early Pliocene		
12375	early Pliocene		
12376	early Pliocene		
12377	early Pliocene		
12378	early Pliocene		
12379	early Pliocene		
12380	early Pliocene		
12381	early Pliocene		
12382	early Pliocene		
12383	early Pliocene		
12384	early Pliocene		
12385	early Pliocene		
12386	early Pliocene		
12387	early Pliocene		
12388	early Pliocene		
12389	early Pliocene		
12390	early Pliocene		
12391	early Pliocene		
12392	early Pliocene		
12393	early Pliocene		
12394	early Pliocene		
12395	early Pliocene		
12396	early Pliocene		
12397	early Pliocene		
12398	early Pliocene		
12399	early Pliocene		
12400	early Pliocene		
12401	early Pliocene		
12402	early Pliocene		
12403	early Pliocene		
12404	early Pliocene		
12405	early Pliocene		
12406	early Pliocene		
12407	early Pliocene		
12408	early Pliocene		
12409	early Pliocene		
12410	early Pliocene		
12411	early Pliocene		
12412	early Pliocene		
12413	early Pliocene		
12414	early Pliocene		
12415	early Pliocene		
12416	early Pliocene		
12417	early Pliocene		
12418	early Pliocene		
12419	early Pliocene		
12420	early Pliocene		
12421	early Pliocene		
12422	early Pliocene		
12423	early Pliocene		
12424	early Pliocene		
12425	early Pliocene		
12426	early Pliocene		
12427	early Pliocene		
12428	early Pliocene		
12429	middle and late Miocene upper Mohnian Stage		
12430	middle and late Miocene upper Mohnian Stage		
12431	middle and late Miocene upper Mohnian Stage		
12432	middle and late Miocene upper Mohnian Stage		
12433	middle and late Miocene upper Mohnian Stage		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
12434	middle and late Miocene upper Mohnian Stage		
12435	middle and late Miocene upper Mohnian Stage		
12436	middle and late Miocene upper Mohnian Stage		
12437	middle and late Miocene upper Mohnian Stage		
12438	middle and late Miocene upper Mohnian Stage		
12439	middle and late Miocene upper Mohnian Stage		
12440	middle and late Miocene upper Mohnian Stage		
12441	middle and late Miocene upper Mohnian Stage		
12442	middle and late Miocene upper Mohnian Stage		
12443	middle and late Miocene upper Mohnian Stage		
12444	middle and late Miocene upper Mohnian Stage		
12445	Late Cretaceous		
12446	late Paleocene E Zone		
12447	late Paleocene E Zone		
12448	Eocene?		
12449	Eocene?		
12450	Late Cretaceous C or D-1 Zone		
12451	Late Cretaceous D-1 Zone		
12452	Late Cretaceous D Zone		
12453	Late Cretaceous D-2 Zone		
12454	Late Cretaceous Senonian Stage		
12455	Late Cretaceous		
12456	Late Cretaceous Senonian Stage		
12457	Late Cretaceous Senonian Stage		
12458	Late Cretaceous Senonian Stage		
12459	late Miocene Delmontian Stage		
12460	late Miocene Delmontian Stage		
12461	late Miocene Delmontian Stage		
12462	late Miocene Delmontian Stage		
12463	late Miocene Delmontian Stage		
12464	late Miocene Delmontian Stage		
12465	late Miocene Delmontian Stage		
12466	late Miocene Delmontian Stage		
12467	late Miocene Delmontian Stage		
12468	late Miocene Delmontian Stage		
12469	late Miocene Delmontian Stage		
12470	late Miocene Delmontian Stage		
12471	late Miocene Delmontian Stage		
12472	late Miocene Delmontian Stage		
12473	Late Cretaceous		
12474	Late Cretaceous		
12475	Late Cretaceous H or J-1 Zone		
12476	Late Cretaceous D Zone		
12477	Late Cretaceous arenaceous foraminifers		
12478	Late Cretaceous arenaceous foraminifers		
12479	Late Cretaceous C or D-1 Zone		
12480	Late Cretaceous arenaceous foraminifers		
12481	Late Cretaceous Senonian Stage		
12482	Late Cretaceous arenaceous foraminifers		
12483	Late Cretaceous arenaceous foraminifers		
12484	Late Cretaceous arenaceous foraminifers		
12485	Late Cretaceous		
12486	middle and late Miocene lower Mohnian Stage		
12487	middle and late Miocene lower Mohnian Stage		
12488	middle and late Miocene lower Mohnian Stage		
12489	middle and late Miocene lower Mohnian Stage		
12490	middle and late Miocene lower Mohnian Stage		
12491	middle and late Miocene lower Mohnian Stage		
12492	middle and late Miocene lower Mohnian Stage		
12493	middle and late Miocene lower Mohnian Stage		
12494	middle and late Miocene lower Mohnian Stage		
12495	middle and late Miocene lower Mohnian Stage		
12496	middle and late Miocene lower Mohnian Stage		
12497	middle and late Miocene lower Mohnian Stage		
12498	middle and late Miocene lower Mohnian Stage		
12499	middle and late Miocene lower Mohnian Stage		
12500	middle and late Miocene lower Mohnian Stage		
12501	middle and late Miocene Mohnian Stage		
12502	middle and late Miocene Mohnian Stage		
12503	middle and late Miocene Mohnian Stage		
12504	middle and late Miocene Mohnian Stage		
12505	middle and late Miocene Mohnian Stage		
12506	middle and late Miocene upper Mohnian Stage		
12507	middle and late Miocene upper Mohnian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
12508	middle and late Miocene upper Mohnian Stage		
12509	middle and late Miocene upper Mohnian Stage		
12510	middle and late Miocene upper Mohnian Stage		
12511	middle and late Miocene upper Mohnian Stage		
12512	middle and late Miocene upper Mohnian Stage		
12513	middle and late Miocene upper Mohnian Stage		
12514	middle and late Miocene upper Mohnian Stage		
12515	middle and late Miocene upper Mohnian Stage		
12516	middle and late Miocene upper Mohnian Stage		
12517	middle and late Miocene upper Mohnian Stage		
12518	middle and late Miocene upper Mohnian Stage		
12519	Eocene		
12520	early Miocene lower Relizian Stage		
12521	early Miocene Relizian Stage		
12522	early Miocene Relizian Stage		
12523	early Miocene Relizian Stage		
12524	early Miocene Relizian Stage		
12525	early Miocene Relizian Stage		
12526	early Miocene Relizian Stage		
12527	early Miocene Relizian Stage		
12528	early Miocene Relizian Stage		
12529	early Miocene Relizian? Stage		
12530	late Miocene		
12531	late Miocene		
12532	late Miocene		
12533	late Miocene		
12534	late Miocene		
12535	late Miocene		
12536	late Miocene		
12537	late Miocene		
12538	late Miocene		
12539	late Miocene		
12540	late Miocene		
12541	late Miocene		
12542	late Miocene		
12543	late Miocene		
12544	late Miocene		
12545	late Miocene		
12546	late Miocene		
12547	late Miocene		
12548	late Miocene		
12549	late Miocene		
12550	Pliocene		
12551	Pliocene		
12552	Pliocene		
12553	Pliocene		
12554	Pliocene		
12555	Pliocene		
12556	Pliocene		
12557	Pliocene		
12558	Pliocene		
12559	Pliocene		
12560	Pliocene		
12561	Pliocene		
12562	Pliocene		
12563	Pliocene		
12564	Pliocene		
12565	Pliocene		
12566	Pliocene		
12567	Pliocene		
12568	Pliocene		
12569	Pliocene		
12570	Pliocene		
12571	Pliocene		
12572	Pliocene		
12573	Pliocene		
12574	Pliocene		
12575	Pliocene		
12576	Pliocene		
12577	Pliocene		
12578	Pliocene		
12579	Pliocene		
12580	Pliocene		
12581	Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
12582	Pliocene		
12583	Oligocene lower Zemorrian Stage		
12584	Oligocene lower Zemorrian Stage		
12585	Oligocene lower Zemorrian Stage		
12586	Oligocene lower Zemorrian Stage		
12587	Oligocene lower Zemorrian Stage		
12588	Oligocene lower Zemorrian Stage		
12589	Oligocene lower Zemorrian Stage		
12590	Oligocene lower Zemorrian Stage		
12591	Oligocene lower Zemorrian Stage		
12592	Oligocene lower Zemorrian Stage		
12593	Oligocene lower Zemorrian Stage		
12594	Oligocene lower Zemorrian Stage		
12595	Oligocene lower Zemorrian Stage		
12596	Oligocene lower Zemorrian Stage		
12597	Oligocene lower Zemorrian Stage		
12598	Oligocene lower Zemorrian Stage		
12599	Oligocene lower Zemorrian Stage		
12600	Oligocene lower Zemorrian Stage		
12601	Oligocene lower Zemorrian Stage		
12602	Oligocene lower Zemorrian Stage		
12603	Oligocene lower Zemorrian Stage		
12604	Oligocene lower Zemorrian Stage		
12605	Oligocene lower Zemorrian Stage		
12606	Oligocene lower Zemorrian Stage		
12607	Oligocene lower Zemorrian Stage		
12608	Oligocene lower Zemorrian Stage		
12609	Oligocene lower Zemorrian Stage		
12610	Oligocene lower Zemorrian Stage		
12611	Oligocene lower Zemorrian Stage		
12612	Oligocene lower Zemorrian Stage		
12613	Oligocene lower Zemorrian Stage		
12614	Oligocene lower Zemorrian Stage		
12615	Oligocene lower Zemorrian Stage		
12616	Oligocene lower Zemorrian Stage		
12617	Oligocene lower Zemorrian Stage		
12618	Oligocene lower Zemorrian Stage		
12619	Oligocene lower Zemorrian Stage		
12620	Oligocene lower Zemorrian Stage		
12621	Oligocene lower Zemorrian Stage		
12622	Oligocene lower Zemorrian Stage		
12623	Oligocene lower Zemorrian Stage		
12624	Oligocene lower Zemorrian Stage		
12625	Oligocene lower Zemorrian Stage		
12626	Oligocene lower Zemorrian Stage		
12627	Oligocene lower Zemorrian Stage		
12628	Oligocene lower Zemorrian Stage		
12629	Oligocene lower Zemorrian Stage		
12630	Oligocene lower Zemorrian Stage		
12631	Oligocene lower Zemorrian Stage		
12632	Oligocene lower Zemorrian Stage		
12633	Oligocene lower Zemorrian Stage		
12634	Oligocene lower Zemorrian Stage		
12635	Oligocene lower Zemorrian Stage		
12636	Oligocene lower Zemorrian Stage		
12637	Oligocene lower Zemorrian Stage		
12638	Oligocene lower Zemorrian Stage		
12639	Oligocene lower Zemorrian Stage		
12640	Oligocene lower Zemorrian Stage		
12641	Oligocene lower Zemorrian Stage		
12642	Oligocene lower Zemorrian Stage		
12643	Oligocene lower Zemorrian Stage		
12644	Oligocene lower Zemorrian Stage		
12645	Oligocene lower Zemorrian Stage		
12646	Oligocene lower Zemorrian Stage		
12647	Oligocene lower Zemorrian Stage		
12648	Oligocene lower Zemorrian Stage		
12649	Oligocene lower Zemorrian Stage		
12650	Oligocene lower Zemorrian Stage		
12651	Oligocene lower Zemorrian Stage		
12652	Oligocene lower Zemorrian Stage		
12653	Oligocene lower Zemorrian Stage		
12654	Oligocene lower Zemorrian Stage		
12655	Oligocene lower Zemorrian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
12656	Oligocene lower Zemorrian Stage		
12657	Oligocene lower Zemorrian Stage		
12658	Oligocene lower Zemorrian Stage		
12659	Oligocene lower Zemorrian Stage		
12660	Oligocene lower Zemorrian Stage		
12661	Oligocene lower Zemorrian Stage		
12662	Oligocene lower Zemorrian Stage		
12663	Oligocene lower Zemorrian Stage		
12664	Oligocene lower Zemorrian Stage		
12665	Oligocene lower Zemorrian Stage		
12666	Oligocene lower Zemorrian Stage		
12667	Oligocene lower Zemorrian Stage		
12668	Oligocene lower Zemorrian Stage		
12669	Oligocene lower Zemorrian Stage		
12670	Oligocene lower Zemorrian Stage		
12671	Oligocene lower Zemorrian Stage		
12672	Oligocene lower Zemorrian Stage		
12673	Oligocene lower Zemorrian Stage		
12674	Oligocene lower Zemorrian Stage		
12675	Oligocene lower Zemorrian Stage		
12676	Oligocene lower Zemorrian Stage		
12677	Oligocene lower Zemorrian Stage		
12678	Oligocene lower Zemorrian Stage		
12679	Oligocene lower Zemorrian Stage		
12680	Oligocene lower Zemorrian Stage		
12681	Oligocene lower Zemorrian Stage		
12682	Oligocene lower Zemorrian Stage		
12683	Oligocene lower Zemorrian Stage		
12684	Oligocene lower Zemorrian Stage		
12685	Oligocene lower Zemorrian Stage		
12686	Oligocene lower Zemorrian Stage		
12687	Oligocene lower Zemorrian Stage		
12688	Oligocene lower Zemorrian Stage		
12689	Oligocene lower Zemorrian Stage		
12690	Oligocene lower Zemorrian Stage		
12691	Oligocene lower Zemorrian Stage		
12692	Oligocene lower Zemorrian Stage		
12693	Oligocene lower Zemorrian Stage		
12694	Oligocene lower Zemorrian Stage		
12695	Oligocene lower Zemorrian Stage		
12696	Oligocene lower Zemorrian Stage		
12697	Oligocene lower Zemorrian Stage		
12698	Oligocene lower Zemorrian Stage		
12699	Oligocene lower Zemorrian Stage		
12700	Oligocene lower Zemorrian Stage		
12701	Oligocene lower Zemorrian Stage		
12702	Oligocene lower Zemorrian Stage		
12703	Oligocene lower Zemorrian Stage		
12704	Oligocene lower Zemorrian Stage		
12705	Oligocene lower Zemorrian Stage		
12706	Oligocene lower Zemorrian Stage		
12707	Oligocene lower Zemorrian Stage		
12708	Oligocene lower Zemorrian Stage		
12709	Oligocene lower Zemorrian Stage		
12710	Oligocene lower Zemorrian Stage		
12711	Oligocene lower Zemorrian Stage		
12712	Oligocene lower Zemorrian Stage		
12713	Oligocene lower Zemorrian Stage		
12714	Oligocene lower Zemorrian Stage		
12715	Oligocene lower Zemorrian Stage		
12716	Oligocene lower Zemorrian Stage		
12717	Oligocene lower Zemorrian Stage		
12718	Oligocene lower Zemorrian Stage		
12719	Oligocene lower Zemorrian Stage		
12720	Oligocene lower Zemorrian Stage		
12721	Oligocene lower Zemorrian Stage		
12722	Oligocene lower Zemorrian Stage		
12723	Oligocene lower Zemorrian Stage		
12724	Oligocene lower Zemorrian Stage		
12725	Oligocene lower Zemorrian Stage		
12726	Oligocene lower Zemorrian Stage		
12727	Oligocene lower Zemorrian Stage		
12728	Oligocene lower Zemorrian Stage		
12729	Oligocene lower Zemorrian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
12730	Oligocene lower Zemorrian Stage		
12731	Oligocene lower Zemorrian Stage		
12732	Oligocene lower Zemorrian Stage		
12733	Oligocene lower Zemorrian Stage		
12734	Oligocene lower Zemorrian Stage		
12735	Oligocene lower Zemorrian Stage		
12736	Oligocene lower Zemorrian Stage		
12737	Oligocene lower Zemorrian Stage		
12738	Oligocene lower Zemorrian Stage		
12739	Oligocene lower Zemorrian Stage		
12740	Oligocene lower Zemorrian Stage		
12741	Oligocene lower Zemorrian Stage		
12742	Oligocene lower Zemorrian Stage		
12743	Oligocene lower Zemorrian Stage		
12744	Oligocene lower Zemorrian Stage		
12745	Oligocene lower Zemorrian Stage		
12746	Oligocene lower Zemorrian Stage		
12747	Oligocene lower Zemorrian Stage		
12748	Oligocene lower Zemorrian Stage		
12749	Oligocene lower Zemorrian Stage		
12750	Oligocene lower Zemorrian Stage		
12751	Oligocene lower Zemorrian Stage		
12752	Oligocene lower Zemorrian Stage		
12753	Oligocene lower Zemorrian Stage		
12754	Oligocene lower Zemorrian Stage		
12755	Oligocene lower Zemorrian Stage		
12756	Oligocene lower Zemorrian Stage		
12757	Oligocene lower Zemorrian Stage		
12758	Oligocene lower Zemorrian Stage		
12759	assemblage		
12760	assemblage		
12761	assemblage		
12762	Oligocene lower Zemorrian Stage		
12763	Oligocene lower Zemorrian Stage		
12764	Oligocene lower Zemorrian Stage		
12765	Oligocene lower Zemorrian Stage		
12766	Oligocene lower Zemorrian Stage		
12767	Oligocene lower Zemorrian Stage		
12768	Oligocene lower Zemorrian Stage		
12769	Oligocene lower Zemorrian Stage		
12770	Oligocene lower Zemorrian Stage		
12771	Oligocene lower Zemorrian Stage		
12772	Oligocene lower Zemorrian Stage		
12773	Early Cretaceous K Zone		
12774	Early Cretaceous K Zone		
12775	Early Cretaceous K Zone		
12776	Early Cretaceous K Zone		
12777	Early Cretaceous K Zone		
12778	Early Cretaceous K Zone		
12779	Early Cretaceous K Zone		
12780	Late Jurassic M Zone		
12781	probably Late Jurassic M Zone		
12782	probably Late Cretaceous I Zone		
12783	Late Cretaceous H Zone		
12784	probably Late Cretaceous arenaceous foraminifers		
12785	probably Early Cretaceous J Zone		
12786	Early Cretaceous J Zone		
12787	probably Early Cretaceous J Zone		
12788	probably Early Cretaceous J Zone		
12789	Early Cretaceous J Zone		
12790	Late Cretaceous? arenaceous foraminifers		
12791	Late Cretaceous? arenaceous foraminifers		
12792	Early Cretaceous J Zone		
12793	Early Cretaceous J Zone		
12794	Early Cretaceous J Zone		
12795	middle and late Miocene Lower Mohnian Stage		
12796	Late Cretaceous		
12797	possibly Early Cretaceous		
12798	Early Cretaceous J Zone		
12799	probably E Cretaceous J Zone		
12800	early Eocene B-4 or C Zone		
12801	early Eocene B-4 or C Zone		
12802	Cretaceous arenaceous foraminifers		
12803	Late Cretaceous C or D-1 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
12804	Late Cretaceous C or D-1 Zone		
12805	Late Cretaceous C or D-1 Zone		
12806	Late Cretaceous C or D-1 Zone		
12807	Cretaceous arenaceous foraminifers		
12808	probably Late Cretaceous D-2 Zone		
12809	Cretaceous arenaceous foraminifers		
12810	Cretaceous arenaceous foraminifers		
12811	Cretaceous arenaceous foraminifers		
12812	Cretaceous arenaceous foraminifers		
12813	Cretaceous arenaceous foraminifers		
12814	Late Cretaceous G-1 Zone		
12815	Late Cretaceous? arenaceous foraminifers		
12816	Late Cretaceous? arenaceous foraminifers		
12817	Late Cretaceous F-2 Zone		
12818	Late Cretaceous F-2 Zone		
12819	Cretaceous arenaceous foraminifers		
12820	Late Cretaceous F or G Zone		
12821	Late Cretaceous F or G Zone		
12822	Late Cretaceous F-2 Zone		
12823	Cretaceous arenaceous foraminifers		
12824	Cretaceous arenaceous foraminifers		
12825	Late Cretaceous G Zone		
12826	Cretaceous arenaceous foraminifers		
12827	Cretaceous arenaceous foraminifers		
12828	Cretaceous arenaceous foraminifers		
12829	Cretaceous arenaceous foraminifers		
12830	Cretaceous arenaceous foraminifers		
12831	Cretaceous arenaceous foraminifers		
12832	Pliocene		
12833	middle Eocene Narizian Stage		
12834	middle Eocene Narizian Stage		
12835	middle Eocene Narizian Stage		
12836	middle Eocene Narizian Stage		
12837	middle Eocene Narizian Stage		
12838	middle Eocene Narizian Stage		
12839	middle Eocene Narizian Stage		
12840	middle Eocene Narizian Stage		
12841	Eocene		
12842	Paleocene?		
12843	Paleocene?		
12844	Paleocene?		
12845	Paleocene?		
12846	Paleocene?		
12847	Paleocene?		
12848	Paleocene?		
12849	Paleocene?		
12850	middle Eocene Narizian? Stage		
12851	middle Eocene Narizian? Stage		
12852	middle Eocene Narizian? Stage		
12853	middle Eocene Narizian? Stage		
12854	middle Eocene Narizian? Stage		
12855	middle Eocene Narizian? Stage		
12856	middle and late Miocene upper Mohnian Stage		
12857	middle and late Miocene upper Mohnian Stage		
12858	middle and late Miocene upper Mohnian Stage		
12859	middle and late Miocene upper Mohnian Stage		
12860	middle and late Miocene upper Mohnian Stage		
12861	middle and late Miocene upper Mohnian Stage		
12862	middle and late Miocene Mohnian Stage		
12863	middle and late Miocene Mohnian Stage		
12864	middle and late Miocene Mohnian Stage		
12865	middle and late Miocene Mohnian Stage		
12866	middle and late Miocene Mohnian Stage		
12867	middle and late Miocene Mohnian Stage		
12868	middle and late Miocene Mohnian Stage		
12869	middle and late Miocene Mohnian Stage		
12870	middle and late Miocene upper Mohnian Stage		
12871	middle and late Miocene upper Mohnian Stage		
12872	middle and late Miocene upper Mohnian Stage		
12873	middle and late Miocene upper Mohnian Stage		
12874	middle and late Miocene upper Mohnian Stage		
12875	middle and late Miocene upper Mohnian Stage		
12876	middle and late Miocene upper Mohnian Stage		
12877	middle and late Miocene upper Mohnian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
12878	middle and late Miocene upper Mohnian Stage		
12879	middle and late Miocene upper Mohnian Stage		
12880	middle and late Miocene upper Mohnian Stage		
12881	middle and late Miocene upper Mohnian Stage		
12882	middle and late Miocene upper Mohnian Stage		
12883	middle and late Miocene upper Mohnian Stage		
12884	middle and late Miocene upper Mohnian Stage		
12885	late Miocene		
12886	early Eocene P-9 Zone		
12887	early Eocene P-9 Zone		
12888	early Eocene P-9 Zone		
12889	early Eocene P-9 Zone		
12890	early Eocene P-9 Zone		
12891	early Eocene P-9 Zone		
12892	early Eocene P-9 Zone		
12893	early Eocene P-9 Zone		
12894	middle and late Miocene Mohnian Stage		
12895	Miocene		
12896	Miocene		
12897	Miocene		
12898	Miocene		
12899	Miocene		
12900	Miocene		
12901	Miocene		
12902	Miocene		
12903	Miocene		
12904	Miocene		
12905	middle Miocene Luisian Stage		
12906	middle Miocene Luisian Stage		
12907	Miocene		
12908	middle Miocene Luisian Stage		
12909	middle Miocene Luisian Stage		
12910	middle Miocene Luisian Stage		
12911	middle Miocene Luisian Stage		
12912	middle Miocene Luisian Stage		
12913	Late Cretaceous		
12914	Late Cretaceous		
12915	Late Cretaceous		
12916	Late Cretaceous		
12917	Late Cretaceous		
12918	Eocene		
12919	Cretaceous arenaceous foraminifers		
12920	probably Oligocene Zemorrian Stage		
12921	probably Oligocene Zemorrian Stage		
12922	probably Oligocene Zemorrian Stage		
12923	probably Oligocene Zemorrian Stage		
12924	probably Oligocene Zemorrian Stage		
12925	probably Oligocene Zemorrian Stage		
12926	probably Oligocene Zemorrian Stage		
12927	probably Oligocene Zemorrian Stage		
12928	probably Oligocene Zemorrian Stage		
12929	probably Oligocene Zemorrian Stage		
12930	probably Oligocene Zemorrian Stage		
12931	probably Oligocene Zemorrian Stage		
12932	probably Oligocene Zemorrian Stage		
12933	probably Oligocene Zemorrian Stage		
12934	middle and late Miocene lower Mohnian Stage		
12935	middle and late Miocene lower Mohnian Stage		
12936	probably middle Miocene Luisian Stage		
12937	probably middle Miocene Luisian Stage		
12938	probably middle Miocene Luisian Stage		
12939	probably middle Miocene Luisian Stage		
12940	probably middle Miocene Luisian Stage		
12941	probably middle Miocene Luisian Stage		
12942	probably middle Miocene Luisian Stage		
12943	middle Miocene		
12944	early Miocene Relizian Stage		
12945	middle Miocene Luisian Stage		
12946	Miocene		
12947	middle Miocene Luisian Stage		
12948	middle and late Miocene Mohnian Stage		
12949	middle and late Miocene Mohnian Stage		
12950	middle and late Miocene Mohnian Stage		
12951	middle and late Miocene lower Mohnian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
12952	middle and late Miocene lower Mohnian Stage		
12953	middle and late Miocene lower Mohnian Stage		
12954	middle and late Miocene lower Mohnian Stage		
12955	middle and late Miocene lower Mohnian Stage		
12956	middle and late Miocene lower Mohnian Stage		
12957	middle and late Miocene lower Mohnian Stage		
12958	middle and late Miocene lower Mohnian Stage		
12959	middle and late Miocene lower Mohnian Stage		
12960	middle and late Miocene lower Mohnian Stage		
12961	middle and late Miocene lower Mohnian Stage		
12962	possibly middle Miocene Luisian Stage		
12963	late Miocene Delmontian Stage		
12964	middle Miocene		
12965	late Miocene Delmontian Stage		
12966	Pliocene		
12967	Pliocene		
12968	Pliocene		
12969	Pliocene		
12970	Pliocene		
12971	Pliocene		
12972	Pliocene		
12973	Pliocene		
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12976	Pliocene		
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12990	Pliocene		
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13010	Pliocene		
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13014	Pliocene		
13015	Pliocene		
13016	Pliocene		
13017	Pliocene		
13018	Pliocene		
13019	Pliocene		
13020	Pliocene		
13021	Pliocene		
13022	Pliocene		
13023	Pliocene		
13024	Pliocene		
13025	Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
13026	Pliocene		
13027	Pliocene		
13028	Pliocene		
13029	Pliocene		
13030	Pliocene		
13031	Pliocene		
13032	Pliocene		
13033	Pliocene		
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13035	Pliocene		
13036	Pliocene		
13037	Pliocene		
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13039	Pliocene		
13040	Pliocene		
13041	Pliocene		
13042	Pliocene		
13043	Pliocene		
13044	Pliocene		
13045	Pliocene		
13046	Pliocene		
13047	late Miocene Delmontian Stage		
13048	Pliocene		
13049	Pliocene		
13050	Pliocene		
13051	Pliocene		
13052	Pliocene		
13053	Pliocene		
13054	Pliocene		
13055	Pliocene		
13056	Pliocene		
13057	Pliocene		
13058	Pliocene		
13059	Pliocene		
13060	Pliocene		
13061	Pliocene		
13062	Pliocene		
13063	Pliocene		
13064	Pliocene		
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13067	Pliocene		
13068	Pliocene		
13069	Pliocene		
13070	Pliocene		
13071	Pliocene		
13072	Pliocene		
13073	Pliocene		
13074	Pliocene		
13075	Pliocene		
13076	Pliocene		
13077	Pliocene		
13078	Pliocene		
13079	Pliocene		
13080	Pliocene		
13081	Pliocene		
13082	Pliocene		
13083	Pliocene		
13084	Pliocene		
13085	Pliocene		
13086	Pliocene		
13087	Pliocene		
13088	Pliocene		
13089	Pliocene		
13090	Pliocene		
13091	Pliocene		
13092	Pliocene		
13093	Pliocene		
13094	Pliocene		
13095	Pliocene		
13096	late Miocene Delmontian Stage		
13097	late Miocene Delmontian Stage		
13098	late Miocene Delmontian Stage		
13099	late Miocene Delmontian Stage		

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1	ZONE/STAGE/SERIES/AGE		
13100	late Miocene Delmontian Stage		
13101	late Miocene Delmontian Stage		
13102	late Miocene Delmontian Stage		
13103	late Miocene Delmontian Stage		
13104	late Miocene Delmontian Stage		
13105	late Miocene Delmontian Stage		
13106	late Miocene Delmontian Stage		
13107	middle Miocene		
13108	middle Miocene		
13109	middle Miocene		
13110	middle Miocene		
13111	middle Miocene		
13112	middle Miocene		
13113	middle Miocene		
13114	middle Miocene		
13115	early Miocene Relizian Stage		
13116	early Miocene Relizian Stage		
13117	early Miocene Relizian Stage		
13118	early Miocene Relizian Stage		
13119	early Miocene Relizian Stage		
13120	early Miocene Relizian Stage		
13121	early Miocene Relizian Stage		
13122	early Miocene Relizian Stage		
13123	early Miocene Relizian Stage		
13124	early Miocene Relizian Stage		
13125	early Miocene Relizian Stage		
13126	early Miocene Relizian Stage		
13127	early Miocene Relizian Stage		
13128	Pliocene		
13129	Pliocene		
13130	Pliocene		
13131	Pliocene		
13132	early Miocene Relizian Stage		
13133	early Miocene Relizian Stage		
13134	early Miocene Relizian Stage		
13135	Eocene		
13136	Eocene		
13137	Eocene		
13138	Eocene		
13139	middle Eocene		
13140	early Eocene		
13141	early Eocene		
13142	Eocene		
13143	Eocene		
13144	Late Cretaceous E Zone		
13145	Late Cretaceous E Zone		
13146	Late Cretaceous arenaceous foraminifers		
13147	Late Cretaceous D-2 Zone		
13148	Late Cretaceous D or E Zones		
13149	Cretaceous? arenaceous foraminifers		
13150	Cretaceous? arenaceous foraminifers		
13151	Cretaceous? arenaceous foraminifers		
13152	Cretaceous? arenaceous foraminifers		
13153	Cretaceous? arenaceous foraminifers		
13154	Late Cretaceous arenaceous foraminifers		
13155	contaminated		
13156	contaminated?		
13157	Cretaceous? arenaceous foraminifers		
13158	early Eocene		
13159	early Eocene		
13160	early Eocene		
13161	early Eocene		
13162	Late Cretaceous arenaceous foraminifers		
13163	early Eocene		
13164	late Miocene Delmontian Stage		
13165	late Miocene Delmontian Stage		
13166	late Miocene Delmontian Stage		
13167	late Miocene Delmontian Stage		
13168	late Miocene Delmontian Stage		
13169	late Miocene Delmontian Stage		
13170	late Miocene Delmontian Stage		
13171	late Miocene Delmontian Stage		
13172	late Miocene Delmontian Stage		
13173	late Miocene Delmontian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
13174	late Miocene Delmontian Stage		
13175	late Miocene Delmontian Stage		
13176	late Miocene Delmontian Stage		
13177	late Miocene Delmontian Stage		
13178	late Miocene Delmontian Stage		
13179	late Miocene Delmontian Stage		
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13182	late Miocene Delmontian Stage		
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13191	late Miocene Delmontian Stage		
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13195	late Miocene Delmontian Stage		
13196	late Miocene Delmontian Stage		
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13198	late Miocene Delmontian Stage		
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13200	late Miocene Delmontian Stage		
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13206	late Miocene Delmontian Stage		
13207	late Miocene Delmontian Stage		
13208	late Miocene Delmontian Stage		
13209	late Miocene Delmontian Stage		
13210	late Miocene Delmontian Stage		
13211	late Miocene Delmontian Stage		
13212	late Miocene Delmontian Stage		
13213	late Miocene Delmontian Stage		
13214	late Miocene Delmontian Stage		
13215	late Miocene Delmontian Stage		
13216	late Miocene Delmontian Stage		
13217	late Miocene Delmontian Stage		
13218	late Miocene Delmontian Stage		
13219	late Miocene Delmontian Stage		
13220	late Miocene Delmontian Stage		
13221	late Miocene Delmontian Stage		
13222	late Miocene Delmontian Stage		
13223	late Miocene Delmontian Stage		
13224	late Miocene Delmontian Stage		
13225	late Miocene Delmontian Stage		
13226	late Miocene Delmontian Stage		
13227	late Miocene Delmontian Stage		
13228	late Miocene Delmontian Stage		
13229	late Miocene Delmontian Stage		
13230	late Miocene Delmontian Stage		
13231	late Miocene Delmontian Stage		
13232	late Miocene Delmontian Stage		
13233	late Miocene Delmontian Stage		
13234	Pliocene		
13235	Pliocene		
13236	Pliocene		
13237	Pliocene		
13238	Pliocene		
13239	Pliocene		
13240	Pliocene		
13241	Pliocene		
13242	Pliocene		
13243	Pliocene		
13244	Pliocene		
13245	Pliocene		
13246	Pliocene		
13247	Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
13248	Pliocene		
13249	Pliocene		
13250	Pliocene		
13251	Pliocene		
13252	Pliocene		
13253	Pliocene		
13254	Pliocene		
13255	Pliocene		
13256	middle Miocene Luisian Stage		
13257	middle Miocene Luisian Stage		
13258	middle Miocene Luisian Stage		
13259	middle Eocene		
13260	middle Miocene Luisian Stage		
13261	middle and late Miocene Mohnian Stage		
13262	Eocene		
13263	Eocene		
13264	Pliocene		
13265	Pliocene		
13266	Pliocene		
13267	Pliocene		
13268	Pliocene		
13269	Pliocene		
13270	Pliocene		
13271	Pliocene		
13272	Pliocene		
13273	Pliocene		
13274	Pliocene		
13275	Pliocene		
13276	Pliocene		
13277	Pliocene		
13278	Pliocene		
13279	Pliocene		
13280	Pliocene		
13281	late Miocene Delmontian Stage		
13282	late Miocene Delmontian Stage		
13283	late Miocene Delmontian Stage		
13284	late Miocene Delmontian Stage		
13285	late Miocene Delmontian Stage		
13286	late Miocene Delmontian Stage		
13287	late Miocene Delmontian Stage		
13288	late Miocene Delmontian Stage		
13289	late Miocene Delmontian Stage		
13290	late Miocene Delmontian Stage		
13291	late Miocene Delmontian Stage		
13292	late Miocene Delmontian Stage		
13293	late Miocene Delmontian Stage		
13294	late Miocene Delmontian Stage		
13295	late Miocene Delmontian Stage		
13296	late Miocene Delmontian Stage		
13297	late Miocene Delmontian Stage		
13298	late Miocene Delmontian Stage		
13299	late Miocene Delmontian Stage		
13300	late Miocene Delmontian Stage		
13301	late Miocene Delmontian Stage		
13302	late Miocene Delmontian Stage		
13303	late Miocene Delmontian Stage		
13304	late Miocene Delmontian Stage		
13305	late Miocene Delmontian Stage		
13306	late Miocene Delmontian Stage		
13307	late Miocene Delmontian Stage		
13308	late Miocene Delmontian Stage		
13309	late Miocene Delmontian Stage		
13310	late Miocene Delmontian Stage		
13311	late Miocene Delmontian Stage		
13312	late Miocene Delmontian Stage		
13313	late Miocene Delmontian Stage		
13314	late Miocene Delmontian Stage		
13315	late Miocene Delmontian Stage		
13316	late Miocene Delmontian Stage		
13317	Eocene		
13318	late Miocene Delmontian Stage		
13319	late Miocene Delmontian Stage		
13320	late Miocene Delmontian Stage		
13321	late Miocene Delmontian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
13322	late Miocene Delmontian Stage		
13323	late Miocene Delmontian Stage		
13324	late Miocene Delmontian Stage		
13325	late Miocene Delmontian Stage		
13326	late Miocene Delmontian Stage		
13327	late Miocene Delmontian Stage		
13328	late Miocene Delmontian Stage		
13329	late Miocene Delmontian Stage		
13330	late Miocene Delmontian Stage		
13331	Pliocene		
13332	Pliocene		
13333	Pliocene		
13334	Pliocene		
13335	Eocene		
13336	Eocene		
13337	Pliocene		
13338	Pliocene		
13339	Pliocene		
13340	Eocene		
13341	Eocene		
13342	Eocene		
13343	Pliocene		
13344	Pliocene		
13345	Pliocene		
13346	Pliocene		
13347	Pliocene		
13348	Pliocene		
13349	Pliocene		
13350	Pliocene		
13351	Pliocene		
13352	Pliocene		
13353	Pliocene		
13354	Pliocene		
13355	Pliocene		
13356	Pliocene		
13357	Pliocene		
13358	Pliocene		
13359	Pliocene		
13360	Pliocene		
13361	Pliocene		
13362	Pliocene		
13363	Pliocene		
13364	Pliocene		
13365	Pliocene		
13366	Pliocene		
13367	Pliocene		
13368	Pliocene		
13369	Pliocene		
13370	Pliocene		
13371	Pliocene		
13372	Pliocene		
13373	Pliocene		
13374	Pliocene		
13375	Pliocene		
13376	Pliocene		
13377	Pliocene		
13378	Pliocene		
13379	Pliocene		
13380	Pliocene		
13381	Eocene		
13382	Eocene		
13383	Late Cretaceous		
13384	Late Cretaceous		
13385	Eocene		
13386	Eocene		
13387	Eocene		
13388	late Eocene Refugian Stage		
13389	late Eocene Refugian Stage		
13390	Oligocene Zemorrian Stage		
13391	Oligocene Zemorrian Stage		
13392	early Miocene Relizian Stage		
13393	early Miocene Relizian Stage		
13394	middle and late Miocene Mohnian Stage		
13395	middle and late Miocene Mohnian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
13396	middle and late Miocene upper Mohnian Stage		
13397	middle and late Miocene upper Mohnian Stage		
13398	middle and late Miocene upper Mohnian Stage		
13399	middle and late Miocene upper Mohnian Stage		
13400	middle and late Miocene upper Mohnian Stage		
13401	middle and late Miocene upper Mohnian Stage		
13402	middle and late Miocene upper Mohnian Stage		
13403	middle and late Miocene upper Mohnian Stage		
13404	middle and late Miocene upper Mohnian Stage		
13405	middle and late Miocene upper Mohnian Stage		
13406	middle and late Miocene upper Mohnian Stage		
13407	middle and late Miocene upper Mohnian Stage		
13408	middle and late Miocene Mohnian Stage		
13409	middle and late Miocene Mohnian Stage		
13410	middle and late Miocene Mohnian Stage		
13411	middle and late Miocene Mohnian Stage		
13412	middle and late Miocene Mohnian Stage		
13413	middle and late Miocene Mohnian Stage		
13414	middle and late Miocene Mohnian Stage		
13415	middle and late Miocene Mohnian Stage		
13416	middle and late Miocene Mohnian Stage		
13417	middle and late Miocene Mohnian Stage		
13418	middle and late Miocene Mohnian Stage		
13419	late Miocene Delmontian Stage		
13420	late Miocene Delmontian Stage		
13421	late Miocene Delmontian Stage		
13422	late Miocene Delmontian Stage		
13423	late Miocene Delmontian Stage		
13424	late Miocene Delmontian Stage		
13425	late Miocene Delmontian Stage		
13426	late Miocene Delmontian Stage		
13427	late Miocene Delmontian Stage		
13428	late Miocene Delmontian Stage		
13429	late Miocene Delmontian Stage		
13430	late Miocene Delmontian Stage		
13431	late Miocene Delmontian Stage		
13432	late Miocene Delmontian Stage		
13433	late Miocene Delmontian Stage		
13434	late Miocene Delmontian Stage		
13435	late Miocene Delmontian Stage		
13436	late Miocene Delmontian Stage		
13437	late Miocene Delmontian Stage		
13438	late Miocene Delmontian Stage		
13439	late Miocene Delmontian Stage		
13440	late Miocene Delmontian Stage		
13441	late Miocene Delmontian Stage		
13442	late Miocene Delmontian Stage		
13443	late Miocene Delmontian Stage		
13444	late Miocene Delmontian Stage		
13445	late Miocene Delmontian Stage		
13446	late Miocene Delmontian Stage		
13447	late Miocene Delmontian Stage		
13448	late Miocene Delmontian Stage		
13449	late Miocene Delmontian Stage		
13450	late Miocene Delmontian Stage		
13451	late Miocene Delmontian Stage		
13452	late Miocene Delmontian Stage		
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13454	late Miocene Delmontian Stage		
13455	late Miocene Delmontian Stage		
13456	late Miocene Delmontian Stage		
13457	late Miocene Delmontian Stage		
13458	late Miocene Delmontian Stage		
13459	late Miocene Delmontian Stage		
13460	late Miocene Delmontian Stage		
13461	late Miocene Delmontian Stage		
13462	late Miocene Delmontian Stage		
13463	late Miocene Delmontian Stage		
13464	late Miocene Delmontian Stage		
13465	late Miocene Delmontian Stage		
13466	late Miocene Delmontian Stage		
13467	late Miocene Delmontian Stage		
13468	late Miocene Delmontian Stage		
13469	late Miocene Delmontian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
13470	late Miocene Delmontian Stage		
13471	late Miocene Delmontian Stage		
13472	late Miocene Delmontian Stage		
13473	late Miocene Delmontian Stage		
13474	middle and late Miocene Mohnian Stage		
13475	middle and late Miocene Mohnian Stage		
13476	middle and late Miocene Mohnian Stage		
13477	middle and late Miocene Mohnian Stage		
13478	middle and late Miocene Mohnian Stage		
13479	middle and late Miocene Mohnian Stage		
13480	middle and late Miocene Mohnian Stage		
13481	middle and late Miocene Mohnian Stage		
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13500	middle and late Miocene Mohnian Stage		
13501	middle and late Miocene Mohnian Stage		
13502	middle and late Miocene Mohnian Stage		
13503	middle and late Miocene Mohnian Stage		
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13543	middle and late Miocene Mohnian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
13544	middle and late Miocene Mohnian Stage		
13545	Late Cretaceous		
13546	middle and late Miocene Mohnian Stage		
13547	middle and late Miocene Mohnian Stage		
13548	middle and late Miocene Mohnian Stage		
13549	middle and late Miocene Mohnian Stage		
13550	middle and late Miocene Mohnian Stage		
13551	middle and late Miocene Mohnian Stage		
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13570	middle and late Miocene Mohnian Stage		
13571	middle and late Miocene Mohnian Stage		
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13573	middle and late Miocene Mohnian Stage		
13574	middle and late Miocene Mohnian Stage		
13575	middle and late Miocene Mohnian Stage		
13576	middle and late Miocene Mohnian Stage		
13577	middle and late Miocene Mohnian Stage		
13578	middle and late Miocene Mohnian Stage		
13579	middle and late Miocene Mohnian Stage		
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13586	middle and late Miocene Mohnian Stage		
13587	middle and late Miocene Mohnian Stage		
13588	middle and late Miocene Mohnian Stage		
13589	middle and late Miocene Mohnian Stage		
13590	middle and late Miocene Mohnian Stage		
13591	middle and late Miocene Mohnian Stage		
13592	middle and late Miocene Mohnian Stage		
13593	middle and late Miocene Mohnian Stage		
13594	middle and late Miocene Mohnian Stage		
13595	middle and late Miocene Mohnian Stage		
13596	middle and late Miocene Mohnian Stage		
13597	middle and late Miocene Mohnian Stage		
13598	middle and late Miocene Mohnian Stage		
13599	middle and late Miocene Mohnian Stage		
13600	middle and late Miocene Mohnian Stage		
13601	middle and late Miocene Mohnian Stage		
13602	middle and late Miocene Mohnian Stage		
13603	middle and late Miocene Mohnian Stage		
13604	middle and late Miocene Mohnian Stage		
13605	middle and late Miocene Mohnian Stage		
13606	middle and late Miocene Mohnian Stage		
13607	middle and late Miocene Mohnian Stage		
13608	middle and late Miocene Mohnian Stage		
13609	middle and late Miocene Mohnian Stage		
13610	middle and late Miocene Mohnian Stage		
13611	middle and late Miocene Mohnian Stage		
13612	middle and late Miocene Mohnian Stage		
13613	middle and late Miocene Mohnian Stage		
13614	middle and late Miocene Mohnian Stage		
13615	middle and late Miocene Mohnian Stage		
13616	middle and late Miocene Mohnian Stage		
13617	middle and late Miocene Mohnian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
13618	middle and late Miocene Mohnian Stage		
13619	middle and late Miocene Mohnian Stage		
13620	middle and late Miocene Mohnian Stage		
13621	middle and late Miocene Mohnian Stage		
13622	middle and late Miocene Mohnian Stage		
13623	middle and late Miocene Mohnian Stage		
13624	middle and late Miocene Mohnian Stage		
13625	middle and late Miocene Mohnian Stage		
13626	middle and late Miocene Mohnian Stage		
13627	Eocene		
13628	Late Cretaceous E Zone		
13629	Paleocene		
13630	Paleocene		
13631	Paleocene		
13632	Paleocene		
13633	Paleocene		
13634	Paleocene		
13635	Paleocene		
13636	Paleocene		
13637	Paleocene		
13638	Paleocene		
13639	Paleocene		
13640	Paleocene		
13641	Paleocene		
13642	Paleocene		
13643	Paleocene		
13644	Paleocene		
13645	Paleocene		
13646	Paleocene		
13647	Paleocene		
13648	Paleocene		
13649	Paleocene		
13650	Paleocene		
13651	Paleocene		
13652	Paleocene		
13653	Paleocene		
13654	Paleocene		
13655	Paleocene		
13656	Paleocene		
13657	Paleocene		
13658	Paleocene		
13659	Paleocene		
13660	Paleocene		
13661	Paleocene		
13662	Paleocene		
13663	Paleocene		
13664	Paleocene		
13665	Paleocene		
13666	Paleocene		
13667	Paleocene		
13668	Paleocene		
13669	Paleocene		
13670	Paleocene		
13671	Paleocene		
13672	Paleocene		
13673	Paleocene		
13674	Paleocene		
13675	Paleocene		
13676	Paleocene		
13677	Paleocene		
13678	Paleocene		
13679	Paleocene		
13680	Paleocene		
13681	Paleocene		
13682	Paleocene		
13683	Paleocene		
13684	Paleocene		
13685	Paleocene		
13686	Paleocene		
13687	Paleocene		
13688	Paleocene		
13689	Paleocene		
13690	Paleocene		
13691	Paleocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
13692	Paleocene		
13693	Paleocene		
13694	Paleocene		
13695	Paleocene		
13696	Paleocene		
13697	Paleocene		
13698	Paleocene		
13699	Paleocene		
13700	Paleocene		
13701	Paleocene		
13702	Paleocene		
13703	Paleocene		
13704	Paleocene		
13705	Paleocene		
13706	Paleocene		
13707	Paleocene		
13708	Paleocene		
13709	Paleocene		
13710	Paleocene		
13711	Paleocene		
13712	Paleocene		
13713	Paleocene		
13714	Paleocene		
13715	Paleocene		
13716	Paleocene		
13717	Eocene		
13718	Eocene		
13719	Eocene		
13720	Paleocene		
13721	Paleocene		
13722	Paleocene		
13723	early Eocene		
13724	early Eocene		
13725	early Eocene		
13726	early Eocene		
13727	Eocene		
13728	early Eocene		
13729	Eocene		
13730	early Eocene		
13731	early Eocene		
13732	early Eocene		
13733	early Eocene		
13734	early Eocene		
13735	early Eocene		
13736	Pliocene		
13737	middle Miocene		
13738	middle Miocene		
13739	middle Miocene		
13740	middle Miocene		
13741	middle Miocene		
13742	middle Miocene		
13743	middle Miocene		
13744	middle Miocene		
13745	middle Miocene		
13746	middle Miocene		
13747	middle Miocene		
13748	middle Miocene		
13749	middle Miocene		
13750	middle Miocene		
13751	middle Miocene		
13752	early Eocene		
13753	middle and late Miocene Mohnian Stage		
13754	middle and late Miocene Mohnian Stage		
13755	middle and late Miocene Mohnian Stage		
13756	middle and late Miocene Mohnian Stage		
13757	middle and late Miocene Mohnian Stage		
13758	middle and late Miocene Mohnian Stage		
13759	middle and late Miocene upper Mohnian Stage		
13760	middle and late Miocene upper Mohnian Stage		
13761	middle and late Miocene upper Mohnian Stage		
13762	middle and late Miocene upper Mohnian Stage		
13763	middle and late Miocene upper Mohnian Stage		
13764	middle and late Miocene upper Mohnian Stage		
13765	middle and late Miocene upper Mohnian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
13766	middle and late Miocene upper Mohnian Stage		
13767	middle and late Miocene upper Mohnian Stage		
13768	middle and late Miocene upper Mohnian Stage		
13769	middle and late Miocene upper Mohnian Stage		
13770	middle and late Miocene upper Mohnian Stage		
13771	middle and late Miocene upper Mohnian Stage		
13772	middle and late Miocene upper Mohnian Stage		
13773	middle and late Miocene upper Mohnian Stage		
13774	middle and late Miocene upper Mohnian Stage		
13775	middle and late Miocene upper Mohnian Stage		
13776	middle and late Miocene upper Mohnian Stage		
13777	middle and late Miocene upper Mohnian Stage		
13778	middle and late Miocene upper Mohnian Stage		
13779	middle and late Miocene upper Mohnian Stage		
13780	Pliocene		
13781	Pliocene		
13782	Pliocene		
13783	Pliocene		
13784	Pliocene		
13785	Pliocene		
13786	Pliocene		
13787	Pliocene		
13788	Pliocene		
13789	Pliocene		
13790	Pliocene		
13791	Pliocene		
13792	Pliocene		
13793	Pliocene		
13794	Pliocene		
13795	Pliocene		
13796	Pliocene		
13797	Pliocene		
13798	Pliocene		
13799	Pliocene		
13800	Pliocene		
13801	Pliocene		
13802	Pliocene		
13803	Pliocene		
13804	Pliocene		
13805	Pliocene		
13806	Pliocene		
13807	Pliocene		
13808	Pliocene		
13809	Pliocene		
13810	Pliocene		
13811	Pliocene		
13812	Pliocene		
13813	Pliocene		
13814	Pliocene		
13815	Pliocene		
13816	Pliocene		
13817	Pliocene		
13818	Pliocene		
13819	Pliocene		
13820	Pliocene		
13821	Pliocene		
13822	Pliocene		
13823	Pliocene		
13824	Pliocene		
13825	Pliocene		
13826	Pliocene		
13827	Pliocene		
13828	Pliocene		
13829	Pliocene		
13830	Pliocene		
13831	Pliocene		
13832	Pliocene		
13833	Pliocene		
13834	Pliocene		
13835	Pliocene		
13836	Pliocene		
13837	Pliocene		
13838	Pliocene		
13839	Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
13840	Pliocene		
13841	early Miocene Saucesian Stage		
13842	early Miocene Saucesian Stage		
13843	early Miocene Saucesian Stage		
13844	early Miocene Saucesian Stage		
13845	early Miocene Saucesian Stage		
13846	Oligocene Zemorrian Stage		
13847	Oligocene Zemorrian Stage		
13848	Oligocene Zemorrian Stage		
13849	Oligocene Zemorrian Stage		
13850	Oligocene Zemorrian Stage		
13851	Oligocene Zemorrian Stage		
13852	early Miocene Saucesian Stage		
13853	early Miocene Saucesian Stage		
13854	early Miocene Saucesian Stage		
13855	early Miocene Saucesian Stage		
13856	early Miocene Saucesian Stage		
13857	early Miocene Saucesian Stage		
13858	early Miocene Saucesian Stage		
13859	early Miocene Saucesian Stage		
13860	early Miocene Saucesian Stage		
13861	early Miocene Saucesian Stage		
13862	early Miocene Saucesian Stage		
13863	early Miocene Saucesian Stage		
13864	early Miocene Saucesian Stage		
13865	early Miocene Saucesian Stage		
13866	early Miocene Saucesian Stage		
13867	middle Miocene		
13868	early Miocene Saucesian Stage		
13869	early Miocene Saucesian Stage		
13870	early Miocene Saucesian Stage		
13871	early Miocene Saucesian Stage		
13872	early Miocene Saucesian Stage		
13873	early Miocene Saucesian Stage		
13874	early Miocene Saucesian Stage		
13875	early Miocene Saucesian Stage		
13876	middle Miocene		
13877	middle Miocene		
13878	middle Miocene		
13879	middle Miocene		
13880	middle Miocene		
13881	middle Miocene		
13882	middle Miocene		
13883	middle Miocene		
13884	middle Miocene		
13885	middle Miocene		
13886	late Paleocene E Zone		
13887	Eocene		
13888	Eocene		
13889	Eocene		
13890	Paleocene		
13891	Paleocene		
13892	Paleocene		
13893	Paleocene		
13894	Paleocene		
13895	Paleocene		
13896	Paleocene		
13897	Paleocene		
13898	Paleocene		
13899	Paleocene		
13900	Paleocene		
13901	Paleocene		
13902	Paleocene		
13903	Paleocene		
13904	Paleocene		
13905	Paleocene		
13906	Paleocene		
13907	Paleocene		
13908	Eocene		
13909	Eocene		
13910	Eocene		
13911	Eocene		
13912	early Miocene nonmarine		
13913	early Miocene nonmarine		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
13914	early Miocene nonmarine		
13915	early Miocene nonmarine		
13916	early Miocene nonmarine		
13917	early Miocene nonmarine		
13918	Oligocene or early Miocene		
13919	Oligocene or early Miocene		
13920	Oligocene or early Miocene		
13921	Oligocene or early Miocene		
13922	Oligocene or early Miocene		
13923	Oligocene or early Miocene		
13924	Oligocene or early Miocene		
13925	Oligocene or early Miocene		
13926	Oligocene or early Miocene		
13927	Oligocene or early Miocene		
13928	Oligocene or early Miocene		
13929	Oligocene or early Miocene		
13930	Oligocene or early Miocene		
13931	Oligocene or early Miocene		
13932	Oligocene or early Miocene		
13933	Oligocene or early Miocene		
13934	Oligocene or early Miocene		
13935	middle or late Miocene		
13936	middle or late Miocene		
13937	middle or late Miocene		
13938	middle or late Miocene		
13939	middle or late Miocene		
13940	middle or late Miocene		
13941	middle or late Miocene		
13942	middle or late Miocene		
13943	middle or late Miocene		
13944	middle or late Miocene		
13945	middle or late Miocene		
13946	early Miocene		
13947	Cretaceous and Tertiary		
13948	Paleocene, Eocene, and early Miocene		
13949	Late Cretaceous		
13950	Paleocene, Eocene, and Miocene		
13951	middle and late Miocene Mohnian Stage		
13952	middle and late Miocene Mohnian Stage		
13953	middle and late Miocene Mohnian Stage		
13954	middle and late Miocene Mohnian Stage		
13955	middle and late Miocene Mohnian Stage		
13956	middle and late Miocene Mohnian Stage		
13957	middle and late Miocene Mohnian Stage		
13958	middle and late Miocene Mohnian Stage		
13959	middle and late Miocene Mohnian Stage		
13960	middle and late Miocene Mohnian Stage		
13961	middle and late Miocene Mohnian Stage		
13962	middle and late Miocene Mohnian Stage		
13963	middle and late Miocene Mohnian Stage		
13964	middle and late Miocene Mohnian Stage		
13965	middle and late Miocene Mohnian Stage		
13966	middle and late Miocene Mohnian Stage		
13967	middle and late Miocene Mohnian Stage		
13968	middle and late Miocene Mohnian Stage		
13969	middle and late Miocene Mohnian Stage		
13970	middle and late Miocene Mohnian Stage		
13971	middle and late Miocene Mohnian Stage		
13972	middle and late Miocene Mohnian Stage		
13973	middle and late Miocene Mohnian Stage		
13974	middle and late Miocene Mohnian Stage		
13975	middle and late Miocene Mohnian Stage		
13976	middle and late Miocene Mohnian Stage		
13977	middle and late Miocene Mohnian Stage		
13978	middle and late Miocene Mohnian Stage		
13979	middle and late Miocene Mohnian Stage		
13980	middle and late Miocene Mohnian Stage		
13981	middle and late Miocene Mohnian Stage		
13982	middle and late Miocene Mohnian Stage		
13983	middle and late Miocene Mohnian Stage		
13984	middle and late Miocene Mohnian Stage		
13985	middle and late Miocene Mohnian Stage		
13986	middle and late Miocene Mohnian Stage		
13987	middle and late Miocene Mohnian Stage		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
13988	middle and late Miocene Mohnian Stage		
13989	middle and late Miocene Mohnian Stage		
13990	middle and late Miocene Mohnian Stage		
13991	middle Miocene Luisian Stage		
13992	middle Miocene Luisian Stage		
13993	middle Miocene Luisian Stage		
13994	middle Miocene Luisian Stage		
13995	middle Miocene Luisian Stage		
13996	middle Miocene Luisian Stage		
13997	middle and late Miocene lower Mohnian Stage		
13998	middle and late Miocene lower Mohnian Stage		
13999	middle and late Miocene lower Mohnian Stage		
14000	middle and late Miocene lower Mohnian Stage		
14001	middle and late Miocene lower Mohnian Stage		
14002	middle and late Miocene lower Mohnian Stage		
14003	middle and late Miocene lower Mohnian Stage		
14004	middle and late Miocene lower Mohnian Stage		
14005	middle and late Miocene lower Mohnian Stage		
14006	middle and late Miocene lower Mohnian Stage		
14007	middle and late Miocene lower Mohnian Stage		
14008	middle and late Miocene lower Mohnian Stage		
14009	middle and late Miocene lower Mohnian Stage		
14010	middle and late Miocene lower Mohnian Stage		
14011	middle and late Miocene lower Mohnian Stage		
14012	middle and late Miocene lower Mohnian Stage		
14013	middle and late Miocene lower Mohnian Stage		
14014	middle and late Miocene lower Mohnian Stage		
14015	middle and late Miocene lower Mohnian Stage		
14016	middle and late Miocene lower Mohnian Stage		
14017	middle and late Miocene lower Mohnian Stage		
14018	middle and late Miocene lower Mohnian Stage		
14019	middle and late Miocene lower Mohnian Stage		
14020	Early Cretaceous arenaceous foraminifers		
14021	Early Cretaceous arenaceous foraminifers		
14022	Early Cretaceous arenaceous foraminifers		
14023	Early Cretaceous arenaceous foraminifers		
14024	Early Cretaceous arenaceous foraminifers		
14025	Early Cretaceous arenaceous foraminifers		
14026	Early Cretaceous arenaceous foraminifers		
14027	Early Cretaceous arenaceous foraminifers		
14028	Early Cretaceous arenaceous foraminifers		
14029	Early Cretaceous L Zone		
14030	Early Cretaceous L Zone		
14031	Early Cretaceous L Zone		
14032	Early Cretaceous L Zone		
14033	Early Cretaceous L Zone		
14034	Early Cretaceous L Zone		
14035	Early Cretaceous L Zone		
14036	Early Cretaceous L Zone		
14037	Early Cretaceous L Zone		
14038	Early Cretaceous L Zone		
14039	Early Cretaceous L Zone		
14040	Early Cretaceous L Zone		
14041	Early Cretaceous L Zone		
14042	Early Cretaceous L Zone		
14043	Early Cretaceous L Zone		
14044	Early Cretaceous L Zone		
14045	Early Cretaceous L Zone		
14046	Early Cretaceous L Zone		
14047	Early Cretaceous L Zone		
14048	Early Cretaceous L Zone		
14049	Early Cretaceous L Zone		
14050	Early Cretaceous L Zone		
14051	Early Cretaceous L Zone		
14052	Early Cretaceous L Zone		
14053	Early Cretaceous L Zone		
14054	Early Cretaceous L Zone		
14055	Early Cretaceous L Zone		
14056	Early Cretaceous L Zone		
14057	Early Cretaceous L Zone		
14058	Early Cretaceous L Zone		
14059	Early Cretaceous L Zone		
14060	Early Cretaceous L Zone		
14061	Early Cretaceous L Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
14062	Early Cretaceous L Zone		
14063	Early Cretaceous L Zone		
14064	Early Cretaceous L Zone		
14065	Early Cretaceous L Zone		
14066	Early Cretaceous L Zone		
14067	Early Cretaceous L Zone		
14068	Late Jurassic M Zone		
14069	Late Jurassic M Zone		
14070	Late Jurassic M Zone		
14071	Early Cretaceous arenaceous foraminifers		
14072	Early Cretaceous arenaceous foraminifers		
14073	Early Cretaceous arenaceous foraminifers		
14074	Early Cretaceous arenaceous foraminifers		
14075	Early Cretaceous arenaceous foraminifers		
14076	Early Cretaceous arenaceous foraminifers		
14077	Early Cretaceous arenaceous foraminifers		
14078	Early Cretaceous arenaceous foraminifers		
14079	Early Cretaceous arenaceous foraminifers		
14080	Early Cretaceous arenaceous foraminifers		
14081	Early Cretaceous arenaceous foraminifers		
14082	Early Cretaceous arenaceous foraminifers		
14083	Early Cretaceous arenaceous foraminifers		
14084	Early Cretaceous arenaceous foraminifers		
14085	Early Cretaceous arenaceous foraminifers		
14086	Early Cretaceous arenaceous foraminifers		
14087	Early Cretaceous arenaceous foraminifers		
14088	Early Cretaceous arenaceous foraminifers		
14089	Early Cretaceous arenaceous foraminifers		
14090	Early Cretaceous arenaceous foraminifers		
14091	Early Cretaceous arenaceous foraminifers		
14092	Early Cretaceous arenaceous foraminifers		
14093	Early Cretaceous arenaceous foraminifers		
14094	Early Cretaceous arenaceous foraminifers		
14095	Early Cretaceous arenaceous foraminifers		
14096	Early Cretaceous arenaceous foraminifers		
14097	Early Cretaceous arenaceous foraminifers		
14098	Early Cretaceous arenaceous foraminifers		
14099	Early Cretaceous arenaceous foraminifers		
14100	Early Cretaceous arenaceous foraminifers		
14101	Early Cretaceous arenaceous foraminifers		
14102	Early Cretaceous arenaceous foraminifers		
14103	Early Cretaceous arenaceous foraminifers		
14104	Early Cretaceous arenaceous foraminifers		
14105	Early Cretaceous arenaceous foraminifers		
14106	Early Cretaceous arenaceous foraminifers		
14107	Early Cretaceous arenaceous foraminifers		
14108	Early Cretaceous arenaceous foraminifers		
14109	Early Cretaceous arenaceous foraminifers		
14110	Early Cretaceous arenaceous foraminifers		
14111	Early Cretaceous arenaceous foraminifers		
14112	Early Cretaceous arenaceous foraminifers		
14113	Early Cretaceous arenaceous foraminifers		
14114	Early Cretaceous arenaceous foraminifers		
14115	Early Cretaceous arenaceous foraminifers		
14116	Early Cretaceous arenaceous foraminifers		
14117	Early Cretaceous arenaceous foraminifers		
14118	Early Cretaceous arenaceous foraminifers		
14119	Early Cretaceous arenaceous foraminifers		
14120	Early Cretaceous arenaceous foraminifers		
14121	Early Cretaceous arenaceous foraminifers		
14122	Early Cretaceous arenaceous foraminifers		
14123	Early Cretaceous arenaceous foraminifers		
14124	Early Cretaceous arenaceous foraminifers		
14125	Late Jurassic M Zone		
14126	Late Jurassic M Zone		
14127	Late Jurassic M Zone		
14128	Late Jurassic M Zone		
14129	Late Jurassic M Zone		
14130	Late Jurassic M Zone		
14131	Late Jurassic M Zone		
14132	Late Jurassic M Zone		
14133	Late Jurassic M Zone		
14134	Late Jurassic M Zone		
14135	Late Jurassic M Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
14136	Late Jurassic M Zone		
14137	Late Jurassic M Zone		
14138	Late Jurassic M Zone		
14139	Late Jurassic M Zone		
14140	Late Jurassic M Zone		
14141	Late Jurassic M Zone		
14142	Late Jurassic M Zone		
14143	Late Jurassic M Zone		
14144	Late Jurassic M Zone		
14145	Late Jurassic M Zone		
14146	Late Jurassic M Zone		
14147	Late Jurassic M Zone		
14148	Late Jurassic M Zone		
14149	Late Jurassic M Zone		
14150	Late Jurassic M Zone		
14151	Late Jurassic M Zone		
14152	Late Jurassic M Zone		
14153	Late Jurassic M Zone		
14154	Late Jurassic M Zone		
14155	Late Jurassic M Zone		
14156	Late Jurassic M Zone		
14157	Late Jurassic M Zone		
14158	Late Jurassic M Zone		
14159	Late Jurassic M Zone		
14160	Late Jurassic M Zone		
14161	Late Jurassic M Zone		
14162	Late Jurassic M Zone		
14163	Late Jurassic M Zone		
14164	Late Jurassic M Zone		
14165	Late Jurassic M Zone		
14166	Late Jurassic M Zone		
14167	Late Jurassic M Zone		
14168	Late Jurassic M Zone		
14169	Late Jurassic M Zone		
14170	Late Jurassic M Zone		
14171	Late Jurassic M Zone		
14172	Late Jurassic M Zone		
14173	Late Jurassic M Zone		
14174	Early Cretaceous L Zone		
14175	Early Cretaceous L Zone		
14176	Early Cretaceous L Zone		
14177	Early Cretaceous L Zone		
14178	Early Cretaceous L Zone		
14179	Early Cretaceous L Zone		
14180	Early Cretaceous L Zone		
14181	Early Cretaceous L Zone		
14182	Early Cretaceous L Zone		
14183	Early Cretaceous L Zone		
14184	Early Cretaceous L Zone		
14185	Early Cretaceous L Zone		
14186	Early Cretaceous L Zone		
14187	Early Cretaceous L Zone		
14188	Early Cretaceous L Zone		
14189	Early Cretaceous L Zone		
14190	Early Cretaceous L Zone		
14191	Early Cretaceous L Zone		
14192	Early Cretaceous L Zone		
14193	Early Cretaceous L Zone		
14194	Early Cretaceous K Zone		
14195	Early Cretaceous K Zone		
14196	Early Cretaceous K Zone		
14197	Early Cretaceous K Zone		
14198	Early Cretaceous K Zone		
14199	Early Cretaceous K Zone		
14200	Early Cretaceous K Zone		
14201	Early Cretaceous K Zone		
14202	Early Cretaceous K Zone		
14203	Early Cretaceous K Zone		
14204	Early Cretaceous K Zone		
14205	Early Cretaceous K Zone		
14206	Early Cretaceous K Zone		
14207	Early Cretaceous K Zone		
14208	Early Cretaceous K Zone		
14209	Early Cretaceous K Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
14210	Early Cretaceous K Zone		
14211	Early Cretaceous K Zone		
14212	Early Cretaceous K Zone		
14213	Early Cretaceous K Zone		
14214	Early Cretaceous J-2 Zone		
14215	Early Cretaceous J-2 Zone		
14216	Early Cretaceous J-2 Zone		
14217	Early Cretaceous J-2 Zone		
14218	Early Cretaceous J-2 Zone		
14219	Early Cretaceous J-2 Zone		
14220	Early Cretaceous J-2 Zone		
14221	Early Cretaceous J-2 Zone		
14222	Early Cretaceous J-2 Zone		
14223	Early Cretaceous J-2 Zone		
14224	Early Cretaceous J-2 Zone		
14225	Early Cretaceous J-2 Zone		
14226	Early Cretaceous J-2 Zone		
14227	Early Cretaceous J-2 Zone		
14228	Early Cretaceous J-2 Zone		
14229	Early Cretaceous J-2 Zone		
14230	Early Cretaceous J-2 Zone		
14231	Early Cretaceous J-2 Zone		
14232	Early Cretaceous J-2 Zone		
14233	Early Cretaceous J-2 Zone		
14234	Early Cretaceous J-2 Zone		
14235	Early Cretaceous J-2 Zone		
14236	Early Cretaceous J-2 Zone		
14237	Early Cretaceous J-2 Zone		
14238	Early Cretaceous J-2 Zone		
14239	Early Cretaceous J-2 Zone		
14240	Early Cretaceous J-2 Zone		
14241	Early Cretaceous J-2 Zone		
14242	Early Cretaceous J-2 Zone		
14243	Early Cretaceous J-2 Zone		
14244	Early Cretaceous J-2 Zone		
14245	Early Cretaceous J-2 Zone		
14246	Early Cretaceous J-2 Zone		
14247	Early Cretaceous J-2 Zone		
14248	Early Cretaceous J-2 Zone		
14249	Early Cretaceous J-2 Zone		
14250	Early Cretaceous J-2 Zone		
14251	Early Cretaceous J-2 Zone		
14252	Early Cretaceous J-2 Zone		
14253	Early Cretaceous J-2 Zone		
14254	Early Cretaceous J-2 Zone		
14255	Early Cretaceous J-2 Zone		
14256	Early Cretaceous J-2 Zone		
14257	Early Cretaceous J-1 Zone		
14258	Early Cretaceous J-1 Zone		
14259	Early Cretaceous J-1 Zone		
14260	Early Cretaceous J-1 Zone		
14261	Early Cretaceous J-1 Zone		
14262	Early Cretaceous J-1 Zone		
14263	Early Cretaceous J-1 Zone		
14264	Early Cretaceous J-1 Zone		
14265	Early Cretaceous J-1 Zone		
14266	Early Cretaceous J-1 Zone		
14267	Early Cretaceous J-1 Zone		
14268	middle and late Miocene upper Mohnian Stage		
14269	Pliocene		
14270	middle and late Miocene upper Mohnian Stage		
14271	middle and late Miocene upper Mohnian Stage		
14272	middle and late Miocene upper Mohnian Stage		
14273	middle and late Miocene upper Mohnian Stage		
14274	middle and late Miocene upper Mohnian Stage		
14275	middle and late Miocene upper Mohnian Stage		
14276	middle and late Miocene upper Mohnian Stage		
14277	middle and late Miocene upper Mohnian Stage		
14278	middle and late Miocene upper Mohnian Stage		
14279	middle and late Miocene upper Mohnian Stage		
14280	middle and late Miocene upper Mohnian Stage		
14281	middle and late Miocene upper Mohnian Stage		
14282	middle and late Miocene upper Mohnian Stage		
14283	middle and late Miocene upper Mohnian Stage		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
14284	middle and late Miocene upper Mohnian Stage		
14285	middle and late Miocene upper Mohnian Stage		
14286	middle and late Miocene upper Mohnian Stage		
14287	middle and late Miocene Mohnian Stage		
14288	middle and late Miocene Mohnian Stage		
14289	middle and late Miocene Mohnian Stage		
14290	middle and late Miocene Mohnian Stage		
14291	middle and late Miocene Mohnian Stage		
14292	middle and late Miocene Mohnian Stage		
14293	middle and late Miocene Mohnian Stage		
14294	middle and late Miocene Mohnian Stage		
14295	middle and late Miocene Mohnian Stage		
14296	middle and late Miocene Mohnian Stage		
14297	middle and late Miocene Mohnian Stage		
14298	middle and late Miocene Mohnian Stage		
14299	middle and late Miocene Mohnian Stage		
14300	middle and late Miocene Mohnian Stage		
14301	middle and late Miocene Mohnian Stage		
14302	middle and late Miocene Mohnian Stage		
14303	middle and late Miocene Mohnian Stage		
14304	middle and late Miocene Mohnian Stage		
14305	middle and late Miocene Mohnian Stage		
14306	middle and late Miocene Mohnian Stage		
14307	Late Cretaceous I Zone		
14308	Late Cretaceous I Zone		
14309	Late Cretaceous I Zone		
14310	Late Cretaceous I Zone		
14311	Late Cretaceous I Zone		
14312	Late Cretaceous I Zone		
14313	Late Cretaceous I Zone		
14314	Late Cretaceous I Zone		
14315	Late Cretaceous I Zone		
14316	Late Cretaceous H Zone		
14317	Late Cretaceous H Zone		
14318	Late Cretaceous H Zone		
14319	Late Cretaceous H Zone		
14320	Late Cretaceous G-2 Zone		
14321	Late Cretaceous G-2 Zone		
14322	Late Cretaceous G-2 Zone		
14323	Late Cretaceous G-2 Zone		
14324	Late Cretaceous G-2 Zone		
14325	Late Cretaceous G-1 Zone		
14326	Late Cretaceous G-1 Zone		
14327	Late Cretaceous F-2 Zone		
14328	Late Cretaceous F-2 Zone		
14329	Late Cretaceous F-2 Zone		
14330	Late Cretaceous F-2 Zone		
14331	Late Cretaceous F-1 Zone		
14332	Late Cretaceous F-1 Zone		
14333	Late Cretaceous F-1 Zone		
14334	Late Cretaceous F-1 Zone		
14335	Late Cretaceous F-1 Zone		
14336	Late Cretaceous F-1 Zone		
14337	Late Cretaceous F-1 Zone		
14338	Late Cretaceous F-1 Zone		
14339	Late Cretaceous F-1 Zone		
14340	Late Cretaceous F-1 Zone		
14341	middle and late Miocene Mohnian Stage		
14342	Early Cretaceous J-1 Zone		
14343	Early Cretaceous J-1 Zone		
14344	Early Cretaceous J-1 Zone		
14345	Early Cretaceous J-1 Zone		
14346	Early Cretaceous J-1 Zone		
14347	Early Cretaceous J-1 Zone		
14348	middle and late Miocene Mohnian Stage		
14349	Late Cretaceous I or J Zone		
14350	Late Cretaceous I or J Zone		
14351	Late Cretaceous I or J Zone		
14352	Late Cretaceous I or J Zone		
14353	Late Cretaceous I or J Zone		
14354	Late Cretaceous I or J Zone		
14355	Late Cretaceous I or J Zone		
14356	Late Cretaceous I or J Zone		
14357	Late Cretaceous I or J Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
14358	Late Cretaceous I or J Zone		
14359	Late Cretaceous I or J Zone		
14360	Late Cretaceous I or J Zone		
14361	Late Cretaceous I or J Zone		
14362	Late Cretaceous I or J Zone		
14363	Late Cretaceous I or J Zone		
14364	Late Cretaceous I or J Zone		
14365	Late Cretaceous I or J Zone		
14366	Late Cretaceous I or J Zone		
14367	Late Cretaceous I or J Zone		
14368	Late Cretaceous I or J Zone		
14369	Early Cretaceous J-2 Zone		
14370	Early Cretaceous J-2 Zone		
14371	Early Cretaceous J-2 Zone		
14372	Early Cretaceous J-2 Zone		
14373	Early Cretaceous J-2 Zone		
14374	Early Cretaceous J-2 Zone		
14375	Early Cretaceous J-2 Zone		
14376	Early Cretaceous J-2 Zone		
14377	Early Cretaceous J-2 Zone		
14378	Early Cretaceous J-2 Zone		
14379	Early Cretaceous J-2 Zone		
14380	Early Cretaceous J-2 Zone		
14381	Early Cretaceous J-2 Zone		
14382	Early Cretaceous J-2 Zone		
14383	Early Cretaceous J-2 Zone		
14384	Early Cretaceous J-2 Zone		
14385	Early Cretaceous J-2 Zone		
14386	Early Cretaceous J-2 Zone		
14387	Early Cretaceous J-2 Zone		
14388	Early Cretaceous J-2 Zone		
14389	Early Cretaceous J-2 Zone		
14390	Early Cretaceous L Zone		
14391	Early Cretaceous L Zone		
14392	Early Cretaceous L Zone		
14393	Early Cretaceous L Zone		
14394	Early Cretaceous L Zone		
14395	Early Cretaceous L Zone		
14396	Early Cretaceous L Zone		
14397	Early Cretaceous L Zone		
14398	Early Cretaceous L Zone		
14399	Early Cretaceous L Zone		
14400	Early Cretaceous L Zone		
14401	Early Cretaceous L Zone		
14402	Early Cretaceous L Zone		
14403	Early Cretaceous L Zone		
14404	Early Cretaceous L Zone		
14405	Early Cretaceous L Zone		
14406	Late Cretaceous G-2 Zone		
14407	Late Cretaceous G-2 Zone		
14408	Late Cretaceous G-2 Zone		
14409	Late Cretaceous G-2 Zone		
14410	Late Cretaceous G-2 Zone		
14411	Late Cretaceous G or H Zone		
14412	Late Cretaceous H Zone		
14413	Late Cretaceous H Zone		
14414	Late Cretaceous H Zone		
14415	Late Cretaceous H Zone		
14416	Late Cretaceous H Zone		
14417	Late Cretaceous H Zone		
14418	Late Cretaceous H Zone		
14419	Late Cretaceous H Zone		
14420	Late Cretaceous H Zone		
14421	Late Cretaceous H Zone		
14422	Late Cretaceous H Zone		
14423	Late Cretaceous H Zone		
14424	Late Cretaceous H Zone		
14425	Late Cretaceous H Zone		
14426	Late Cretaceous H Zone		
14427	Late Cretaceous H Zone		
14428	Late Cretaceous H Zone		
14429	Late Cretaceous H Zone		
14430	Late Cretaceous H Zone		
14431	Late Cretaceous H Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
14432	Late Cretaceous H Zone		
14433	Late Cretaceous H Zone		
14434	Late Cretaceous H Zone		
14435	Late Cretaceous H Zone		
14436	Late Cretaceous H Zone		
14437	Late Cretaceous H Zone		
14438	Late Cretaceous H Zone		
14439	Late Cretaceous H Zone		
14440	Late Cretaceous H Zone		
14441	Late Cretaceous H Zone		
14442	Late Cretaceous H Zone		
14443	Late Cretaceous H Zone		
14444	Late Cretaceous H Zone		
14445	Late Cretaceous H Zone		
14446	Late Cretaceous H Zone		
14447	Late Cretaceous H Zone		
14448	Late Cretaceous H Zone		
14449	Late Cretaceous H Zone		
14450	Late Cretaceous H Zone		
14451	Late Cretaceous H Zone		
14452	Late Cretaceous H Zone		
14453	Late Cretaceous H Zone		
14454	Late Cretaceous H Zone		
14455	Late Cretaceous H Zone		
14456	Late Cretaceous H Zone		
14457	Late Cretaceous I Zone		
14458	Late Cretaceous I Zone		
14459	Late Cretaceous I Zone		
14460	Late Cretaceous I or J Zone		
14461	Early Cretaceous L Zone		
14462	Early Cretaceous K Zone		
14463	middle and late Miocene lower Mohnian Stage		
14464	middle and late Miocene lower Mohnian Stage		
14465	middle and late Miocene lower Mohnian Stage		
14466	middle and late Miocene lower Mohnian Stage		
14467	Late Cretaceous H Zone		
14468	Late Cretaceous H Zone		
14469	Late Cretaceous H Zone		
14470	Late Cretaceous H Zone		
14471	Late Cretaceous H Zone		
14472	Late Cretaceous H Zone		
14473	Late Cretaceous H Zone		
14474	Late Cretaceous H Zone		
14475	Late Cretaceous H Zone		
14476	Late Cretaceous H or I Zone		
14477	Late Cretaceous H or I Zone		
14478	Late Cretaceous H or I Zone		
14479	Late Cretaceous I Zone		
14480	Late Cretaceous I Zone		
14481	Late Cretaceous I Zone		
14482	Late Cretaceous I Zone		
14483	Early Cretaceous J-1 Zone		
14484	Early Cretaceous J-1 Zone		
14485	Early Cretaceous J-1 Zone		
14486	Early Cretaceous J-1 Zone		
14487	Early Cretaceous J-1 Zone		
14488	Early Cretaceous J-1 Zone		
14489	Early Cretaceous J-1 Zone		
14490	Early Cretaceous J-1 Zone		
14491	Early Cretaceous J-1 Zone		
14492	Early Cretaceous J-1 Zone		
14493	Early Cretaceous J-1 Zone		
14494	Early Cretaceous J-1 Zone		
14495	Early Cretaceous J-2 Zone		
14496	Early Cretaceous J-2 Zone		
14497	Early Cretaceous J-2 Zone		
14498	Early Cretaceous J-2 Zone		
14499	Early Cretaceous J-2 Zone		
14500	Early Cretaceous J-2 Zone		
14501	Early Cretaceous J-2 Zone		
14502	Early Cretaceous J-2 Zone		
14503	Early Cretaceous J-2 Zone		
14504	Early Cretaceous J-2 Zone		
14505	Early Cretaceous J-2 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
14506	Early Cretaceous J-2 Zone		
14507	Early Cretaceous J-2 Zone		
14508	Early Cretaceous J-2 Zone		
14509	Early Cretaceous J-2 Zone		
14510	middle and late Miocene Mohnian Stage		
14511	Late Jurassic M Zone		
14512	Late Jurassic M Zone		
14513	Late Jurassic M Zone		
14514	Late Jurassic M Zone		
14515	Late Jurassic M Zone		
14516	Late Jurassic M Zone		
14517	Late Jurassic M Zone		
14518	Late Jurassic M Zone		
14519	Late Jurassic M Zone		
14520	Late Jurassic M Zone		
14521	Late Jurassic M Zone		
14522	Late Jurassic M Zone		
14523	Late Jurassic M Zone		
14524	Late Jurassic M Zone		
14525	Late Jurassic M Zone		
14526	Late Jurassic M Zone		
14527	Late Jurassic M Zone		
14528	Late Jurassic M Zone		
14529	Late Jurassic M Zone		
14530	Late Jurassic M Zone		
14531	Late Jurassic M Zone		
14532	Late Jurassic M Zone		
14533	Late Jurassic M Zone		
14534	Early Cretaceous L Zone		
14535	Early Cretaceous L Zone		
14536	Early Cretaceous L Zone		
14537	Early Cretaceous L Zone		
14538	Early Cretaceous L Zone		
14539	Early Cretaceous L Zone		
14540	Early Cretaceous L Zone		
14541	Early Cretaceous L Zone		
14542	Early Cretaceous L Zone		
14543	Early Cretaceous L Zone		
14544	Early Cretaceous L Zone		
14545	Early Cretaceous L Zone		
14546	Early Cretaceous L Zone		
14547	Early Cretaceous L Zone		
14548	Early Cretaceous L Zone		
14549	Early Cretaceous L Zone		
14550	Early Cretaceous L Zone		
14551	Early Cretaceous L Zone		
14552	Early Cretaceous L Zone		
14553	Early Cretaceous L Zone		
14554	Early Cretaceous K Zone		
14555	Early Cretaceous K Zone		
14556	Early Cretaceous K Zone		
14557	Early Cretaceous K Zone		
14558	Early Cretaceous K Zone		
14559	Early Cretaceous K Zone		
14560	Early Cretaceous K Zone		
14561	Early Cretaceous K Zone		
14562	Early Cretaceous K Zone		
14563	Early Cretaceous K Zone		
14564	Early Cretaceous K Zone		
14565	Early Cretaceous J-2 Zone		
14566	Early Cretaceous J-2 Zone		
14567	Early Cretaceous J-2 Zone		
14568	Early Cretaceous J-2 Zone		
14569	Early Cretaceous J-2 Zone		
14570	Early Cretaceous J-2 Zone		
14571	Early Cretaceous J-2 Zone		
14572	Early Cretaceous J-2 Zone		
14573	Early Cretaceous J-2 Zone		
14574	Early Cretaceous J-2 Zone		
14575	Early Cretaceous J-2 Zone		
14576	Early Cretaceous J-2 Zone		
14577	Early Cretaceous J-2 Zone		
14578	Early Cretaceous J-2 Zone		
14579	Early Cretaceous J-2 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
14580	Early Cretaceous J-1 Zone		
14581	Early Cretaceous J-1 Zone		
14582	Early Cretaceous J-1 Zone		
14583	Early Cretaceous J-1 Zone		
14584	Late Cretaceous G-1 Zone		
14585	Late Cretaceous F-2 Zone		
14586	Late Cretaceous F-2 Zone		
14587	Late Cretaceous F-2 Zone		
14588	middle and late Miocene Mohnian Stage		
14589	middle and late Miocene Mohnian Stage		
14590	middle and late Miocene Mohnian Stage		
14591	middle and late Miocene Mohnian Stage		
14592	middle and late Miocene Mohnian Stage		
14593	middle and late Miocene Mohnian Stage		
14594	middle and late Miocene Mohnian Stage		
14595	middle and late Miocene Mohnian Stage		
14596	middle and late Miocene Mohnian Stage		
14597	middle and late Miocene Mohnian Stage		
14598	middle and late Miocene Mohnian Stage		
14599	middle and late Miocene Mohnian Stage		
14600	middle and late Miocene Mohnian Stage		
14601	middle and late Miocene Mohnian Stage		
14602	middle and late Miocene Mohnian Stage		
14603	middle and late Miocene Mohnian Stage		
14604	middle and late Miocene Mohnian Stage		
14605	middle and late Miocene Mohnian Stage		
14606	probably Eocene		
14607	Late Cretaceous Senonian Stage		
14608	Late Cretaceous Senonian Stage		
14609	Late Cretaceous Senonian Stage, F-1 Zone		
14610	Late Cretaceous F-2 Zone		
14611	middle and late Miocene Mohnian Stage		
14612	middle and late Miocene Mohnian Stage		
14613	middle and late Miocene Mohnian Stage		
14614	middle and late Miocene Mohnian Stage		
14615	middle and late Miocene Mohnian Stage		
14616	middle and late Miocene Mohnian Stage		
14617	middle and late Miocene Mohnian Stage		
14618	Pliocene		
14619	Pliocene		
14620	Pliocene		
14621	Pliocene		
14622	Pliocene		
14623	Pliocene		
14624	Late Cretaceous J-1 Zone		
14625	Eocene		
14626	Eocene		
14627	Eocene		
14628	late Miocene Delmontian Stage		
14629	late Miocene Delmontian Stage		
14630	late Miocene Delmontian Stage		
14631	late Miocene Delmontian Stage		
14632	late Miocene Delmontian Stage		
14633	late Miocene		
14634	late Miocene		
14635	late Miocene		
14636	late Miocene		
14637	late Miocene		
14638	late Miocene		
14639	late Miocene		
14640	late Miocene		
14641	late Miocene		
14642	late Miocene		
14643	late Miocene		
14644	late Miocene		
14645	late Miocene		
14646	late Miocene		
14647	late Miocene		
14648	late Miocene		
14649	late Miocene		
14650	late Miocene		
14651	late Miocene		
14652	late Miocene		
14653	late Miocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
14654	late Miocene		
14655	late Miocene		
14656	late Miocene		
14657	late Miocene		
14658	late Miocene		
14659	late Miocene		
14660	late Miocene		
14661	late Miocene		
14662	late Miocene		
14663	late Miocene		
14664	late Miocene		
14665	late Miocene		
14666	late Miocene		
14667	late Miocene		
14668	late Miocene		
14669	late Miocene		
14670	late Miocene		
14671	late Miocene		
14672	late Miocene		
14673	late Miocene		
14674	late Miocene		
14675	late Miocene		
14676	late Miocene		
14677	late Miocene		
14678	late Miocene		
14679	late Miocene		
14680	late Miocene		
14681	late Miocene		
14682	late Miocene		
14683	late Miocene		
14684	late Miocene		
14685	late Miocene		
14686	late Miocene		
14687	late Miocene		
14688	late Miocene		
14689	late Miocene		
14690	late Miocene		
14691	late Miocene		
14692	late Miocene		
14693	late Miocene		
14694	late Miocene		
14695	late Miocene		
14696	late Miocene		
14697	late Miocene		
14698	late Miocene		
14699	late Miocene		
14700	late Miocene		
14701	late Miocene		
14702	late Miocene		
14703	late Miocene		
14704	late Miocene		
14705	late Miocene		
14706	late Miocene		
14707	late Miocene		
14708	late Miocene		
14709	late Miocene		
14710	late Miocene		
14711	late Miocene		
14712	late Miocene		
14713	late Miocene		
14714	late Miocene		
14715	late Miocene		
14716	late Miocene		
14717	late Miocene		
14718	late Miocene		
14719	late Miocene		
14720	late Miocene		
14721	late Miocene		
14722	late Miocene		
14723	late Miocene		
14724	late Miocene		
14725	late Miocene		
14726	late Miocene		
14727	late Miocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
14728	late Miocene		
14729	late Miocene		
14730	late Miocene		
14731	late Miocene		
14732	late Miocene		
14733	late Miocene		
14734	late Miocene		
14735	late Miocene		
14736	late Miocene		
14737	late Miocene		
14738	late Miocene		
14739	late Miocene		
14740	late Miocene		
14741	late Miocene		
14742	late Miocene		
14743	late Miocene		
14744	late Miocene		
14745	late Miocene		
14746	late Miocene		
14747	late Miocene		
14748	late Miocene		
14749	late Miocene		
14750	late Miocene		
14751	late Miocene		
14752	late Miocene		
14753	late Miocene		
14754	late Miocene		
14755	late Miocene		
14756	late Miocene		
14757	late Miocene		
14758	late Miocene		
14759	late Miocene		
14760	late Miocene		
14761	late Miocene		
14762	late Miocene		
14763	late Miocene		
14764	late Miocene		
14765	late Miocene		
14766	late Miocene		
14767	late Miocene		
14768	late Miocene		
14769	late Miocene		
14770	late Miocene		
14771	late Miocene		
14772	late Miocene		
14773	late Miocene		
14774	late Miocene		
14775	late Miocene		
14776	late Miocene		
14777	late Miocene		
14778	late Miocene		
14779	late Miocene		
14780	late Miocene		
14781	late Miocene		
14782	late Miocene		
14783	late Miocene		
14784	late Miocene		
14785	late Miocene		
14786	late Miocene		
14787	late Miocene		
14788	late Miocene		
14789	late Miocene		
14790	late Miocene		
14791	late Miocene		
14792	late Miocene		
14793	late Miocene		
14794	late Miocene		
14795	late Miocene		
14796	late Miocene		
14797	late Miocene		
14798	late Miocene		
14799	late Miocene		
14800	late Miocene		
14801	late Miocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
14802	late Miocene		
14803	late Miocene		
14804	late Miocene		
14805	late Miocene		
14806	late Miocene		
14807	late Miocene		
14808	late Miocene		
14809	late Miocene		
14810	late Miocene		
14811	early or middle Eocene		
14812	early or middle Eocene		
14813	early or middle Eocene		
14814	early or middle Eocene		
14815	late Eocene upper Narizian Stage (A-1 Zone)		
14816	Oligocene lower Zemorrian Stage		
14817	Oligocene lower Zemorrian Stage		
14818	Oligocene lower Zemorrian Stage		
14819	Oligocene lower Zemorrian Stage		
14820	Oligocene lower Zemorrian Stage		
14821	Oligocene lower Zemorrian Stage		
14822	Oligocene lower Zemorrian Stage		
14823	Oligocene lower Zemorrian Stage		
14824	Oligocene lower Zemorrian Stage		
14825	Oligocene lower Zemorrian Stage		
14826	Oligocene lower Zemorrian Stage		
14827	Oligocene lower Zemorrian Stage		
14828	Oligocene lower Zemorrian Stage		
14829	Oligocene lower Zemorrian Stage		
14830	Oligocene lower Zemorrian Stage		
14831	Oligocene lower Zemorrian Stage		
14832	Oligocene lower Zemorrian Stage		
14833	Oligocene lower Zemorrian Stage		
14834	Oligocene lower Zemorrian Stage		
14835	Oligocene lower Zemorrian Stage		
14836	Oligocene lower Zemorrian Stage		
14837	Oligocene lower Zemorrian Stage		
14838	Oligocene lower Zemorrian Stage		
14839	Oligocene lower Zemorrian Stage		
14840	Oligocene lower Zemorrian Stage		
14841	Oligocene lower Zemorrian Stage		
14842	Oligocene lower Zemorrian Stage		
14843	Oligocene lower Zemorrian Stage		
14844	Oligocene lower Zemorrian Stage		
14845	Oligocene lower Zemorrian Stage		
14846	Oligocene lower Zemorrian Stage		
14847	Oligocene lower Zemorrian Stage		
14848	Oligocene lower Zemorrian Stage		
14849	Oligocene lower Zemorrian Stage		
14850	Oligocene lower Zemorrian Stage		
14851	Oligocene lower Zemorrian Stage		
14852	Oligocene lower Zemorrian Stage		
14853	Oligocene lower Zemorrian Stage		
14854	Oligocene lower Zemorrian Stage		
14855	Oligocene lower Zemorrian Stage		
14856	Oligocene lower Zemorrian Stage		
14857	Oligocene lower Zemorrian Stage		
14858	Oligocene lower Zemorrian Stage		
14859	Oligocene lower Zemorrian Stage		
14860	Oligocene lower Zemorrian Stage		
14861	Oligocene lower Zemorrian Stage		
14862	Oligocene lower Zemorrian Stage		
14863	Oligocene lower Zemorrian Stage		
14864	Oligocene lower Zemorrian Stage		
14865	Oligocene lower Zemorrian Stage		
14866	Oligocene lower Zemorrian Stage		
14867	Oligocene upper Zemorrian Stage		
14868	Oligocene upper Zemorrian Stage		
14869	Oligocene upper Zemorrian Stage		
14870	Oligocene Zemorrian Stage		
14871	Oligocene Zemorrian Stage		
14872	Oligocene Zemorrian Stage		
14873	Oligocene Zemorrian Stage		
14874	Oligocene Zemorrian Stage		
14875	Oligocene Zemorrian Stage		

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1	ZONE/STAGE/SERIES/AGE		
14876	Oligocene Zemorrian Stage		
14877	Oligocene Zemorrian Stage		
14878	Oligocene Zemorrian Stage		
14879	Oligocene Zemorrian Stage		
14880	Oligocene Zemorrian Stage		
14881	Oligocene Zemorrian Stage		
14882	Oligocene Zemorrian Stage		
14883	Oligocene Zemorrian Stage		
14884	Oligocene Zemorrian Stage		
14885	Oligocene Zemorrian Stage		
14886	Oligocene Zemorrian Stage		
14887	Oligocene Zemorrian Stage		
14888	Oligocene Zemorrian Stage		
14889	Oligocene Zemorrian Stage		
14890	Oligocene Zemorrian Stage		
14891	Oligocene Zemorrian Stage		
14892	Oligocene Zemorrian Stage		
14893	Oligocene Zemorrian Stage		
14894	Oligocene Zemorrian Stage		
14895	Oligocene Zemorrian Stage		
14896	Oligocene Zemorrian Stage		
14897	Oligocene Zemorrian Stage		
14898	late Eocene Refugian Stage		
14899	late Eocene Refugian Stage		
14900	late Eocene Refugian Stage		
14901	late Eocene Refugian Stage		
14902	late Eocene Refugian Stage		
14903	late Eocene Refugian Stage		
14904	late Eocene Refugian Stage		
14905	late Eocene Refugian Stage		
14906	middle Eocene A Zone		
14907	middle Eocene A Zone		
14908	middle Eocene A Zone		
14909	middle Eocene A Zone		
14910	middle Eocene A Zone		
14911	middle Eocene A Zone		
14912	middle Eocene A Zone		
14913	middle Eocene A Zone		
14914	middle Eocene A Zone		
14915	Oligocene Zemorrian Stage		
14916	Pliocene		
14917	Pliocene		
14918	Pliocene		
14919	Pliocene		
14920	Pliocene		
14921	Pliocene		
14922	Pliocene		
14923	Pliocene		
14924	Pliocene		
14925	Pliocene		
14926	Pliocene		
14927	Pliocene		
14928	Pliocene		
14929	Pliocene		
14930	Pliocene		
14931	Pliocene		
14932	Pliocene		
14933	Pliocene		
14934	Pliocene		
14935	Pliocene		
14936	Pliocene		
14937	Pliocene		
14938	Pliocene		
14939	Pliocene		
14940	Pliocene		
14941	Pliocene		
14942	Pliocene		
14943	Pliocene		
14944	Pliocene		
14945	Pliocene		
14946	Pliocene		
14947	Pliocene		
14948	Pliocene		
14949	Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
14950	Pliocene		
14951	Pliocene		
14952	Pliocene		
14953	Pliocene		
14954	Pliocene		
14955	Pliocene		
14956	Pliocene		
14957	Pliocene		
14958	Pliocene		
14959	Pliocene		
14960	Pliocene		
14961	Pliocene		
14962	Pliocene		
14963	Pliocene		
14964	Late Cretaceous		
14965	Late Cretaceous		
14966	Late Cretaceous		
14967	Late Cretaceous		
14968	Late Cretaceous		
14969	Late Cretaceous		
14970	Eocene		
14971	Eocene		
14972	Eocene		
14973	Eocene		
14974	Eocene		
14975	Eocene		
14976	Eocene		
14977	Eocene		
14978	Eocene		
14979	Eocene		
14980	Eocene		
14981	Eocene		
14982	Eocene		
14983	Eocene		
14984	Eocene		
14985	Eocene		
14986	Eocene		
14987	Eocene		
14988	Eocene		
14989	Eocene		
14990	Eocene		
14991	Eocene		
14992	Eocene		
14993	Eocene		
14994	Eocene		
14995	Eocene		
14996	Eocene		
14997	middle and late Miocene upper Mohnian Stage		
14998	middle and late Miocene upper Mohnian Stage		
14999	middle and late Miocene upper Mohnian Stage		
15000	middle and late Miocene upper Mohnian Stage		
15001	middle and late Miocene Mohnian or Delmontian Stage		
15002	middle and late Miocene Mohnian or Delmontian Stage		
15003	middle and late Miocene Mohnian or Delmontian Stage		
15004	middle and late Miocene Mohnian or Delmontian Stage		
15005	middle and late Miocene Mohnian or Delmontian Stage		
15006	middle and late Miocene Mohnian or Delmontian Stage		
15007	middle and late Miocene Mohnian or Delmontian Stage		
15008	middle and late Miocene Mohnian or Delmontian Stage		
15009	middle and late Miocene Mohnian or Delmontian Stage		
15010	middle and late Miocene Mohnian or Delmontian Stage		
15011	middle and late Miocene Mohnian or Delmontian Stage		
15012	middle and late Miocene Mohnian or Delmontian Stage		
15013	middle and late Miocene Mohnian or Delmontian Stage		
15014	middle and late Miocene Mohnian or Delmontian Stage		
15015	middle and late Miocene upper Mohnian Stage		
15016	middle and late Miocene upper Mohnian Stage		
15017	middle and late Miocene upper Mohnian Stage		
15018	middle and late Miocene upper Mohnian Stage		
15019	late Miocene		
15020	middle Miocene Luisian Stage		
15021	middle Miocene Luisian Stage		
15022	representative sample for section		
15023	early or middle Miocene		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
15024	Late Cretaceous Cenomanian Stage		
15025	Late Cretaceous Cenomanian Stage		
15026	Late Cretaceous Cenomanian Stage		
15027	Cretaceous		
15028	probably Early Cretaceous J Zone		
15029	early or middle Miocene Relizian or Luisian Stage		
15030	Late Cretaceous arenaceous foraminifers		
15031	Late Cretaceous arenaceous foraminifers		
15032	Late Cretaceous arenaceous foraminifers		
15033	Early Cretaceous arenaceous foraminifers		
15034	late Eocene Refugian Stage		
15035	late Eocene Refugian Stage		
15036	late Eocene Refugian Stage		
15037	late Eocene Refugian Stage		
15038	Eocene		
15039	middle Eocene A-1 Zone		
15040	middle Eocene A-1 Zone		
15041	middle Eocene A-1 Zone		
15042	middle Eocene A-1 Zone		
15043	middle Eocene A-1 Zone		
15044	middle Eocene A-1 Zone		
15045	middle Eocene A-1 Zone		
15046	middle Eocene A-1 Zone		
15047	middle Eocene A-1 Zone		
15048	middle Eocene A-1 Zone		
15049	middle Eocene A-1 Zone		
15050	late Eocene Refugian Stage		
15051	late Eocene Refugian Stage		
15052	late Eocene Refugian Stage		
15053	late Eocene Refugian Stage		
15054	Eocene		
15055	Oligocene Zemorrian Stage		
15056	Oligocene Zemorrian Stage		
15057	Oligocene Zemorrian Stage		
15058	Oligocene Zemorrian Stage		
15059	Late Cretaceous f-1 Zone		
15060	late Paleocene E Zone		
15061	Late Cretaceous arenaceous foraminifers		
15062	late Eocene Refugian Stage		
15063	late Eocene Refugian Stage		
15064	late Eocene Refugian Stage		
15065	late Eocene Refugian Stage		
15066	late Eocene Refugian Stage		
15067	late Eocene Refugian Stage		
15068	late Eocene Refugian Stage		
15069	late Eocene Refugian Stage		
15070	Late Cretaceous arenaceous foraminifers		
15071	Eocene		
15072	Eocene		
15073	Eocene		
15074	Eocene		
15075	Eocene		
15076	Eocene		
15077	Eocene		
15078	Eocene		
15079	Eocene		
15080	Eocene		
15081	Eocene		
15082	early Miocene		
15083	late Pliocene		
15084	late Pliocene		
15085	late Pliocene		
15086	late Pliocene		
15087	late Pliocene		
15088	late Pliocene		
15089	late Pliocene		
15090	late Pliocene		
15091	late Pliocene		
15092	late Pliocene		
15093	late Pliocene		
15094	late Pliocene		
15095	late Pliocene		
15096	late Pliocene		
15097	late Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
15098	late Pliocene		
15099	late Pliocene		
15100	late Pliocene		
15101	late Pliocene		
15102	late Pliocene		
15103	late Pliocene		
15104	late Pliocene		
15105	late Pliocene		
15106	late Pliocene		
15107	late Pliocene		
15108	late Pliocene		
15109	late Pliocene		
15110	late Pliocene		
15111	late Pliocene		
15112	late Pliocene		
15113	late Pliocene		
15114	late Pliocene		
15115	late Pliocene		
15116	late Pliocene		
15117	late Pliocene		
15118	late Pliocene		
15119	late Pliocene		
15120	late Pliocene		
15121	late Pliocene		
15122	late Pliocene		
15123	late Pliocene		
15124	late Pliocene		
15125	late Pliocene		
15126	late Pliocene		
15127	late Pliocene		
15128	late Pliocene		
15129	late Pliocene		
15130	late Pliocene		
15131	late Pliocene		
15132	late Pliocene		
15133	late Pliocene		
15134	late Pliocene		
15135	late Pliocene		
15136	late Pliocene		
15137	late Pliocene		
15138	late Pliocene		
15139	late Pliocene		
15140	late Pliocene		
15141	late Pliocene		
15142	late Pliocene		
15143	late Pliocene		
15144	late Pliocene		
15145	late Pliocene		
15146	late Pliocene		
15147	late Pliocene		
15148	late Pliocene		
15149	late Pliocene		
15150	late Pliocene		
15151	late Pliocene		
15152	late Pliocene		
15153	late Pliocene		
15154	late Pliocene		
15155	late Pliocene		
15156	late Pliocene		
15157	late Pliocene		
15158	late Pliocene		
15159	late Pliocene		
15160	late Pliocene		
15161	late Pliocene		
15162	late Pliocene		
15163	late Pliocene		
15164	late Pliocene		
15165	late Pliocene		
15166	late Pliocene		
15167	late Pliocene		
15168	late Pliocene		
15169	late Pliocene		
15170	late Pliocene		
15171	late Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
15172	late Pliocene		
15173	late Pliocene		
15174	late Pliocene		
15175	late Pliocene		
15176	late Pliocene		
15177	late Pliocene		
15178	late Pliocene		
15179	late Pliocene		
15180	late Pliocene		
15181	late Pliocene		
15182	late Pliocene		
15183	late Pliocene		
15184	late Pliocene		
15185	late Pliocene		
15186	late Pliocene		
15187	late Pliocene		
15188	late Pliocene		
15189	late Pliocene		
15190	late Pliocene		
15191	late Pliocene		
15192	late Pliocene		
15193	early Pliocene		
15194	early Pliocene		
15195	early Pliocene		
15196	early Pliocene		
15197	early Pliocene		
15198	early Pliocene		
15199	early Pliocene		
15200	early Pliocene		
15201	early Pliocene		
15202	early Pliocene		
15203	early Pliocene		
15204	early Pliocene		
15205	early Pliocene		
15206	early Pliocene		
15207	early Pliocene		
15208	early Pliocene		
15209	early Pliocene		
15210	early Pliocene		
15211	early Pliocene		
15212	early Pliocene		
15213	early Pliocene		
15214	early Pliocene		
15215	early Pliocene		
15216	early Pliocene		
15217	early Pliocene		
15218	early Pliocene		
15219	early Pliocene		
15220	early Pliocene		
15221	early Pliocene		
15222	early Pliocene		
15223	early Pliocene		
15224	Eocene		
15225	Eocene		
15226	Oligocene Zemorrian Stage		
15227	Oligocene Zemorrian Stage		
15228	Oligocene Zemorrian Stage		
15229	Oligocene Zemorrian Stage		
15230	Oligocene Zemorrian Stage		
15231	Oligocene Zemorrian Stage		
15232	Oligocene Zemorrian Stage		
15233	Oligocene Zemorrian Stage		
15234	Oligocene Zemorrian Stage		
15235	Oligocene Zemorrian Stage		
15236	Oligocene Zemorrian Stage		
15237	Late Cretaceous G-1 Zone		
15238	Late Cretaceous arenaceous foraminifers		
15239	Late Cretaceous arenaceous foraminifers		
15240	Late Cretaceous arenaceous foraminifers		
15241	Late Cretaceous arenaceous foraminifers		
15242	Late Cretaceous arenaceous foraminifers		
15243	early Eocene		
15244	Late Cretaceous G-1 Zone		
15245	Late Cretaceous D-2 or E Zone		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
15246	Late Cretaceous arenaceous foraminifers		
15247	Late Cretaceous arenaceous foraminifers		
15248	Late Cretaceous arenaceous foraminifers		
15249	Late Cretaceous G-1 Zone		
15250	Late Cretaceous arenaceous foraminifers		
15251	Late Cretaceous or Paleocene arenaceous forams		
15252	late Paleocene E Zone		
15253	late Paleocene E Zone		
15254	late Paleocene E Zone		
15255	Late Cretaceous or Paleocene		
15256	Late Cretaceous arenaceous foraminifers		
15257	Late Cretaceous arenaceous foraminifers		
15258	Late Cretaceous G-2 Zone		
15259	Late Cretaceous G-2 Zone		
15260	late Paleocene E Zone		
15261	late Paleocene E Zone		
15262	early Eocene		
15263	late Paleocene E Zone		
15264	Late Cretaceous H Zone		
15265	Late Cretaceous H Zone		
15266	Late Cretaceous H Zone		
15267	Late Cretaceous H Zone		
15268	Late Cretaceous probably I Zone		
15269	Late Cretaceous H or I Zone		
15270	Late Cretaceous H or I Zone		
15271	Late Cretaceous H or I Zone		
15272	Late Cretaceous H or I Zone		
15273	Late Cretaceous H or I Zone		
15274	Late Cretaceous H or I Zone		
15275	Late Cretaceous H or I Zone		
15276	Late Cretaceous H or I Zone		
15277	Late Cretaceous H or I Zone		
15278	Late Cretaceous H or I Zone		
15279	Late Cretaceous H or I Zone		
15280	Late Cretaceous H or I Zone		
15281	Early Cretaceous J Zone		
15282	Early Cretaceous J Zone		
15283	Early Cretaceous J Zone		
15284	Early Cretaceous J Zone		
15285	Early Cretaceous J Zone		
15286	Early Cretaceous J Zone		
15287	Early Cretaceous J Zone		
15288	Early Cretaceous J Zone		
15289	Early Cretaceous J Zone		
15290	Early Cretaceous J Zone		
15291	Early Cretaceous J-1 Zone		
15292	Early Cretaceous J-1 Zone		
15293	Early Cretaceous J Zone		
15294	Early Cretaceous J Zone		
15295	Early Cretaceous J Zone		
15296	Early Cretaceous J Zone		
15297	Early Cretaceous J Zone		
15298	Early Cretaceous J Zone		
15299	Early Cretaceous J Zone		
15300	Early Cretaceous J-1 Zone		
15301	Early Cretaceous J-1 Zone		
15302	Early Cretaceous J Zone		
15303	Early Cretaceous J Zone		
15304	Early Cretaceous J Zone		
15305	Early Cretaceous J Zone		
15306	Early Cretaceous J Zone		
15307	Late Cretaceous H Zone		
15308	Late Cretaceous H Zone		
15309	Late Cretaceous H Zone		
15310	Late Cretaceous H Zone		
15311	Late Cretaceous H Zone		
15312	Late Cretaceous H Zone		
15313	Late Cretaceous H Zone		
15314	Late Cretaceous H Zone		
15315	Late Cretaceous H Zone		
15316	Late Cretaceous H Zone		
15317	Late Cretaceous H Zone		
15318	Late Cretaceous H Zone		
15319	Late Cretaceous H Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
15320	Late Cretaceous H Zone		
15321	Late Cretaceous H Zone		
15322	Late Cretaceous H Zone		
15323	Late Cretaceous H Zone		
15324	Late Cretaceous H Zone		
15325	Late Cretaceous H Zone		
15326	Late Cretaceous H Zone		
15327	Late Cretaceous H Zone		
15328	Late Cretaceous H Zone		
15329	Late Cretaceous H Zone		
15330	Late Cretaceous H Zone		
15331	Late Cretaceous H Zone		
15332	Late Cretaceous H Zone		
15333	Late Cretaceous H Zone		
15334	Late Cretaceous H or I Zone		
15335	Late Cretaceous H or I Zone		
15336	Late Cretaceous H or I Zone		
15337	Late Cretaceous H or I Zone		
15338	Late Cretaceous H or I Zone		
15339	Late Cretaceous H or I Zone		
15340	Late Cretaceous H or I Zone		
15341	Late Cretaceous H or I Zone		
15342	Late Cretaceous H or I Zone		
15343	Late Cretaceous H or I Zone		
15344	Late Cretaceous H or I Zone		
15345	Late Cretaceous H or I Zone		
15346	Late Cretaceous H or I Zone		
15347	Late Cretaceous H or I Zone		
15348	Late Cretaceous H or I Zone		
15349	Late Cretaceous H or I Zone		
15350	Late Cretaceous I Zone		
15351	Late Cretaceous I Zone		
15352	Late Cretaceous I Zone		
15353	Late Cretaceous H or I Zone		
15354	Late Cretaceous H or I Zone		
15355	Late Cretaceous H or I Zone		
15356	Late Cretaceous H or I Zone		
15357	Late Cretaceous H or I Zone		
15358	Late Cretaceous H or I Zone		
15359	Late Cretaceous H or I Zone		
15360	Late Cretaceous H or I Zone		
15361	Late Cretaceous H or I Zone		
15362	Late Cretaceous H or I Zone		
15363	Late Cretaceous H or I Zone		
15364	Late Cretaceous H or I Zone		
15365	Early Cretaceous J-1 Zone		
15366	Late Cretaceous H or I Zone		
15367	Late Cretaceous H or I Zone		
15368	Late Cretaceous H or I Zone		
15369	Late Cretaceous H or I Zone		
15370	Late Cretaceous H or I Zone		
15371	Late Cretaceous H or I Zone		
15372	Late Cretaceous H or I Zone		
15373	Late Cretaceous H or I Zone		
15374	Late Cretaceous H or I Zone		
15375	Late Cretaceous H or I Zone		
15376	Late Cretaceous H or I Zone		
15377	Late Cretaceous H or I Zone		
15378	Early Cretaceous J-1 Zone		
15379	Late Cretaceous I Zone		
15380	Late Cretaceous I Zone		
15381	Late Cretaceous I Zone		
15382	Late Cretaceous I Zone		
15383	Late Cretaceous I Zone		
15384	Late Cretaceous I Zone		
15385	Late Cretaceous I Zone		
15386	Late Cretaceous I Zone		
15387	Late Cretaceous I Zone		
15388	Early or Late Cretaceous J or I Zone		
15389	Early or Late Cretaceous J or I Zone		
15390	Early or Late Cretaceous J or I Zone		
15391	Early or Late Cretaceous J or I Zone		
15392	Early or Late Cretaceous J or I Zone		
15393	Early or Late Cretaceous J or I Zone		

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1	**ZONE/STAGE/SERIES/AGE**		
15394	Early or Late Cretaceous J or I Zone		
15395	Early or Late Cretaceous J or I Zone		
15396	Early or Late Cretaceous J or I Zone		
15397	Early or Late Cretaceous J or I Zone		
15398	Early Cretaceous J-1 Zone		
15399	Early Cretaceous J-1 Zone		
15400	Early Cretaceous J-1 Zone		
15401	Early Cretaceous J-1 Zone		
15402	Early Cretaceous J-1 Zone		
15403	Early Cretaceous J-1 Zone		
15404	Early Cretaceous J-1 Zone		
15405	Early Cretaceous J-1 Zone		
15406	Early Cretaceous J-1 Zone		
15407	Early Cretaceous J-1 Zone		
15408	Early Cretaceous J-1 Zone		
15409	Early Cretaceous J-1 Zone		
15410	Early Cretaceous J-1 Zone		
15411	Early Cretaceous J Zone		
15412	Early Cretaceous J Zone		
15413	Early Cretaceous J Zone		
15414	Early Cretaceous J Zone		
15415	Early Cretaceous J Zone		
15416	Early Cretaceous J Zone		
15417	Late Cretaceous I Zone		
15418	Late Cretaceous I Zone		
15419	Late Cretaceous H Zone		
15420	Late Cretaceous H Zone		
15421	Late Cretaceous H Zone		
15422	Late Cretaceous H Zone		
15423	Late Cretaceous H Zone		
15424	Late Cretaceous H Zone		
15425	Late Cretaceous H Zone		
15426	Late Cretaceous H Zone		
15427	Late Cretaceous H Zone		
15428	Late Cretaceous H Zone		
15429	Late Cretaceous H Zone		
15430	Late Cretaceous H Zone		
15431	Late Cretaceous H Zone		
15432	Early Cretaceous J-1 Zone		
15433	Early Cretaceous J-1 Zone		
15434	probably Late Cretaceous		
15435	probably Late Cretaceous		
15436	probably Late Cretaceous		
15437	probably Late Cretaceous		
15438	probably Late Cretaceous		
15439	probably Late Cretaceous		
15440	probably Late Cretaceous		
15441	probably Late Cretaceous		
15442	probably Late Cretaceous		
15443	probably Late Cretaceous		
15444	probably Late Cretaceous		
15445	probably Late Cretaceous		
15446	probably Late Cretaceous		
15447	probably Late Cretaceous		
15448	probably Late Cretaceous		
15449	probably Late Cretaceous		
15450	probably Late Cretaceous		
15451	probably Late Cretaceous		
15452	probably Late Cretaceous		
15453	probably Late Cretaceous		
15454	probably Late Cretaceous		
15455	probably Late Cretaceous		
15456	probably Late Cretaceous		
15457	probably Late Cretaceous		
15458	Early Cretaceous J-1 Zone		
15459	Early Cretaceous K Zone		
15460	Early Cretaceous K Zone		
15461	Early Cretaceous K Zone		
15462	Early Cretaceous K Zone		
15463	Early Cretaceous K Zone		
15464	Early Cretaceous K Zone		
15465	Early Cretaceous K Zone		
15466	Early Cretaceous K Zone		
15467	Early Cretaceous K Zone		

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1	ZONE/STAGE/SERIES/AGE		
15468	Early Cretaceous K Zone		
15469	Early Cretaceous K Zone		
15470	Early Cretaceous K Zone		
15471	Early Cretaceous K Zone		
15472	Early Cretaceous K Zone		
15473	Early Cretaceous K Zone		
15474	Early Cretaceous K Zone		
15475	Early Cretaceous K Zone		
15476	Eocene		
15477	Late Cretaceous G-1 Zone		
15478	Late Cretaceous G-1 Zone		
15479	Late Cretaceous H Zone		
15480	Early Cretaceous J-1 Zone		
15481	Early Cretaceous J-1 Zone		
15482	Early Cretaceous J-1 Zone		
15483	Early Cretaceous J-1 Zone		
15484	Early Cretaceous J-1 Zone		
15485	Early Cretaceous J-1 Zone		
15486	Early Cretaceous J-1 Zone		
15487	Early Cretaceous J-1 Zone		
15488	Early Cretaceous J-1 Zone		
15489	Late Cretaceous I Zone		
15490	Late Cretaceous H Zone		
15491	Late Cretaceous H Zone		
15492	Late Cretaceous H Zone		
15493	Late Cretaceous arenaceous foraminifers		
15494	Late Cretaceous H Zone		
15495	Early Cretaceous J-2 Zone		
15496	Early Cretaceous J-2 Zone		
15497	Early Cretaceous J-2 Zone		
15498	Early Cretaceous J-2 Zone		
15499	Early Cretaceous J-2 Zone		
15500	Early Cretaceous J-2 Zone		
15501	Early Cretaceous J-2 Zone		
15502	Early Cretaceous J-2 Zone		
15503	Early Cretaceous J-2 Zone		
15504	Early Cretaceous J-2 Zone		
15505	Early Cretaceous J-2 Zone		
15506	Early Cretaceous J-2 Zone		
15507	Early Cretaceous J-2 Zone		
15508	Early Cretaceous J-2 Zone		
15509	Early Cretaceous J-2 Zone		
15510	Early Cretaceous J-2 Zone		
15511	Early Cretaceous J-2 Zone		
15512	Early Cretaceous J-2 Zone		
15513	Early Cretaceous J-2 Zone		
15514	Early Cretaceous J-2 Zone		
15515	Early Cretaceous J-2 Zone		
15516	Early Cretaceous J-2 Zone		
15517	Early Cretaceous J-2 Zone		
15518	Early Cretaceous J-2 Zone		
15519	Early Cretaceous J-2 Zone		
15520	Early Cretaceous J-2 Zone		
15521	Early Cretaceous J-2 Zone		
15522	Early Cretaceous J-2 Zone		
15523	Early Cretaceous J-2 Zone		
15524	Early Cretaceous J-2 Zone		
15525	Early Cretaceous J-2 Zone		
15526	Early Cretaceous J-2 Zone		
15527	Early Cretaceous J-2 Zone		
15528	Early Cretaceous J-2 Zone		
15529	Early Cretaceous J-2 Zone		
15530	Early Cretaceous J-2 Zone		
15531	Early Cretaceous J-2 Zone		
15532	Early Cretaceous J-2 Zone		
15533	Early Cretaceous J-2 Zone		
15534	Early Cretaceous J-2 Zone		
15535	Early Cretaceous J-2 Zone		
15536	Early Cretaceous J-2 Zone		
15537	Early Cretaceous J-2 Zone		
15538	Early Cretaceous J-2 Zone		
15539	Early Cretaceous J-2 Zone		
15540	Early Cretaceous J-2 Zone		
15541	Early Cretaceous J-2 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
15542	Early Cretaceous J-2 Zone		
15543	Early Cretaceous J-2 Zone		
15544	Early Cretaceous J-2 Zone		
15545	Early Cretaceous J-2 Zone		
15546	Early Cretaceous J-2 Zone		
15547	Late Cretaceous H Zone		
15548	Late Cretaceous H Zone		
15549	Late Cretaceous H Zone		
15550	Late Cretaceous H Zone		
15551	Late Cretaceous H Zone		
15552	Late Cretaceous H Zone		
15553	Late Cretaceous H Zone		
15554	Late Cretaceous H Zone		
15555	Late Cretaceous H Zone		
15556	Late Cretaceous H Zone		
15557	Late Cretaceous H Zone		
15558	Late Cretaceous H Zone		
15559	Late Cretaceous H Zone		
15560	Late Cretaceous H Zone		
15561	Late Cretaceous H Zone		
15562	Late Cretaceous H Zone		
15563	Late Cretaceous H Zone		
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15951	Late Cretaceous H Zone		
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16145	Early Cretaceous K Zone		
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16150	Early Cretaceous L Zone		
16151	Early Cretaceous L Zone		
16152	Early Cretaceous L Zone		
16153	Early Cretaceous L Zone		
16154	Early Cretaceous L Zone		
16155	Early Cretaceous L Zone		
16156	Early Cretaceous L Zone		
16157	Early Cretaceous L Zone		
16158	Early Cretaceous L Zone		
16159	Early Cretaceous L Zone		
16160	Early Cretaceous L Zone		
16161	Early Cretaceous L Zone		
16162	Early Cretaceous L Zone		
16163	Early Cretaceous L Zone		
16164	Early Cretaceous L Zone		
16165	Early Cretaceous L Zone		
16166	Early Cretaceous L Zone		
16167	Early Cretaceous L Zone		
16168	Early Cretaceous L Zone		
16169	Early Cretaceous L Zone		
16170	Early Cretaceous L Zone		
16171	Early Cretaceous L Zone		
16172	Early Cretaceous L Zone		
16173	Early Cretaceous L Zone		
16174	Early Cretaceous L Zone		
16175	Early Cretaceous L Zone		
16176	Early Cretaceous L Zone		
16177	Early Cretaceous L Zone		
16178	Early Cretaceous J-1 Zone		
16179	Early Cretaceous J-1 Zone		
16180	Early Cretaceous J-1 Zone		
16181	Early Cretaceous J-1 Zone		
16182	Early Cretaceous J-1 Zone		
16183	Late Cretaceous arenaceous foraminifers		
16184	Late Cretaceous H Zone		
16185	Early Cretaceous J Zone		
16186	Early Cretaceous J Zone		
16187	Early Cretaceous J Zone		
16188	Early Cretaceous J Zone		
16189	Early Cretaceous J Zone		
16190	Early Cretaceous J Zone		
16191	Early Cretaceous J Zone		
16192	probably Early Cretaceous J Zone		
16193	probably Early Cretaceous J Zone		
16194	Early Cretaceous J Zone		
16195	Early Cretaceous J Zone		
16196	Early Cretaceous J Zone		
16197	Cretaceous arenaceous foraminifers		
16198	Cretaceous arenaceous foraminifers		
16199	Late Cretaceous arenaceous foraminifers		
16200	Late Cretaceous arenaceous foraminifers		
16201	Late Cretaceous G-2 Zone		
16202	Late Cretaceous G-2 Zone		
16203	Late Cretaceous G-2 Zone		
16204	probably Late Cretaceous G-2		
16205	Late Cretaceous H or I Zone		
16206	Late Cretaceous I Zone		
16207	Early Cretaceous J Zone		
16208	Early Cretaceous J Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
16209	Early Cretaceous J Zone		
16210	Early Cretaceous J Zone		
16211	Early Cretaceous J Zone		
16212	Cretaceous		
16213	middle and Late Eocene nannoplankton check list		
16214	Miocene		
16215	Miocene		
16216	Miocene		
16217	Miocene		
16218	Miocene		
16219	Miocene		
16220	Miocene		
16221	Miocene		
16222	Miocene		
16223	Miocene		
16224	Miocene		
16225	Tertiary		
16226	Tertiary		
16227	Tertiary		
16228	Tertiary		
16229	Tertiary		
16230	Tertiary		
16231	Tertiary		
16232	Tertiary		
16233	Tertiary		
16234	Tertiary		
16235	Tertiary		
16236	Tertiary		
16237	Tertiary		
16238	Tertiary		
16239	Tertiary		
16240	middle Eocene A Zone		
16241	middle Eocene Discoaster siapanensis Zone		
16242	middle Eocene Discoaster siapanensis Zone		
16243	Tertiary		
16244	Tertiary		
16245	middle Eocene Discoaster siapanensis Zone		
16246	middle Eocene Discoaster siapanensis Zone		
16247	Tertiary		
16248	Tertiary		
16249	Tertiary		
16250	Tertiary		
16251	Tertiary		
16252	middle Eocene Discoaster martinii Zone		
16253	middle Eocene Discoaster martinii Zone		
16254	middle Eocene Discoaster martinii Zone		
16255	Tertiary		
16256	Tertiary		
16257	middle Eocene Discoaster martinii Zone		
16258	middle Eocene Discoaster martinii Zone		
16259	Tertiary		
16260	Tertiary		
16261	middle Eocene Discoaster martinii Zone		
16262	Tertiary		
16263	middle Eocene Discoaster martinii Zone		
16264	middle Eocene Discoaster martinii Zone		
16265	middle Eocene Discoaster martinii Zone		
16266	Tertiary		
16267	middle Eocene Chiphragmalithus quadratus		
16268	middle Eocene Chiphragmalithus quadratus		
16269	middle Eocene Chiphragmalithus quadratus		
16270	Tertiary		
16271	Tertiary		
16272	Tertiary		
16273	Tertiary		
16274	middle Eocene Chiphragmalithus quadratus		
16275	Tertiary		
16276	Tertiary		
16277	Tertiary		
16278	Tertiary		
16279	Tertiary		
16280	middle Eocene Chiphragmalithus quadratus		
16281	Tertiary		
16282	Tertiary		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
16283	Tertiary		
16284	Tertiary		
16285	Tertiary		
16286	Tertiary		
16287	Tertiary		
16288	Tertiary		
16289	early Eocene nannoplankton check list		
16290	early Eocene C Zone		
16291	early Eocene C Zone		
16292	early Eocene C Zone		
16293	early Eocene C Zone		
16294	early Eocene C Zone		
16295	early Eocene C Zone		
16296	early Eocene C Zone		
16297	early Eocene C Zone		
16298	early Eocene C Zone		
16299	early Eocene C Zone		
16300	early Eocene C Zone		
16301	early Eocene C Zone		
16302	early Eocene C Zone		
16303	late Paleocene or early Eocene E or D Zone		
16304	late Paleocene or early Eocene E or D Zone		
16305	late Paleocene or early Eocene E or D Zone		
16306	late Paleocene or early Eocene E or D Zone		
16307	late Paleocene or early Eocene E or D Zone		
16308	late Paleocene or early Eocene E or D Zone		
16309	Late Cretaceous A and/or B Zone		
16310	Late Cretaceous A and/or B Zone		
16311	Late Cretaceous A and/or B Zone		
16312	Late Cretaceous A and/or B Zone		
16313	Late Cretaceous A and/or B Zone		
16314	Late Cretaceous A and/or B Zone		
16315	Late Cretaceous A and/or B Zone		
16316	Late Cretaceous A and/or B Zone		
16317	Late Cretaceous A and/or B Zone		
16318	Late Cretaceous A and/or B Zone		
16319	Late Cretaceous A and/or B Zone		
16320	Late Cretaceous A and/or B Zone		
16321	Late Cretaceous A and/or B Zone		
16322	Late Cretaceous A and/or B Zone		
16323	Late Cretaceous A and/or B Zone		
16324	Late Cretaceous A and/or B Zone		
16325	Late Cretaceous A and/or B Zone		
16326	Late Cretaceous A and/or B Zone		
16327	Late Cretaceous A and/or B Zone		
16328	Late Cretaceous A and/or B Zone		
16329	Late Cretaceous A and/or B Zone		
16330	Late Cretaceous A and/or B Zone		
16331	Late Cretaceous A and/or B Zone		
16332	Late Cretaceous A and/or B Zone		
16333	Late Cretaceous A and/or B Zone		
16334	Late Cretaceous A and/or B Zone		
16335	Late Cretaceous A and/or B Zone		
16336	Late Cretaceous A and/or B Zone		
16337	Late Cretaceous A and/or B Zone		
16338	Late Cretaceous A and/or B Zone		
16339	Late Cretaceous A and/or B Zone		
16340	Late Cretaceous A and/or B Zone		
16341	Late Cretaceous A and/or B Zone		
16342	Late Cretaceous C Zone		
16343	Late Cretaceous C Zone		
16344	Late Cretaceous C Zone		
16345	Late Cretaceous C Zone		
16346	Late Cretaceous C Zone		
16347	Late Cretaceous C Zone		
16348	Late Cretaceous C Zone		
16349	Late Cretaceous C Zone		
16350	Late Cretaceous C Zone		
16351	Late Cretaceous C Zone		
16352	Late Cretaceous C Zone		
16353	early Eocene D? Zone		
16354	Eocene?		
16355	late Paleocene or early Eocene		
16356	Eocene?		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
16357	Late Cretaceous arenaceous foraminifers		
16358	Cretaceous? arenaceous foraminifers		
16359	Eocene		
16360	Eocene		
16361	Late Cretaceous		
16362	Late Cretaceous arenaceous foraminifers		
16363	middle Eocene		
16364	late Paleocene E Zone		
16365	Late Cretaceous arenaceous foraminifers		
16366	early Eocene		
16367	Eocene		
16368	Eocene		
16369	Eocene		
16370	Eocene		
16371	Eocene		
16372	Eocene		
16373	Oligocene Zemorrian Stage		
16374	middle Eocene B-1 Zone		
16375	Pliocene		
16376	Cretaceous arenaceous foraminifers		
16377	Cretaceous arenaceous foraminifers		
16378	Cretaceous arenaceous foraminifers		
16379	Cretaceous arenaceous foraminifers		
16380	Cretaceous arenaceous foraminifers		
16381	Cretaceous arenaceous foraminifers		
16382	Cretaceous arenaceous foraminifers		
16383	Cretaceous arenaceous foraminifers		
16384	Cretaceous arenaceous foraminifers		
16385	Late Cretaceous		
16386	Late Cretaceous		
16387	Cretaceous arenaceous foraminifers		
16388	Cretaceous arenaceous foraminifers		
16389	Cretaceous arenaceous foraminifers		
16390	Cretaceous arenaceous foraminifers		
16391	Cretaceous arenaceous foraminifers		
16392	Cretaceous arenaceous foraminifers		
16393	Cretaceous arenaceous foraminifers		
16394	Cretaceous arenaceous foraminifers		
16395	Cretaceous arenaceous foraminifers		
16396	Cretaceous arenaceous foraminifers		
16397	Cretaceous arenaceous foraminifers		
16398	Eocene		
16399	Eocene		
16400	Eocene		
16401	Eocene		
16402	Eocene		
16403	Eocene		
16404	Eocene		
16405	Eocene		
16406	Eocene		
16407	Eocene		
16408	Eocene		
16409	Eocene		
16410	Eocene		
16411	Zemorrian		
16412	Cretaceous arenaceous foraminifers		
16413	Cretaceous arenaceous foraminifers		
16414	Cretaceous arenaceous foraminifers		
16415	Cretaceous arenaceous foraminifers		
16416	Cretaceous arenaceous foraminifers		
16417	Cretaceous arenaceous foraminifers		
16418	Cretaceous arenaceous foraminifers		
16419	Cretaceous arenaceous foraminifers		
16420	Eocene		
16421	Eocene		
16422	Eocene		
16423	Eocene		
16424	Eocene		
16425	Paleocene		
16426	Cretaceous arenaceous foraminifers		
16427	Cretaceous arenaceous foraminifers		
16428	Cretaceous arenaceous foraminifers		
16429	Cretaceous arenaceous foraminifers		
16430	Cretaceous arenaceous foraminifers		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
16431	Cretaceous arenaceous foraminifers		
16432	Cretaceous arenaceous foraminifers		
16433	Cretaceous arenaceous foraminifers		
16434	Cretaceous arenaceous foraminifers		
16435	Cretaceous arenaceous foraminifers		
16436	Cretaceous arenaceous foraminifers		
16437	Cretaceous arenaceous foraminifers		
16438	Late Cretaceous arenaceous foraminifers		
16439	Late Cretaceous arenaceous foraminifers		
16440	Late Cretaceous arenaceous foraminifers		
16441	Late Cretaceous arenaceous foraminifers		
16442	Cretaceous arenaceous foraminifers		
16443	Cretaceous arenaceous foraminifers		
16444	Cretaceous arenaceous foraminifers		
16445	Cretaceous arenaceous foraminifers		
16446	Cretaceous arenaceous foraminifers		
16447	Cretaceous arenaceous foraminifers		
16448	Cretaceous arenaceous foraminifers		
16449	Cretaceous arenaceous foraminifers		
16450	Cretaceous arenaceous foraminifers		
16451	Cretaceous arenaceous foraminifers		
16452	Cretaceous arenaceous foraminifers		
16453	Cretaceous arenaceous foraminifers		
16454	Cretaceous arenaceous foraminifers		
16455	Cretaceous arenaceous foraminifers		
16456	Cretaceous arenaceous foraminifers		
16457	Late Cretaceous E Zone		
16458	Late Cretaceous E Zone		
16459	Late Cretaceous E Zone		
16460	Late Cretaceous E Zone		
16461	Cretaceous arenaceous foraminifers		
16462	Cretaceous arenaceous foraminifers		
16463	Cretaceous arenaceous foraminifers		
16464	Cretaceous arenaceous foraminifers		
16465	Late Cretaceous J-1 Zone		
16466	Cretaceous arenaceous foraminifers		
16467	Cretaceous arenaceous foraminifers		
16468	Late Cretaceous C or D-1 Zone		
16469	Cretaceous arenaceous foraminifers		
16470	Cretaceous arenaceous foraminifers		
16471	Late Cretaceous C or D-1 Zone		
16472	Cretaceous arenaceous foraminifers		
16473	Cretaceous arenaceous foraminifers		
16474	probably Late Cretaceous F Zone		
16475	Late Cretaceous D-2 Zone		
16476	Late Cretaceous D-2 Zone		
16477	Late Cretaceous D-2 Zone		
16478	Cretaceous arenaceous foraminifers		
16479	Late Cretaceous F-2 Zone		
16480	Late Cretaceous F-2 Zone		
16481	Late Cretaceous F-2 Zone		
16482	Late Cretaceous F-2 or G-1 Zone		
16483	Cretaceous arenaceous foraminifers		
16484			
16485			
16486	All lot 982 slides borrowed by Sandra Cutler		
16487	Univ. Nevada, Reno, MS Thesis. Chevron note says		
16488	slides borrowed in August 1978.		
16489			
16490			
16491	probably Late Jurassic		
16492	probably Late Jurassic		
16493	probably Late Jurassic		
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16504	probably Late Jurassic		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
16505	probably Late Jurassic		
16506	probably Late Jurassic		
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1	ZONE/STAGE/SERIES/AGE		
16579	probably Late Jurassic		
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16591	probably Late Jurassic		
16592	probably Late Jurassic		
16593	Late Jurassic M Zone		
16594	Late Jurassic M Zone		
16595	Late Jurassic M Zone		
16596	Late Jurassic M Zone		
16597	Late Jurassic M Zone		
16598	Late Jurassic M Zone		
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16601	Late Jurassic M Zone		
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16621	Late Jurassic M Zone		
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1	ZONE/STAGE/SERIES/AGE		
16653	probably Late Jurassic		
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16726	probably Late Jurassic		

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1	ZONE/STAGE/SERIES/AGE		
16727	probably Late Jurassic		
16728	probably Late Jurassic		
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16800	probably Late Jurassic		

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1	ZONE/STAGE/SERIES/AGE		
16801	probably Late Jurassic		
16802	probably Late Jurassic		
16803	probably Late Jurassic		
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16852	probably Late Jurassic		
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16871	probably Late Jurassic		
16872	probably Late Jurassic		
16873	probably Late Jurassic		
16874	probably Late Jurassic		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
16875	probably Late Jurassic		
16876	probably Late Jurassic		
16877	probably Late Jurassic		
16878	probably Late Jurassic		
16879	probably Late Jurassic		
16880	probably Late Jurassic		
16881	probably Late Jurassic		
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16888	probably Late Jurassic		
16889	probably Late Jurassic		
16890	probably Late Jurassic		
16891	probably Late Jurassic		
16892	probably Late Jurassic		
16893	Late Cretaceous arenaceous foraminifers		
16894			
16895	slides borrowed by Sandra Cutler, Univ Nevada, Reno		
16896	in August 1978. Returned May 1979. MS Thesis.		
16897			
16898			
16899			
16900			
16901	possibly Early Cretaceous J -2 Zone		
16902	possibly Early Cretaceous J -2 Zone		
16903	possibly Early Cretaceous J -2 Zone		
16904	possibly Early Cretaceous J -2 Zone		
16905	possibly Early Cretaceous J -2 Zone		
16906	possibly Early Cretaceous J -2 Zone		
16907	possibly Early Cretaceous J -2 Zone		
16908	possibly Early Cretaceous J -2 Zone		
16909	possibly Early Cretaceous J -2 Zone		
16910	possibly Early Cretaceous J -2 Zone		
16911	possibly Early Cretaceous J -2 Zone		
16912	possibly Early Cretaceous J -2 Zone		
16913	possibly Early Cretaceous J -2 Zone		
16914	possibly Early Cretaceous J -2 Zone		
16915	possibly Early Cretaceous J -2 Zone		
16916	possibly Early Cretaceous J -2 Zone		
16917	Early Cretaceous K Zone		
16918	Early Cretaceous K Zone		
16919	Early Cretaceous K Zone		
16920	Early Cretaceous K Zone		
16921	Early Cretaceous K Zone		
16922	Early Cretaceous K Zone		
16923	Early Cretaceous K Zone		
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1	ZONE/STAGE/SERIES/AGE		
16949	Early Cretaceous K Zone		
16950	Early Cretaceous K Zone		
16951	Early Cretaceous K Zone		
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16966	Early Cretaceous K Zone		
16967	Early Cretaceous K Zone		
16968	Early Cretaceous K Zone		
16969	Early Cretaceous K Zone		
16970	possibly Early Cretaceous K Zone		
16971	possibly Early Cretaceous K Zone		
16972	possibly Early Cretaceous K Zone		
16973	possibly Early Cretaceous K Zone		
16974	possibly Early Cretaceous K Zone		
16975	possibly Early Cretaceous L Zone		
16976	possibly Early Cretaceous L Zone		
16977	possibly Early Cretaceous L Zone		
16978	possibly Early Cretaceous L Zone		
16979	possibly Early Cretaceous L Zone		
16980	Late Jurassic M Zone		
16981	Late Jurassic M Zone		
16982	Late Jurassic M Zone		
16983	Late Jurassic M Zone		
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16986	Late Jurassic M Zone		
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17020	Late Jurassic M Zone		
17021	Late Jurassic M Zone		
17022	Late Jurassic M Zone		

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1	ZONE/STAGE/SERIES/AGE		
17023	Late Jurassic M Zone		
17024	Late Jurassic M Zone		
17025	Late Jurassic M Zone		
17026	Late Jurassic M Zone		
17027	Late Jurassic M Zone		
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17076	Late Jurassic M Zone		
17077	Late Jurassic M Zone		
17078	Late Jurassic M Zone		
17079	Late Jurassic M Zone		
17080	Late Jurassic M Zone		
17081	Late Jurassic M Zone		
17082	Cretaceous arenaceous foraminifers		
17083	early? Eocene		
17084	early? Eocene		
17085	early Eocene B-4 Zone		
17086	Cretaceous arenaceous foraminifers		
17087	early Eocene		
17088	Late Cretaceous arenaceous foraminifers		
17089	late Paleocene E Zone		
17090	late Paleocene E Zone		
17091	late Paleocene? E? Zone		
17092	late Paleocene E Zone		
17093	early Eocene C or D Zone		
17094	early Eocene C or D Zone		
17095	early Eocene C or D Zone		
17096	early Eocene C or D Zone		

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1	ZONE/STAGE/SERIES/AGE		
17097	early Eocene C Zone		
17098	early Eocene C Zone		
17099	early Eocene C Zone		
17100	early Eocene C Zone		
17101	early Eocene C or D Zone		
17102	early Eocene C or D Zone		
17103	early Eocene C or D Zone		
17104	early Eocene C or D Zone		
17105	early Eocene C or D Zone		
17106	early Eocene C or D Zone		
17107	early Eocene C Zone		
17108	early Eocene B or C Zone		
17109	early Eocene B-4 Zone		
17110	late Miocene or Pliocene		
17111	Early Cretaceous J-1 Zone		
17112	early Eocene		
17113	Eocene arenaceous foraminifers		
17114	late Paleocene E Zone		
17115	late Paleocene E Zone		
17116	late Paleocene E Zone		
17117	early or middle Eocene		
17118	early Eocene D Zone		
17119	early Eocene D Zone		
17120	early Eocene D Zone		
17121	early Eocene D Zone		
17122	early Eocene D Zone		
17123	late Paleocene E Zone or early Eocene D Zone		
17124	middle Eocene A-1 Zone		
17125	Pliocene		
17126	Oligocene Zemorrian Stage		
17127	Oligocene Zemorrian Stage		
17128	Oligocene Zemorrian Stage		
17129	Oligocene Zemorrian Stage		
17130	Oligocene Zemorrian Stage		
17131	Pliocene		
17132	Oligocene Zemorrian Stage		
17133	Oligocene Zemorrian Stage		
17134	Oligocene Zemorrian Stage		
17135	Oligocene Zemorrian Stage		
17136	Oligocene Zemorrian Stage		
17137	Oligocene Zemorrian Stage		
17138	Oligocene Zemorrian Stage		
17139	Oligocene Zemorrian Stage		
17140	Oligocene Zemorrian Stage		
17141	Oligocene Zemorrian Stage		
17142	Oligocene Zemorrian Stage		
17143	Oligocene Zemorrian Stage		
17144	Oligocene Zemorrian Stage		
17145	Pliocene		
17146	Pliocene		
17147	late Miocene Delmontian Stage		
17148	See strat column for details		
17149	Cretaceous		
17150	Cretaceous		
17151	Cretaceous		
17152	Cretaceous		
17153	Cretaceous		
17154	Cretaceous		
17155	Cretaceous		
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17170	Cretaceous		

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1	ZONE/STAGE/SERIES/AGE		
17171	Cretaceous		
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17244	Cretaceous		

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1	ZONE/STAGE/SERIES/AGE		
17245	Cretaceous		
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17299	Cretaceous		
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17311	Cretaceous		
17312	Cretaceous		
17313	Cretaceous		
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17315	Cretaceous		
17316	Cretaceous		
17317	Cretaceous		
17318	Cretaceous		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
17319	Cretaceous		
17320	Cretaceous		
17321	Cretaceous		
17322	Cretaceous		
17323	Cretaceous		
17324	Cretaceous		
17325	Cretaceous		
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17340	Cretaceous		
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17363	Cretaceous		
17364	Cretaceous		
17365	Cretaceous		
17366	Cretaceous		
17367	Cretaceous		
17368	Cretaceous		
17369	Cretaceous		
17370	Cretaceous		
17371	Cretaceous		
17372	Cretaceous		
17373	Cretaceous		
17374	Cretaceous		
17375	Cretaceous		
17376	Pliocene		
17377	Miocene		
17378	early Miocene Saucesian? Stage		
17379	Tertiary		
17380	middle Miocene		
17381	early Miocene upper Saucesian Stage		
17382	Late Cretaceous F Zone		
17383	Pliocene		
17384	Pliocene		
17385	Miocene		
17386	Eocene		
17387	middle and late Miocene upper Mohnian Stage		
17388	middle and late Miocene Mohnian Stage		
17389	Pliocene		
17390	Pliocene		
17391	Pliocene		
17392	Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
17393	Pliocene		
17394	Pliocene		
17395	Eocene		
17396	Eocene		
17397	Eocene		
17398	Eocene		
17399	Eocene		
17400	Eocene		
17401	Eocene		
17402	early Miocene Relizian Stage		
17403	Eocene		
17404	Eocene		
17405	Eocene		
17406	Eocene		
17407	Eocene		
17408	Eocene		
17409	Eocene		
17410	Eocene		
17411	early Miocene Relizian Stage		
17412	early Miocene Relizian Stage		
17413	Pliocene		
17414	Pliocene		
17415	Pliocene		
17416	Pliocene		
17417	middle Miocene		
17418	middle Miocene		
17419	middle Miocene		
17420	Pliocene		
17421	Eocene		
17422	Eocene		
17423	Eocene		
17424	Eocene		
17425	Eocene		
17426	Eocene		
17427	Eocene		
17428	Pliocene		
17429	Eocene		
17430	Eocene		
17431	Eocene		
17432	Eocene		
17433	Eocene		
17434	Eocene		
17435	Eocene		
17436	Eocene		
17437	Eocene		
17438	Eocene		
17439	Eocene		
17440	Eocene		
17441	Eocene		
17442	Eocene		
17443	Eocene		
17444	Eocene		
17445	Eocene		
17446	Eocene		
17447	Eocene		
17448	Pliocene		
17449	mixed Pliocene and Miocene		
17450	Eocene		
17451	Eocene		
17452	Eocene		
17453	Eocene		
17454	Eocene		
17455	Miocene		
17456	middle and late Miocene lower Mohnian Stage		
17457	Eocene		
17458	Eocene		
17459	Eocene		
17460	Eocene		
17461	Eocene		
17462	Eocene		
17463	Eocene		
17464	Eocene		
17465	Eocene		
17466	Eocene		

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1	ZONE/STAGE/SERIES/AGE		
17467	Cretaceous arenaceous foraminifers		
17468	Cretaceous arenaceous foraminifers		
17469	Cretaceous arenaceous foraminifers		
17470	Miocene		
17471	Eocene		
17472	Mixed Cretaceous and Eocene. Reworking?		
17473	Mixed Cretaceous and Eocene. Reworking?		
17474	Mixed Cretaceous and Eocene. Reworking?		
17475	Mixed Cretaceous and Eocene. Reworking?		
17476	Mixed Cretaceous and Eocene. Reworking?		
17477	Mixed Cretaceous and Eocene. Reworking?		
17478	Mixed Cretaceous and Eocene. Reworking?		
17479	Mixed Cretaceous and Eocene. Reworking?		
17480	Mixed Cretaceous and Eocene. Reworking?		
17481	Mixed Cretaceous and Eocene. Reworking?		
17482	Mixed Cretaceous and Eocene. Reworking?		
17483	Mixed Cretaceous and Eocene. Reworking?		
17484	Mixed Cretaceous and Eocene. Reworking?		
17485	Mixed Cretaceous and Eocene. Reworking?		
17486	Mixed Cretaceous and Eocene. Reworking?		
17487	Mixed Cretaceous and Eocene. Reworking?		
17488	Mixed Cretaceous and Eocene. Reworking?		
17489	Mixed Cretaceous and Eocene. Reworking?		
17490	Mixed Cretaceous and Eocene. Reworking?		
17491	Mixed Cretaceous and Eocene. Reworking?		
17492	Mixed Cretaceous and Eocene. Reworking?		
17493	Mixed Cretaceous and Eocene. Reworking?		
17494	Mixed Cretaceous and Eocene. Reworking?		
17495	Mixed Cretaceous and Eocene. Reworking?		
17496	Mixed Cretaceous and Eocene. Reworking?		
17497	Mixed Cretaceous and Eocene. Reworking?		
17498	Mixed Cretaceous and Eocene. Reworking?		
17499	Mixed Cretaceous and Eocene. Reworking?		
17500	Mixed Cretaceous and Eocene. Reworking?		
17501	Mixed Cretaceous and Eocene. Reworking?		
17502	Mixed Cretaceous and Eocene. Reworking?		
17503	Mixed Cretaceous and Eocene. Reworking?		
17504	Mixed Cretaceous and Eocene. Reworking?		
17505	Mixed Cretaceous and Eocene. Reworking?		
17506	Mixed Cretaceous and Eocene. Reworking?		
17507	Mixed Cretaceous and Eocene. Reworking?		
17508	Mixed Cretaceous and Eocene. Reworking?		
17509	Mixed Cretaceous and Eocene. Reworking?		
17510	Mixed Cretaceous and Eocene. Reworking?		
17511	Eocene?		
17512	Eocene		
17513	Eocene		
17514	Eocene		
17515	Eocene		
17516	Eocene		
17517	Eocene		
17518	Eocene		
17519	Eocene		
17520	Eocene		
17521	Eocene		
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17535	Eocene		
17536	Eocene		
17537	Eocene		
17538	Eocene		
17539	Eocene		
17540	Eocene		

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1	ZONE/STAGE/SERIES/AGE		
17541	Eocene		
17542	Eocene		
17543	Eocene		
17544	Eocene		
17545	Eocene		
17546	Eocene		
17547	Eocene		
17548	Eocene		
17549	Eocene		
17550	Eocene		
17551	Mixed Cretaceous and Eocene. Reworking?		
17552	Mixed Cretaceous and Eocene. Reworking?		
17553	Mixed Cretaceous and Eocene. Reworking?		
17554	Mixed Cretaceous and Eocene. Reworking?		
17555	Mixed Cretaceous and Eocene. Reworking?		
17556	Mixed Cretaceous and Eocene. Reworking?		
17557	Mixed Cretaceous and Eocene. Reworking?		
17558	Mixed Cretaceous and Eocene. Reworking?		
17559	Mixed Cretaceous and Eocene. Reworking?		
17560	Mixed Cretaceous and Eocene. Reworking?		
17561	Mixed Cretaceous and Eocene. Reworking?		
17562	Mixed Cretaceous and Eocene. Reworking?		
17563	Mixed Cretaceous and Eocene. Reworking?		
17564	Mixed Cretaceous and Eocene. Reworking?		
17565	Mixed Cretaceous and Eocene. Reworking?		
17566	Mixed Cretaceous and Eocene. Reworking?		
17567	Mixed Cretaceous and Eocene. Reworking?		
17568	Mixed Cretaceous and Eocene. Reworking?		
17569	Mixed Cretaceous and Eocene. Reworking?		
17570	Mixed Cretaceous and Eocene. Reworking?		
17571	Mixed Cretaceous and Eocene. Reworking?		
17572	Mixed Cretaceous and Eocene. Reworking?		
17573	Mixed Cretaceous and Eocene. Reworking?		
17574	Mixed Cretaceous and Eocene. Reworking?		
17575	Mixed Cretaceous and Eocene. Reworking?		
17576	Mixed Cretaceous and Eocene. Reworking?		
17577	Mixed Cretaceous and Eocene. Reworking?		
17578	Mixed Cretaceous and Eocene. Reworking?		
17579	Early Cretaceous J-1 Zone		
17580	middle Miocene Luisian? Stage		
17581	early Miocene Relizian Stage		
17582	early Miocene Relizian Stage		
17583	Eocene		
17584	possibly early Miocene Relizian Stage		
17585	Eocene		
17586	middle Miocene lower Luisian Stage		
17587	early Pliocene		
17588	early to middle Miocene Saucesian to Luisian Stage		
17589	early Miocene Relizian Stage		
17590	early Miocene Saucesian Stage		
17591	early Miocene Saucesian Stage		
17592	early Miocene Relizian Stage		
17593	early Eocene B-4 Zone (NP correlation)		
17594	Late Cretaceous		
17595	early Miocene Relizian Stage		
17596	Late Cretaceous		
17597	early to middle Miocene Saucesian to Luisian Stage		
17598	Late Cretaceous		
17599	Late Cretaceous		
17600	Late Cretaceous		
17601	Late Cretaceous		
17602	Late Cretaceous		
17603	late Miocene or Pliocene		
17604	Late Cretaceous		
17605	Late Cretaceous		
17606	Late Cretaceous		
17607	probably middle Miocene		
17608	early Miocene lower Relizian Stage		
17609	early Miocene Saucesian Stage		
17610	middle Miocene		
17611	early Miocene Relizian Stage		
17612	middle Miocene Luisian Stage		
17613	early Miocene Relizian Stage		
17614	middle Miocene Luisian Stage		

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1	ZONE/STAGE/SERIES/AGE		
17615	middle Miocene Luisian Stage		
17616	middle Miocene Luisian Stage		
17617	early Miocene Relizian Stage		
17618	early Miocene Relizian Stage		
17619	early Miocene Saucesian Stage		
17620	middle Miocene Luisian Stage		
17621	possibly middle Miocene Luisian Stage		
17622	Pliocene		
17623	Pliocene		
17624	Pleistocene		
17625	late Pliocene		
17626	early Miocene lower Relizian Stage		
17627	Pliocene		
17628	Pliocene		
17629	Eocene		
17630	middle Miocene Luisian Stage		
17631	middle Miocene Luisian Stage		
17632	Late Cretaceous arenaceous foraminifers		
17633	Late Cretaceous arenaceous foraminifers		
17634	middle Eocene A-2 Zone		
17635	late Miocene Delmontian? Stage		
17636	Pliocene		
17637	probably Pliocene		
17638	Pliocene		
17639	Pliocene		
17640	middle Eocene A-2 Zone		
17641	middle Eocene A-2 Zone		
17642	middle Eocene A-2 Zone		
17643	early Miocene Saucesian Stage		
17644	middle Miocene Luisian Stage		
17645	early or middle Miocene		
17646	Late Cretaceous F-1 Zone		
17647	Late Cretaceous F-1 Zone		
17648	Late Cretaceous F-1 Zone		
17649	Late Cretaceous F-1 Zone		
17650	Late Cretaceous F-1 Zone		
17651	Late Cretaceous F-1 Zone		
17652	Late Cretaceous F-1 Zone		
17653	Late Cretaceous F-2 Zone		
17654	Late Cretaceous F-2 Zone		
17655	Late Cretaceous F-1 Zone		
17656	Late Cretaceous F-1 Zone		
17657	Late Cretaceous F-2 Zone		
17658	Late Cretaceous F-1 Zone		
17659	Late Cretaceous F-1 Zone		
17660	Late Cretaceous F-1 Zone		
17661	Late Cretaceous F-1 Zone		
17662	probably Late Cretaceous F-1		
17663	probably Late Cretaceous F-1		
17664	probably Late Cretaceous F-1		
17665	probably Late Cretaceous F-1		
17666	probably Late Cretaceous F-1		
17667	probably Late Cretaceous F-1		
17668	Late Cretaceous F-1 Zone		
17669	Late Cretaceous F-1 Zone		
17670	Late Cretaceous F-1 Zone		
17671	Late Cretaceous F-1 Zone		
17672	Late Cretaceous F-1 Zone		
17673	middle and late Miocene Mohnian Stage		
17674	Late Cretaceous F-1 Zone		
17675	Late Cretaceous F-1 Zone		
17676	middle and late Miocene Mohnian Stage		
17677	Late Cretaceous G-1 Zone		
17678	Late Cretaceous G-1 Zone		
17679	Late Cretaceous G-1 Zone		
17680	Late Cretaceous F-1? Zone		
17681	Late Cretaceous F-1? Zone		
17682	Late Cretaceous F-1? Zone		
17683	middle and late Miocene Mohnian Stage		
17684	Late Cretaceous G-1 Zone; also has NP		
17685	Late Cretaceous G-1 Zone		
17686	Late Cretaceous G-1 Zone		
17687	Late Cretaceous G-1 Zone		
17688	Late Cretaceous G-1 Zone		

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1	ZONE/STAGE/SERIES/AGE		
17689	Late Cretaceous G-1 Zone		
17690	Late Cretaceous G-1 Zone		
17691	Late Cretaceous G-1 Zone		
17692	Late Cretaceous G-1 Zone		
17693	middle and late Miocene Mohnian Stage		
17694	Late Cretaceous G-1 Zone		
17695	Late Cretaceous G-1 Zone		
17696	Late Cretaceous G-1 Zone		
17697	Late Cretaceous G-1 Zone		
17698	Late Cretaceous G-1 Zone		
17699	Late Cretaceous G-1 Zone		
17700	Late Cretaceous G-1 Zone		
17701	Late Cretaceous G-1 Zone		
17702	Late Cretaceous G-1 Zone		
17703	Late Cretaceous G-1 Zone		
17704	Late Cretaceous G-1 Zone		
17705	Late Cretaceous G-1 Zone		
17706	Late Cretaceous G-1 Zone		
17707	Late Cretaceous G-1 Zone		
17708	Late Cretaceous G-1 Zone		
17709	Late Cretaceous G-1 Zone		
17710	Late Cretaceous G-1 Zone		
17711	Late Cretaceous G-1 Zone		
17712	Late Cretaceous G-1 Zone		
17713	Late Cretaceous G-1 Zone		
17714	Late Cretaceous G-1 Zone		
17715	Late Cretaceous G-1 Zone		
17716	Late Cretaceous G-1 Zone		
17717	middle and late Miocene Mohnian Stage		
17718	Late Cretaceous G-1 Zone		
17719	Late Cretaceous G-1 Zone		
17720	Late Cretaceous G-1 Zone		
17721	Late Cretaceous G-1 Zone		
17722	Late Cretaceous G-1 Zone		
17723	Late Cretaceous G-1 Zone		
17724	Late Cretaceous G-1 Zone		
17725	Late Cretaceous G-1 Zone		
17726	Late Cretaceous G-1 Zone		
17727	Late Cretaceous G-1 Zone		
17728	Late Cretaceous G-1 Zone		
17729	Late Cretaceous G-1 Zone		
17730	Late Cretaceous F-1 or G-1 Zone		
17731	Late Cretaceous F-1 or G-1 Zone		
17732	Late Cretaceous F-1 or F-2 Zone		
17733	Late Cretaceous F-1 Zone		
17734	middle and late Miocene Mohnian Stage		
17735	Late Cretaceous G-1 Zone		
17736	Late Cretaceous F-1 or G-1 Zone		
17737	Late Cretaceous F-1 or G-1 Zone		
17738	Late Cretaceous arenaceous foraminifers		
17739	Late Cretaceous F-1 Zone		
17740	Late Cretaceous F-1 Zone		
17741	Late Cretaceous F-1 Zone		
17742	Late Cretaceous F-1 Zone		
17743	Late Cretaceous F-1 Zone		
17744	middle Eocene		
17745	Late Cretaceous F-1 Zone		
17746	Late Cretaceous F-1 Zone		
17747	Late Cretaceous F-1 Zone		
17748	Late Cretaceous F-1 Zone		
17749	Late Cretaceous F-1 Zone		
17750	Late Cretaceous F-1 Zone		
17751	Late Cretaceous F-1 Zone		
17752	Late Cretaceous F-1 Zone		
17753	Late Cretaceous F-1 Zone		
17754	Late Cretaceous F-2 Zone		
17755	Late Cretaceous F-2 Zone		
17756	middle? Miocene		
17757	probably Early Cretaceous L Zone		
17758	Jurassic?		
17759	Jurassic?		
17760	Jurassic?		
17761	Jurassic?		
17762	Jurassic?		

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1	ZONE/STAGE/SERIES/AGE		
17763	Jurassic?		
17764	Jurassic?		
17765	Oligocene lower Zemorrian Stage		
17766	Oligocene lower Zemorrian Stage		
17767	Jurassic?		
17768	middle and late Miocene lower Mohnian Stage		
17769	early Miocene lower Relizian Stage		
17770	early or middle Miocene Relizian or Luisian Stage		
17771	early Miocene Relizian Stage		
17772	middle Miocene Luisian Stage		
17773	early Miocene Relizian Stage		
17774	middle and late Miocene lower Mohnian Stage		
17775	middle and late Miocene lower Mohnian Stage		
17776	middle and late Miocene lower Mohnian Stage		
17777	middle and late Miocene Mohnian Stage		
17778	early or middle Miocene		
17779	early Miocene Relizian Stage		
17780	middle and late Miocene upper Mohnian Stage		
17781	Eocene		
17782	Eocene		
17783	middle Eocene		
17784	middle and late Miocene Mohnian Stage		
17785	middle Eocene A-2 Zone		
17786	middle Eocene A-2 Zone		
17787	middle Eocene A-2 Zone		
17788	middle Eocene A-2 Zone		
17789	middle Eocene A-2 Zone		
17790	middle Eocene A-2 Zone		
17791	middle Eocene A-2 Zone		
17792	middle Miocene Luisian Stage		
17793	middle and late Miocene Mohnian Stage		
17794	middle and late Miocene lower Mohnian Stage		
17795	late Miocene		
17796	middle Miocene Luisian Stage		
17797	early Miocene Relizian Stage		
17798	middle and late Miocene Mohnian Stage		
17799	middle and late Miocene Mohnian Stage		
17800	middle and late Miocene Mohnian Stage		
17801	middle and late Miocene lower Mohnian Stage		
17802	Eocene		
17803	Pliocene		
17804	Eocene		
17805	middle and late Miocene lower Mohnian Stage		
17806	middle and late Miocene lower Mohnian Stage		
17807	middle Miocene upper Luisian Stage		
17808	middle Miocene upper Luisian Stage		
17809	middle Miocene upper Luisian Stage		
17810	early or middle Miocene Relizian or Luisian Stage		
17811	Eocene?		
17812	Eocene?		
17813	late Eocene Refugian? Stage		
17814	Cretaceous		
17815	early Eocene C Zone		
17816	Late Cretaceous		
17817	early Eocene D? zone		
17818	early Eocene D? zone		
17819	middle Miocene Luisian Stage		
17820	early Pliocene		
17821	middle Miocene upper Luisian Stage		
17822	middle Miocene upper Luisian Stage		
17823	middle Miocene upper Luisian Stage		
17824	Eocene		
17825	Eocene		
17826	Eocene		
17827	Cretaceous		
17828	Cretaceous		
17829	Eocene		
17830	Cretaceous		
17831	mixture of Cretaceous and Eocene faunas		
17832	Eocene		
17833	Cretaceous		
17834	Eocene?		
17835	Eocene		
17836	middle Eocene Nortonville fauna		

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1	ZONE/STAGE/SERIES/AGE		
17837	middle Eocene Nortonville fauna		
17838	middle Eocene Nortonville fauna		
17839	middle Eocene Nortonville fauna		
17840	middle Eocene Nortonville fauna		
17841	middle Eocene Nortonville fauna		
17842	middle Eocene Nortonville fauna		
17843	middle Eocene Nortonville fauna		
17844	Eocene		
17845	Eocene		
17846	Eocene		
17847	Eocene		
17848	Eocene		
17849	Eocene		
17850	Eocene		
17851	Eocene		
17852	Eocene		
17853	Eocene		
17854	Eocene		
17855	Eocene		
17856	Eocene		
17857	Eocene		
17858	middle Eocene A-2 Zone		
17859	middle Eocene A-2 Zone		
17860	middle Eocene A-1 Zone		
17861	Eocene?		
17862	middle and late Miocene Mohnian? Stage		
17863	middle and late Miocene Mohnian? Stage		
17864	middle Miocene Luisian Stage		
17865	early Miocene Relizian Stage		
17866	middle Miocene		
17867	middle Miocene Luisian? Stage		
17868	early Miocene Relizian Stage		
17869	Miocene		
17870	Miocene		
17871	early or middle Miocene Relizian or Luisian Stage		
17872	middle Miocene Luisian Stage		
17873	early Miocene lower Relizian Stage		
17874	early Miocene Relizian Stage		
17875	early Miocene lower Relizian Stage		
17876	middle Miocene		
17877	early or middle Miocene Relizian or Luisian Stage		
17878	middle Miocene Luisian Stage		
17879	middle Miocene Luisian Stage		
17880	middle Miocene Luisian Stage		
17881	middle Miocene		
17882	early or middle Miocene Relizian or Luisian Stage		
17883	middle Miocene Luisian Stage		
17884	middle Miocene Luisian Stage		
17885	middle Miocene Luisian Stage		
17886	middle Miocene Luisian Stage		
17887	middle Miocene Luisian Stage		
17888	middle Miocene		
17889	middle and late Miocene upper Mohnian Stage		
17890	middle and late Miocene upper Mohnian Stage		
17891	middle and late Miocene upper Mohnian Stage		
17892	middle and late Miocene upper Mohnian Stage		
17893	middle and late Miocene upper Mohnian Stage		
17894	middle and late Miocene upper Mohnian Stage		
17895	middle and late Miocene upper Mohnian Stage		
17896	middle and late Miocene upper Mohnian Stage		
17897	middle and late Miocene upper Mohnian Stage		
17898	early Miocene Relizian? Stage		
17899	middle and late Miocene upper Mohnian Stage		
17900	early Miocene Relizian? Stage		
17901	middle and late Miocene upper Mohnian Stage		
17902	middle and late Miocene upper Mohnian Stage		
17903	late Miocene		
17904	middle and late Miocene upper Mohnian Stage		
17905	middle Miocene Luisian Stage		
17906	middle Miocene Luisian Stage		
17907	middle Miocene upper Luisian Stage		
17908	middle Miocene upper Luisian Stage		
17909	late Miocene or Pliocene		
17910	late Miocene or Pliocene		

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1	ZONE/STAGE/SERIES/AGE		
17911	late Miocene		
17912	middle and late Miocene lower Mohnian Stage		
17913	middle Miocene Luisian Stage		
17914	middle Miocene Luisian Stage		
17915	middle Miocene Luisian Stage		
17916	middle Miocene lower Luisian Stage		
17917	early Miocene upper Relizian Stage		
17918	early Miocene upper Relizian Stage		
17919	early Miocene Relizian or middle Miocene Luisian Stage		
17920	early or middle Miocene		
17921	middle and late Miocene Mohnian Stage		
17922	late Miocene		
17923	middle and late Miocene lower Mohnian Stage		
17924	middle and late Miocene lower Mohnian Stage		
17925	early Miocene Relizian Stage		
17926	middle Miocene		
17927	early Miocene upper Relizian Stage		
17928	late Miocene		
17929	late Miocene		
17930	late Miocene		
17931	late Miocene		
17932	late Miocene Delmontian Stage		
17933	late Miocene		
17934	middle and late Miocene Mohnian Stage		
17935	middle Miocene Luisian? Stage		
17936	middle Miocene Luisian Stage		
17937	middle and late Miocene upper Mohnian Stage		
17938	middle and late Miocene lower Mohnian Stage		
17939	middle and late Miocene lower Mohnian Stage		
17940	middle and late Miocene lower Mohnian Stage		
17941	late? Miocene		
17942	middle Miocene Luisian? Stage		
17943	middle Miocene Luisian? Stage		
17944	Miocene		
17945	middle Miocene		
17946	middle Miocene		
17947	early or middle Miocene		
17948	middle Miocene Luisian Stage		
17949	middle Miocene Luisian Stage		
17950	late Miocene megafossils		
17951	late Miocene or Pliocene (sc indicates Mohnian Stage)		
17952	late Miocene or Pliocene (sc indicates Mohnian Stage)		
17953	middle and late Miocene Mohnian Stage		
17954	late Miocene ?		
17955	middle and late Miocene lower Mohnian Stage		
17956	probably middle and late Miocene Mohnian Stage		
17957	early Miocene lower Relizian Stage		
17958	Cretaceous		
17959	Eocene, etc - difficult to read paleo notes		
17960	see reference loc 1654		
17961	late Miocene megafossils		
17962	Cretaceous		
17963	early or middle Miocene		
17964	Miocene or Pliocene		
17965	middle and late Miocene Mohnian Stage		
17966	early Miocene Relizian or Saucesian Stage		
17967	middle and late Miocene upper Mohnian Stage		
17968	middle and late Miocene upper? Mohnian Stage		
17969	early Miocene Saucesian or Relizian Stage		
17970	early Miocene Saucesian or Relizian Stage		
17971	middle and late Miocene Mohnian Stage		
17972	middle Miocene		
17973	middle Miocene		
17974	middle Miocene		
17975	early Miocene Saucesian? Stage		
17976	late Miocene or Pliocene		
17977	late Miocene		
17978	late? Miocene		
17979	late? Miocene megafossils		
17980	middle and late Miocene Mohnian Stage		
17981	early Miocene Saucesian Stage		
17982	late Miocene		
17983	early or middle Miocene		
17984	late Miocene Delmontian? Stage		

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1	**ZONE/STAGE/SERIES/AGE**		
17985	late Miocene Delmontian? Stage		
17986	early Miocene Relizian Stage		
17987	early Miocene Relizian? Stage		
17988	possibly lower Luisian Stage		
17989	early Miocene Relizian Stage		
17990	Eocene?		
17991	Miocene		
17992	Miocene		
17993	middle and late Miocene lower Mohnian Stage		
17994	middle and late Miocene Mohnian Stage		
17995	early Miocene Relizian Stage		
17996	early Miocene Relizian? Stage		
17997	early Miocene Saucesian Stage or Relizian Stage		
17998	early Miocene?		
17999	early Miocene?		
18000	probably early Miocene Saucesian Stage		
18001	early Miocene Relizian Stage		
18002	early Miocene Saucesian Stage		
18003	Miocene		
18004	middle Miocene Luisian? Stage		
18005	Oligocene Zemorrian or early Miocene Saucesian Stage		
18006	late Miocene megafossils		
18007	early Miocene Relizian Stage		
18008	Oligocene Zemorrian or early Miocene Saucesian Stage		
18009	early Miocene Relizian Stage		
18010	early Miocene Relizian Stage		
18011	early Miocene Relizian Stage		
18012	Late Cretaceous or Paleocene		
18013	Oligocene Zemorrian Stage		
18014	Oligocene lower Zemorrian Stage		
18015	early Miocene		
18016	early Miocene		
18017	middle Miocene Luisian Stage		
18018	middle Miocene Luisian Stage		
18019	middle Miocene Luisian Stage		
18020	Oligocene Zemorrian Stage		
18021	middle Miocene Luisian? Stage		
18022	middle Miocene Luisian Stage		
18023	middle Miocene Luisian? Stage		
18024	middle and late Miocene upper Mohnian Stage		
18025	late? Miocene		
18026	late Miocene		
18027	middle and late Miocene lower Mohnian Stage		
18028	early or middle Miocene		
18029	early or middle Miocene		
18030	early or middle Miocene		
18031	middle and late Miocene lower Mohnian Stage		
18032	Pliocene		
18033	early Miocene Relizian Stage		
18034	early Miocene Relizian Stage		
18035	middle Miocene Luisian Stage		
18036	middle Miocene lower Luisian Stage		
18037	early Miocene		
18038	early Miocene upper Saucesian Stage		
18039	middle and late Miocene lower Mohnian Stage		
18040	middle and late Miocene lower Mohnian Stage		
18041	early? Miocene		
18042	Eocene		
18043	Eocene		
18044	Eocene		
18045	Eocene		
18046	Eocene?		
18047	Eocene		
18048	early Miocene Relizian Stage		
18049	middle and late Miocene Mohnian Stage		
18050	early Miocene upper Relizian Stage		
18051	late Miocene		
18052	probably middle Miocene Luisian Stage		
18053	early Miocene Relizian? Stage		
18054	early Miocene Relizian Stage		
18055	middle Eocene A-2 Zone		
18056	early Miocene Saucesian Stage		
18057	possibly late Eocene Refugian Stage		
18058	early Miocene Relizian Stage		

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1	**ZONE/STAGE/SERIES/AGE**		
18059	early Miocene Saucesian? Stage		
18060	middle and late Miocene lower Mohnian Stage		
18061	late Miocene		
18062	Pliocene		
18063	middle and late Miocene upper Mohnian Stage		
18064	middle and late Miocene upper Mohnian Stage		
18065	middle Miocene Luisian Stage		
18066	middle and late Miocene lower Mohnian Stage		
18067	middle and late Miocene lower Mohnian Stage		
18068	late Miocene		
18069	late Miocene		
18070	early Miocene Relizian? Stage		
18071	early Miocene Relizian Stage		
18072	early Miocene lower Relizian Stage		
18073	early Miocene upper Relizian Stage		
18074	early Miocene upper Relizian Stage		
18075	early or middle Miocene		
18076	early or middle Miocene		
18077	early or middle Miocene		
18078	middle and late Miocene Mohnian Stage		
18079	probably early Miocene Relizian Stage		
18080	middle and late Miocene Mohnian Stage		
18081	middle and late Miocene Mohnian Stage		
18082	middle and late Miocene Mohnian Stage		
18083	late Miocene		
18084	late Miocene		
18085	middle Miocene lower Luisian Stage		
18086	middle Miocene Luisian Stage		
18087	middle Miocene lower Luisian Stage		
18088	middle Miocene Luisian Stage		
18089	Miocene?		
18090	middle Miocene upper Luisian Stage		
18091	early or middle Miocene		
18092	middle Miocene Luisian Stage		
18093	Miocene?		
18094	early or middle Miocene		
18095	Oligocene Zemorrian Stage		
18096	early Miocene Relizian Stage		
18097	early Miocene		
18098	early Miocene		
18099	Oligocene Zemorrian or early Miocene Saucesian Stage		
18100	Oligocene Zemorrian or early Miocene Saucesian Stage		
18101	Oligocene Zemorrian or early Miocene Saucesian Stage		
18102	Oligocene Zemorrian or early Miocene Saucesian Stage		
18103	Oligocene Zemorrian or early Miocene Saucesian Stage		
18104	Oligocene Zemorrian or early Miocene Saucesian Stage		
18105	middle and late Miocene Mohnian Stage		
18106	late Miocene		
18107	early Miocene upper Relizian Stage		
18108	Oligocene Zemorrian Stage		
18109	early Miocene lower Relizian Stage		
18110	early Miocene Relizian Stage		
18111	early or middle Miocene		
18112	early or middle Miocene		
18113	early Miocene Relizian Stage		
18114	early Miocene Relizian Stage		
18115	probably early Miocene Relizian Stage		
18116	early Miocene lower Relizian Stage		
18117	early Miocene lower Relizian Stage		
18118	early Miocene lower Relizian Stage		
18119	early Miocene lower Relizian Stage		
18120	probably early Miocene Relizian Stage		
18121	probably early Miocene Relizian Stage		
18122	late Miocene Delmontian? Stage		
18123	Oligocene Zemorrian Stage		
18124	Oligocene Zemorrian Stage		
18125	middle Miocene Luisian Stage		
18126	middle Miocene Luisian Stage		
18127	middle? Miocene		
18128	middle Miocene Luisian? Stage		
18129	early or middle Miocene		
18130	middle and late Miocene Mohnian? Stage		
18131	middle and late Miocene Mohnian? Stage		
18132	middle and late Miocene Mohnian? Stage		

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1	ZONE/STAGE/SERIES/AGE		
18133	early or middle Miocene		
18134	early Miocene Relizian Stage		
18135	middle Miocene lower Luisian Stage		
18136	middle Miocene Luisian Stage		
18137	middle and late Miocene lower Mohnian Stage		
18138	middle Miocene Luisian Stage		
18139	middle Miocene Luisian Stage		
18140	middle and late Miocene lower Mohnian Stage		
18141	middle Miocene Luisian Stage		
18142	middle Miocene Luisian Stage		
18143	middle Miocene		
18144	middle Miocene		
18145	middle Miocene		
18146	middle Miocene		
18147	middle Miocene Luisian Stage		
18148	early Miocene Relizian Stage		
18149	middle Miocene		
18150	early Miocene Relizian Stage		
18151	Oligocene Zemorrian Stage		
18152	early Miocene		
18153	middle Miocene Luisian Stage		
18154	middle Miocene		
18155	early Miocene		
18156	Pliocene		
18157	early Miocene		
18158	early Miocene		
18159	early Miocene		
18160	Oligocene Zemorrian Stage		
18161	Oligocene Zemorrian Stage		
18162	Oligocene Zemorrian Stage		
18163	early Miocene		
18164	middle Miocene		
18165	Cretaceous?		
18166	late Miocene?		
18167	early Miocene Saucesian or Relizian Stage		
18168	early or middle Miocene Relizian or Luisian Stage		
18169	Cretaceous? arenaceous foraminifers		
18170	Cretaceous? arenaceous foraminifers		
18171	Late Cretaceous arenaceous foraminifers		
18172	Cretaceous arenaceous foraminifers		
18173	Late Cretaceous arenaceous foraminifers		
18174	Late Cretaceous arenaceous foraminifers		
18175	Late Cretaceous arenaceous foraminifers		
18176	early Miocene upper Relizian Stage		
18177	early Miocene lower Relizian Stage		
18178	early Miocene Relizian Stage		
18179	early Miocene Relizian Stage		
18180	middle Miocene Luisian Stage		
18181	Oligocene Zemorrian Stage		
18182	Oligocene Zemorrian Stage		
18183	early Miocene		
18184	Cretaceous? arenaceous foraminifers		
18185	Late Cretaceous arenaceous foraminifers		
18186	Late Cretaceous arenaceous foraminifers		
18187	Late Cretaceous arenaceous foraminifers		
18188	early Miocene upper Relizian Stage		
18189	early Miocene upper Relizian Stage		
18190	middle Miocene Luisian Stage		
18191	middle Miocene Luisian Stage		
18192	middle Miocene Luisian Stage		
18193	middle Miocene Luisian Stage		
18194	middle Miocene Luisian Stage		
18195	middle and late Miocene lower Mohnian? Stage		
18196	Eocene		
18197	Eocene		
18198	Eocene		
18199	Eocene		
18200	middle Miocene		
18201	Eocene		
18202	Eocene		
18203	Eocene		
18204	middle Eocene A-2 Zone		
18205	Eocene		
18206	Eocene		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
18207	middle Miocene lower Luisian Stage		
18208	early Miocene		
18209	middle and late Miocene lower Mohnian Stage		
18210	middle Eocene A-2 Zone		
18211	early Miocene Relizian Stage		
18212	early Miocene lower Relizian Stage		
18213	Eocene		
18214	early Miocene Saucesian or Relizian Stage		
18215	Eocene		
18216	middle or late Miocene		
18217	early Miocene lower Relizian Stage		
18218	early Miocene lower Relizian Stage		
18219	early Miocene lower Relizian Stage		
18220	late Miocene		
18221	late Miocene		
18222	Eocene		
18223	Eocene		
18224	Eocene		
18225	Oligocene Zemorrian Stage		
18226	Oligocene Zemorrian Stage		
18227	Oligocene Zemorrian Stage		
18228	Eocene		
18229	Eocene		
18230	Eocene		
18231	early Miocene Saucesian Stage		
18232	early Miocene Saucesian Stage		
18233	early Miocene Saucesian or Relizian Stage		
18234	Miocene?		
18235	Miocene?		
18236	Miocene?		
18237	middle Miocene lower Luisian Stage		
18238	Late Cretaceous or Paleocene		
18239	middle Miocene lower Luisian Stage		
18240	middle Miocene lower Luisian Stage		
18241	middle Miocene lower Luisian Stage		
18242	middle Miocene lower Luisian Stage		
18243	middle Miocene Luisian Stage		
18244	middle Miocene Luisian Stage		
18245	middle? Miocene		
18246	middle? Miocene		
18247	middle Miocene Luisian Stage		
18248	middle Miocene Luisian? Stage		
18249	early Miocene Saucesian Stage		
18250	early Miocene Saucesian Stage		
18251	Miocene?		
18252	Miocene?		
18253	middle and late Miocene Mohnian? Stage		
18254	early Miocene lower Relizian Stage		
18255	middle Miocene Luisian Stage		
18256	middle Miocene Luisian Stage		
18257	middle Miocene Luisian Stage		
18258	ostracods etc		
18259	middle Miocene Luisian Stage		
18260	Eocene		
18261	middle Miocene Luisian Stage		
18262	Eocene		
18263	middle Miocene Luisian Stage		
18264	Eocene		
18265	middle Miocene Luisian Stage		
18266	middle Miocene Luisian Stage		
18267	Miocene		
18268	middle Miocene Luisian Stage		
18269	middle Miocene Luisian Stage		
18270	middle Miocene Luisian Stage		
18271	middle Miocene Luisian Stage		
18272	middle Miocene Luisian Stage		
18273	middle Miocene Luisian Stage		
18274	middle Miocene Luisian Stage		
18275	middle Miocene Luisian Stage		
18276	middle Miocene Luisian? Stage		
18277	middle and late Miocene lower Mohnian Stage		
18278	possibly middle and late Miocene Mohnian Stage		
18279	Eocene		
18280	middle and late Miocene lower Mohnian Stage		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
18281	middle and late Miocene Mohnian Stage		
18282	middle and late Miocene lower Mohnian Stage		
18283	middle and late Miocene Mohnian Stage		
18284	middle and late Miocene Mohnian Stage		
18285	late Miocene or Pliocene		
18286	late Miocene or Pliocene		
18287	middle and late Miocene lower Mohnian Stage		
18288	middle Miocene Luisian Stage		
18289	middle Miocene Luisian Stage		
18290	middle and late Miocene lower Mohnian Stage		
18291	middle and late Miocene Mohnian Stage		
18292	middle and late Miocene Mohnian? Stage		
18293	middle Eocene A-2 Zone		
18294	early Eocene		
18295	middle Miocene Luisian Stage		
18296	Miocene		
18297	middle Miocene Luisian Stage		
18298	middle Miocene Luisian Stage		
18299	Miocene		
18300	middle Miocene Luisian Stage		
18301	middle Miocene Luisian Stage		
18302	early Eocene		
18303	Eocene		
18304	middle and late Miocene lower Mohnian Stage		
18305	middle and late Miocene lower Mohnian Stage		
18306	middle and late Miocene lower Mohnian Stage		
18307	Pliocene		
18308	Miocene		
18309	middle and late Miocene lower Mohnian Stage		
18310	early Eocene		
18311	early Eocene		
18312	Pliocene		
18313	early Eocene or Cretaceous		
18314	Pliocene		
18315	early Eocene		
18316	Pliocene		
18317	early Eocene		
18318	early Eocene		
18319	Miocene		
18320	Miocene		
18321	middle Miocene Luisian Stage		
18322	Eocene		
18323	Eocene		
18324	Eocene		
18325	Eocene		
18326	Miocene		
18327	middle and late Miocene Mohnian Stage		
18328	middle Miocene Luisian Stage		
18329	middle and late Miocene lower Mohnian Stage		
18330	middle and late Miocene Mohnian? Stage		
18331	Oligocene or early Miocene		
18332	Pliocene		
18333	Oligocene or early Miocene		
18334	middle Miocene Luisian Stage		
18335	Oligocene or early Miocene		
18336	Pliocene		
18337	Pliocene		
18338	Oligocene lower Zemorrian Stage		
18339			
18340	Miocene		
18341	Pliocene		
18342	Pliocene		
18343	Pliocene		
18344	Eocene		
18345	early Eocene		
18346	early Eocene		
18347	middle and late Miocene lower Mohnian Stage		
18348	middle and late Miocene lower Mohnian Stage		
18349	early Eocene		
18350	middle Miocene Luisian Stage		
18351	middle Miocene Luisian? Stage		
18352	Paleocene		
18353	Paleocene		
18354	Paleocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
18355	Paleocene		
18356	early Eocene		
18357	early Eocene		
18358	Paleocene		
18359	early Eocene		
18360	early Eocene		
18361	early Eocene		
18362	early Eocene		
18363	early Eocene		
18364	early Eocene		
18365	early Eocene		
18366	early Eocene		
18367	early Eocene		
18368	early Eocene		
18369	early Eocene		
18370	early Eocene		
18371	Paleocene		
18372	Miocene		
18373	Eocene		
18374	Eocene		
18375	Pliocene		
18376	middle Eocene A-2 Zone		
18377	late Miocene		
18378	middle Eocene A-2 Zone		
18379	Pliocene		
18380	middle Eocene A-2 Zone		
18381	middle Eocene A-2 Zone		
18382	middle and late Miocene upper Mohnian Stage		
18383	middle Eocene A-2 Zone		
18384	middle Eocene A-2 Zone		
18385	Pliocene		
18386	Miocene or Pliocene		
18387	late Miocene or Pliocene		
18388	middle Eocene A Zone		
18389	middle Eocene A Zone		
18390	middle Eocene A Zone		
18391	middle Eocene A Zone		
18392	middle Eocene A Zone		
18393	Eocene?		
18394	middle Eocene A Zone		
18395	middle Eocene A Zone		
18396	middle Eocene A Zone		
18397	middle Eocene A Zone		
18398	middle Eocene A Zone		
18399	middle Eocene A Zone		
18400	middle Eocene A Zone		
18401	middle Eocene A Zone		
18402	late Paleocene E Zone		
18403	middle or early Eocene		
18404	early Eocene		
18405	middle Eocene A Zone		
18406	Miocene		
18407	Miocene		
18408	Miocene		
18409	Miocene		
18410	Miocene		
18411	Miocene		
18412	Miocene		
18413	Miocene		
18414	early Miocene Saucesian Stage		
18415	middle Eocene A-2 Zone		
18416	middle Eocene A-2 Zone		
18417	Cretaceous? arenaceous foraminifers		
18418	Late Cretaceous arenaceous foraminifers		
18419	Late Cretaceous arenaceous foraminifers		
18420	Eocene		
18421	early Miocene		
18422	early Miocene lower Relizian Stage		
18423	early Miocene lower Relizian Stage		
18424	Late Cretaceous arenaceous foraminifers		
18425	early Miocene		
18426	early Miocene lower Relizian Stage		
18427	middle Miocene Luisian Stage		
18428	early or middle Eocene		

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1	ZONE/STAGE/SERIES/AGE		
18429	early or middle Eocene		
18430	middle Eocene A Zone		
18431	early Eocene D Zone		
18432	early Eocene D Zone		
18433	early Eocene D Zone		
18434	early Eocene D Zone		
18435	early Eocene D Zone		
18436	early Eocene D Zone		
18437	early Eocene D Zone		
18438	early Eocene D Zone		
18439	early Eocene D Zone		
18440	early Eocene D Zone		
18441	early Eocene D Zone		
18442	early Eocene D Zone		
18443	early Eocene D Zone		
18444	early Eocene D Zone		
18445	early Eocene D Zone		
18446	Eocene		
18447	Pliocene		
18448	Pliocene		
18449	Pliocene		
18450	Pliocene		
18451	Pliocene		
18452	Oligocene upper Zemorrian Stage		
18453	Oligocene Zemorrian Stage		
18454	Oligocene Zemorrian? Stage		
18455	early Miocene Saucesian Stage		
18456	early Miocene Saucesian? Stage		
18457	no age provided		
18458	no age provided		
18459	late Miocene		
18460	no age provided		
18461	late Miocene		
18462	early? Miocene		
18463	early Miocene lower Relizian Stage		
18464	early Miocene upper? Relizian Stage		
18465	early Miocene Relizian Stage		
18466	early Miocene Relizian? Stage		
18467	early Miocene lower Relizian Stage		
18468	early Miocene Saucesian? Stage		
18469	late? Miocene		
18470	early Miocene Saucesian? Stage		
18471	late? Miocene		
18472	early Miocene Saucesian? Stage		
18473	Pliocene		
18474	early Miocene?		
18475	early Miocene?		
18476	early Miocene Saucesian? Stage		
18477	Pliocene		
18478	Pliocene		
18479	middle Miocene		
18480	Pliocene		
18481	Pliocene		
18482	early Miocene Saucesian Stage		
18483	Pliocene		
18484	middle Miocene		
18485	late Miocene or Pliocene		
18486	early Miocene Saucesian Stage		
18487	middle or late Miocene		
18488	middle Miocene Luisian Stage		
18489	early or middle Miocene		
18490	middle Miocene		
18491	early Miocene		
18492	early or middle Miocene		
18493	early or middle Miocene Relizian or Luisian Stage		
18494	early or middle Miocene Relizian or Luisian Stage		
18495	early Miocene Saucesian Stage		
18496	probably early Miocene Relizian Stage		
18497	early Miocene Relizian Stage		
18498	early Miocene Relizian Stage		
18499	early Miocene Relizian Stage		
18500	early Miocene Relizian Stage		
18501	Pliocene		
18502	early Miocene upper Saucesian Stage		

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1	ZONE/STAGE/SERIES/AGE		
18503	early Miocene Saucesian or Relizian Stage		
18504	early Miocene Saucesian Stage		
18505	early Miocene Saucesian Stage		
18506	early Miocene Saucesian Stage		
18507	Oligocene Zemorrian or early Miocene Saucesian Stage		
18508	Oligocene Zemorrian or early Miocene Saucesian Stage		
18509	middle and late Miocene Mohnian Stage		
18510	early Miocene Saucesian Stage		
18511	middle and late Miocene Mohnian Stage		
18512	early Miocene Saucesian Stage		
18513	early Miocene Saucesian Stage		
18514	middle and late Miocene Mohnian Stage		
18515	early or middle Miocene Relizian or Luisian Stage		
18516	middle and late Miocene lower Mohnian Stage		
18517	early Miocene lower Relizian Stage		
18518	early Miocene lower Relizian Stage		
18519	middle and late Miocene Mohnian Stage		
18520	middle and late Miocene lower Mohnian Stage		
18521	middle Miocene upper Luisian Stage		
18522	early Miocene Saucesian or Relizian Stage		
18523	Oligocene Zemorrian Stage		
18524	Oligocene Zemorrian or early Miocene Saucesian Stage		
18525	Oligocene Zemorrian Stage		
18526	Oligocene Zemorrian or early Miocene Saucesian Stage		
18527	Pliocene		
18528	Pliocene		
18529	Pliocene		
18530	Pliocene		
18531	Pliocene		
18532	Pliocene		
18533	Pliocene		
18534	middle Miocene		
18535	middle Miocene		
18536	middle Miocene		
18537	middle Eocene A Zone		
18538	Paleocene		
18539	Late Cretaceous D-2 Zone		
18540	Late Cretaceous F-1 Zone		
18541	Pliocene		
18542	Pliocene		
18543	Pliocene		
18544	Pliocene		
18545	Pliocene		
18546	Pliocene		
18547	Pliocene		
18548	Pliocene		
18549	Pliocene		
18550	Pliocene		
18551	Pliocene		
18552	Pliocene		
18553	Pliocene		
18554	Pliocene		
18555	Pliocene		
18556	Pliocene		
18557	Pliocene		
18558	early Miocene Saucesian Stage		
18559	Paleocene		
18560	early Miocene Saucesian Stage		
18561	early Miocene Saucesian? Stage		
18562	early Eocene		
18563	early Eocene C Zone		
18564	middle and late Miocene Mohnian Stage		
18565	Pliocene		
18566	Pliocene		
18567	Pliocene		
18568	Pliocene		
18569	Pliocene		
18570	Pliocene		
18571	Pliocene		
18572	Pliocene		
18573	Pliocene		
18574	Pliocene		
18575	Pliocene		
18576	Pliocene		

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1	ZONE/STAGE/SERIES/AGE		
18577	Pliocene		
18578	Pliocene		
18579	Pliocene		
18580	Pliocene		
18581	Pliocene		
18582	Pliocene		
18583	Pliocene		
18584	Pliocene		
18585	Pliocene		
18586	Pliocene		
18587	Pliocene		
18588	Pliocene		
18589	Pliocene		
18590	Pliocene		
18591	Pliocene		
18592	Pliocene		
18593	middle Eocene A-2 Zone		
18594	middle Miocene Luisian Stage		
18595	middle and late Miocene lower Mohnian Stage		
18596	early Miocene upper Saucesian Stage		
18597	early Miocene upper Saucesian Stage		
18598	Late Cretaceous arenaceous foraminifers		
18599	Oligocene Zemorrian or early Miocene Saucesian Stage		
18600	early Miocene lower Relizian Stage		
18601	early Miocene lower Relizian Stage		
18602	early Miocene lower Relizian Stage		
18603	late Miocene		
18604	late Miocene		
18605	late Miocene		
18606	late Miocene		
18607	late Miocene		
18608	late Miocene		
18609	middle Miocene Luisian Stage		
18610	Oligocene Zemorrian Stage		
18611	early Miocene Saucesian Stage		
18612	early Miocene Saucesian Stage		
18613	early Miocene Relizian Stage		
18614	Cretaceous? arenaceous foraminifers		
18615	early Miocene Relizian Stage		
18616	early Miocene lower Relizian Stage		
18617	Cretaceous? arenaceous foraminifers		
18618	middle and late Miocene lower Mohnian Stage		
18619	Cretaceous arenaceous foraminifers		
18620	middle and late Miocene Mohnian Stage		
18621	Cretaceous arenaceous foraminifers		
18622	middle and late Miocene upper Mohnian Stage		
18623	middle and late Miocene Mohnian Stage		
18624	early Miocene Relizian Stage		
18625	Cretaceous arenaceous foraminifers		
18626	early Miocene Saucesian Stage		
18627	Late Cretaceous arenaceous foraminifers		
18628	Cretaceous arenaceous foraminifers		
18629	early Miocene upper Relizian Stage		
18630	Cretaceous arenaceous foraminifers		
18631	early Miocene lower Relizian Stage		
18632	early Miocene upper Saucesian Stage		
18633	early Miocene upper Saucesian Stage		
18634	early Miocene lower Relizian Stage		
18635	early Miocene lower Relizian Stage		
18636	early Miocene lower Relizian Stage		
18637	early Miocene lower Relizian Stage		
18638	early Miocene lower Relizian Stage		
18639	early Miocene lower Relizian Stage		
18640	early Miocene lower Relizian Stage		
18641	early Miocene lower Relizian Stage		
18642	early Miocene lower Relizian Stage		
18643	early Miocene Relizian Stage		
18644	early Miocene lower Saucesian Stage		
18645	early Miocene upper Relizian Stage		
18646	early Miocene lower Relizian Stage		
18647	middle Miocene Luisian Stage		
18648	early Miocene lower Relizian Stage		
18649	early Miocene upper Relizian Stage		
18650	early Miocene upper Relizian Stage		

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1	**ZONE/STAGE/SERIES/AGE**		
18651	early Miocene Relizian Stage		
18652	middle Miocene Luisian Stage		
18653	middle Miocene Luisian Stage		
18654	middle Miocene Luisian Stage		
18655	middle Miocene Luisian Stage		
18656	middle Miocene Luisian Stage		
18657	middle and late Miocene Mohnian Stage		
18658	middle and late Miocene upper Mohnian Stage		
18659	middle? Miocene		
18660	middle and late Miocene lower Mohnian Stage		
18661	middle and late Miocene Mohnian Stage		
18662	middle and late Miocene Mohnian Stage		
18663	early Miocene		
18664	Oligocene upper? Zemorrian Stage		
18665	early Miocene lower Relizian Stage		
18666	early Miocene lower Relizian Stage		
18667	early Miocene lower Relizian Stage		
18668	Late Cretaceous C? Zone		
18669	Cretaceous? arenaceous foraminifers		
18670	Cretaceous? arenaceous foraminifers		
18671	Cretaceous? arenaceous foraminifers		
18672	Cretaceous? arenaceous foraminifers		
18673	Cretaceous? arenaceous foraminifers		
18674	Late Cretaceous arenaceous foraminifers		
18675	Late Cretaceous arenaceous foraminifers		
18676	Late Cretaceous		
18677	Late Cretaceous arenaceous foraminifers		
18678	Late Cretaceous arenaceous foraminifers		
18679	Late Cretaceous arenaceous foraminifers		
18680	Late Cretaceous arenaceous foraminifers		
18681	Late Cretaceous		
18682	Late Cretaceous arenaceous foraminifers		
18683	Late Cretaceous arenaceous foraminifers		
18684	Paleocene		
18685	Paleocene		
18686	early Eocene C Zone		
18687	Cretaceous arenaceous foraminifers		
18688	early Eocene C Zone		
18689	early Eocene C Zone		
18690	early Eocene C Zone		
18691	early Eocene C Zone		
18692	Cretaceous? arenaceous foraminifers		
18693	Late Cretaceous arenaceous foraminifers		
18694	Late Cretaceous arenaceous foraminifers		
18695	Late Cretaceous D-1 Zone		
18696	Late Cretaceous D-2 Zone		
18697	middle Eocene A-2 Zone		
18698	middle Eocene A-2 Zone		
18699	early Eocene C? Zone		
18700	early Eocene C? Zone		
18701	Eocene ?C Zone		
18702	early Eocene		
18703	early Eocene		
18704	early Eocene		
18705	Late Cretaceous arenaceous foraminifers		
18706	Late Cretaceous arenaceous foraminifers		
18707	Late Cretaceous arenaceous foraminifers		
18708	Paleocene		
18709	Paleocene		
18710	Paleocene		
18711	early Eocene		
18712	early Eocene		
18713	early Eocene		
18714	Late Cretaceous arenaceous foraminifers		
18715	Eocene		
18716	Eocene		
18717	middle and late Miocene lower Mohnian Stage		
18718	middle and late Miocene lower Mohnian Stage		
18719	middle and late Miocene lower Mohnian Stage		
18720	middle and late Miocene lower Mohnian Stage		
18721	middle and late Miocene lower Mohnian Stage		
18722	middle and late Miocene lower Mohnian Stage		
18723	middle and late Miocene Mohnian Stage		
18724	middle and late Miocene Mohnian Stage		

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1	**ZONE/STAGE/SERIES/AGE**		
18725	middle and late Miocene upper Mohnian Stage		
18726	middle and late Miocene upper Mohnian Stage		
18727	middle and late Miocene upper Mohnian Stage		
18728	Early Cretaceous J-2 Zone		
18729	Early Cretaceous J-2 Zone		
18730	Early Cretaceous J-2 Zone		
18731	Early Cretaceous J-2 Zone		
18732	Early Cretaceous J-2 Zone		
18733	Early Cretaceous J-2 Zone		
18734	Late Cretaceous E Zone		
18735	late Eocene		
18736	late Paleocene or early Eocene		
18737	late Eocene Refugian Stage		
18738	middle Eocene		
18739	early Eocene B-4 or C zone		
18740	Paleocene		
18741	Late Cretaceous		
18742	Eocene		
18743	early Eocene C Zone		
18744	middle Eocene A-2 Zone		
18745	Eocene		
18746	early Eocene C Zone		
18747	Cretaceous arenaceous foraminifers		
18748	Pliocene		
18749	Pliocene		
18750	Late Cretaceous arenaceous foraminifers		
18751	Late Cretaceous arenaceous foraminifers		
18752	Late Cretaceous E Zone		
18753	Late Cretaceous arenaceous foraminifers		
18754	Late Cretaceous arenaceous foraminifers		
18755	Late Cretaceous arenaceous foraminifers		
18756	Late Cretaceous arenaceous foraminifers		
18757	Late Cretaceous arenaceous foraminifers		
18758	Late Cretaceous arenaceous foraminifers		
18759	Late Cretaceous arenaceous foraminifers		
18760	Late Cretaceous C or D-1 Zone		
18761	Late Cretaceous C or D-1 Zone		
18762	Late Cretaceous C or D-1 Zone		
18763	Late Cretaceous C or D-1 Zone		
18764	Late Cretaceous C or D-1 Zone		
18765	Late Cretaceous arenaceous foraminifers		
18766	Late Cretaceous arenaceous foraminifers		
18767	Late Cretaceous arenaceous foraminifers		
18768	Late Cretaceous arenaceous foraminifers		
18769	middle Miocene		
18770	probably early Miocene Relizian Stage		
18771	middle Miocene Luisian Stage		
18772	early Miocene Relizian Stage		
18773	early Miocene Relizian Stage		
18774	early Miocene Relizian Stage		
18775	possibly middle and late Miocene Mohnian Stage		
18776	possibly Oligocene Zemorrian Stage		
18777	possibly Oligocene Zemorrian Stage		
18778	Oligocene lower Zemorrian Stage		
18779	Oligocene lower Zemorrian Stage		
18780	Oligocene lower Zemorrian Stage		
18781	early Miocene Relizian Stage		
18782	early Miocene Relizian Stage		
18783	early Miocene Relizian Stage		
18784	late Eocene		
18785	middle Miocene Luisian Stage		
18786	middle? Miocene		
18787	middle? Miocene		
18788	middle Eocene A Zone		
18789	Oligocene lower Zemorrian Stage		
18790	middle Eocene A-2 Zone		
18791	middle Eocene A-2 Zone		
18792	Miocene		
18793	early Miocene Relizian Stage		
18794	early Miocene		
18795	middle Miocene		
18796	probably Eocene		
18797	early Miocene Relizian Stage		
18798	early Miocene Relizian Stage		

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1	ZONE/STAGE/SERIES/AGE		
18799	early Miocene Relizian Stage		
18800	early Miocene Relizian Stage		
18801	bivalves, ostracods		
18802	Turritella and a coral		
18803	bivalves		
18804	ostracods		
18805	Oligocene Zemorrian Stage		
18806	Oligocene Zemorrian or early Miocene Saucesian Stage		
18807	late Eocene		
18808	Eocene		
18809	non diagnostic gastropods		
18810	fresh water mollusks		
18811	Oligocene Zemorrian? Stage		
18812	fresh water ostracods and mollusks		
18813	Miocene		
18814	middle Eocene A-2 Zone		
18815	Miocene		
18816	Oligocene Zemorrian? Stage		
18817	Oligocene Zemorrian Stage		
18818	Miocene		
18819	Oligocene Zemorrian Stage		
18820	Oligocene Zemorrian Stage		
18821	worms and mollusks		
18822	worms and mollusks		
18823	miliolids		
18824	mollusk fragments		
18825	bivalves		
18826	Eocene		
18827	Eocene		
18828	early or middle Eocene		
18829	early or middle Eocene		
18830	worm tubes		
18831	plant impressions		
18832	Oligocene Zemorrian Stage		
18833	Oligocene Zemorrian Stage		
18834	Oligocene lower Zemorrian Stage		
18835	early Miocene Saucesian Stage		
18836	freshwater bivalves and ostracods		
18837	ostracods		
18838	charaphyte tubes		
18839	bivalves and other fossils		
18840	late Miocene		
18841	Late Cretaceous arenaceous foraminifers		
18842	Late Cretaceous arenaceous foraminifers		
18843	Late Cretaceous arenaceous foraminifers		
18844	Late Cretaceous arenaceous foraminifers		
18845	brackish water		
18846	Late Cretaceous D or E Zone		
18847	Late Cretaceous arenaceous foraminifers		
18848	Late Cretaceous D Zone		
18849	Miocene?		
18850	Late Cretaceous D-1 Zone		
18851	Late Cretaceous D-1 Zone		
18852	Late Cretaceous E Zone		
18853	Late Cretaceous arenaceous foraminifers		
18854	Cretaceous arenaceous foraminifers		
18855	Cretaceous arenaceous foraminifers		
18856	Cretaceous arenaceous foraminifers		
18857	Miocene		
18858	Cretaceous? arenaceous foraminifers		
18859	Miocene		
18860	early Eocene D Zone		
18861	early Eocene B Zone		
18862	middle Miocene Luisian Stage		
18863	middle and late Miocene Mohnian? Stage		
18864	Late Cretaceous?		
18865	Late Cretaceous		
18866	late Paleocene E Zone		
18867	late Paleocene E Zone		
18868	late Paleocene E Zone		
18869	Late Cretaceous arenaceous foraminifers		
18870	Cretaceous		
18871	Cretaceous		
18872	Early Cretaceous		

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1	**ZONE/STAGE/SERIES/AGE**		
18873	Late Cretaceous E Zone		
18874	Pliocene		
18875	middle and late Miocene Mohnian? Stage		
18876	age not provided		
18877	Late Jurassic or Early Cretaceous		
18878	Late Cretaceous arenaceous foraminifers		
18879	Late Jurassic or Early Cretaceous M or L Zone		
18880	Early Cretaceous K Zone		
18881	Late Cretaceous arenaceous foraminifers		
18882	Late Cretaceous arenaceous foraminifers		
18883	Late Cretaceous arenaceous foraminifers		
18884	middle Miocene		
18885	late Miocene		
18886	Miocene		
18887	possibly late Miocene		
18888	Late Jurassic or Early Cretaceous		
18889	age not provided		
18890	Late Jurassic or Early Cretaceous		
18891	Oligocene Zemorrian Stage		
18892	middle Miocene		
18893	Oligocene upper Zemorrian Stage		
18894	early Miocene Relizian Stage		
18895	Miocene		
18896	Miocene		
18897	Miocene		
18898	middle and late Miocene lower Mohnian Stage		
18899	middle Eocene A Zone		
18900	early Miocene Saucesian Stage		
18901	Cretaceous arenaceous foraminifers		
18902	early or middle Miocene		
18903	early Miocene Saucesian Stage		
18904	middle Miocene Luisian Stage		
18905	early Miocene Relizian Stage		
18906	early Miocene Relizian Stage		
18907	probably early Miocene Relizian Stage		
18908	middle Miocene		
18909	early Eocene B-4 Zone		
18910	early Eocene B-4 Zone		
18911	Eocene		
18912	early Miocene Relizian Stage		
18913	middle Miocene Luisian Stage		
18914	Eocene		
18915	middle Miocene Luisian Stage		
18916	early Eocene D Zone		
18917	middle Miocene		
18918	early Eocene D Zone		
18919	late Miocene		
18920	Miocene or Pliocene		
18921	middle Miocene Luisian Stage		
18922	middle Miocene Luisian Stage		
18923	late Miocene		
18924	Cretaceous arenaceous foraminifers		
18925	early or middle Miocene Relizian or Luisian Stage		
18926	early Miocene Relizian Stage		
18927	early Miocene		
18928	early Miocene Relizian Stage		
18929	possibly late Miocene		
18930	Oligocene Zemorrian Stage		
18931	Oligocene Zemorrian Stage		
18932	Oligocene Zemorrian Stage		
18933	Oligocene Zemorrian Stage		
18934	early Miocene Relizian Stage		
18935	Pliocene		
18936	middle Miocene		
18937	early Miocene Saucesian? Stage		
18938	early Miocene Saucesian Stage		
18939	early Miocene Saucesian Stage		
18940	early Miocene upper Saucesian Stage		
18941	middle Miocene		
18942	Oligocene Zemorrian Stage		
18943	early Miocene Relizian Stage		
18944	early Miocene Relizian Stage		
18945	Oligocene Zemorrian Stage		
18946	Oligocene Zemorrian Stage		

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1	**ZONE/STAGE/SERIES/AGE**		
18947	Oligocene Zemorrian Stage		
18948	possibly late Miocene		
18949	early Miocene		
18950	probably late Paleocene E zone		
18951	probably late Paleocene E zone		
18952	middle and late Miocene lower Mohnian Stage		
18953	late Miocene		
18954	late Miocene		
18955	late Miocene		
18956	late Miocene		
18957	late Miocene		
18958	late Miocene		
18959	late Miocene		
18960	late Miocene		
18961	Eocene		
18962	middle and late Miocene lower Mohnian Stage		
18963	Miocene		
18964	Miocene		
18965	Mohnian Stage		
18966	late Miocene		
18967	late Miocene		
18968	late Miocene		
18969	late Miocene		
18970	late Miocene		
18971	late Miocene		
18972	late Miocene		
18973	late Miocene		
18974	late Miocene		
18975	late Miocene		
18976	Early Cretaceous K Zone		
18977	Early Cretaceous K Zone		
18978	middle and late Miocene lower Mohnian Stage		
18979	middle and late Miocene upper Mohnian Stage		
18980	middle and late Miocene upper Mohnian Stage		
18981	middle and late Miocene lower Mohnian Stage		
18982	middle and late Miocene lower Mohnian Stage		
18983	early Miocene Saucesian? Stage		
18984	early Miocene Saucesian? Stage		
18985	early Miocene Saucesian? Stage		
18986	early Miocene lower Relizian Stage		
18987	early Miocene lower Relizian Stage		
18988	early Miocene lower Relizian Stage		
18989	early Miocene upper Relizian Stage		
18990	Miocene?		
18991	early Miocene upper Relizian Stage		
18992	early Miocene Saucesian Stage		
18993	early Miocene upper Saucesian Stage		
18994	early Miocene upper Saucesian Stage		
18995	Miocene		
18996	early Miocene Relizian Stage		
18997	early Miocene upper Saucesian Stage		
18998	early Miocene lower Saucesian Stage		
18999	early Miocene lower Saucesian Stage		
19000	early Miocene lower Relizian Stage		
19001	early Miocene lower Relizian Stage		
19002	early Miocene lower Relizian Stage		
19003	middle and late Miocene upper Mohnian Stage		
19004	early Miocene Saucesian Stage		
19005	early Miocene Relizian? Stage		
19006	early Miocene Saucesian Stage		
19007	early Miocene Saucesian Stage		
19008	early Miocene Saucesian Stage		
19009	early Miocene Saucesian Stage		
19010	early Miocene Saucesian Stage		
19011	early Miocene lower Relizian Stage		
19012	early Miocene upper Relizian Stage		
19013	early Miocene upper Relizian Stage		
19014	early Miocene upper Relizian Stage		
19015	early Miocene lower Relizian Stage		
19016	early Miocene lower Relizian Stage		
19017	middle Miocene Luisian Stage		
19018	early Miocene Relizian Stage		
19019	middle Miocene Luisian Stage		
19020	Pliocene		

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1	**ZONE/STAGE/SERIES/AGE**		
19021	early Miocene Relizian Stage		
19022	early Miocene Saucesian Stage		
19023	early Miocene Saucesian Stage		
19024	late Miocene Delmontian Stage		
19025	early Miocene Saucesian Stage		
19026	middle Eocene A Zone		
19027	Late Cretaceous		
19028	middle and late Miocene Mohnian Stage		
19029	Miocene		
19030	early Miocene Saucesian Stage		
19031	middle and late Miocene Mohnian Stage		
19032	early Miocene Relizian Stage		
19033	early Miocene Relizian Stage		
19034	middle and late Miocene Mohnian Stage		
19035	Pliocene or Pleistocene		
19036	late Eocene or Oligocene		
19037	middle Miocene Luisian Stage		
19038	Pliocene		
19039	Miocene?		
19040	Miocene		
19041	Pliocene		
19042	Pliocene		
19043	Pliocene		
19044	early Miocene Saucesian Stage		
19045	late Eocene		
19046	late Eocene		
19047	middle and late Miocene Mohnian Stage		
19048	late Miocene		
19049	Late Cretaceous C or D-1 Zone		
19050	Late Cretaceous		
19051	Late Cretaceous C or D Zone		
19052	Late Cretaceous C or D Zone		
19053	Late Cretaceous C or D Zone		
19054	Late Cretaceous C or D Zone		
19055	Miocene?		
19056	Miocene?		
19057	Miocene?		
19058	Miocene?		
19059	Miocene?		
19060	Miocene?		
19061	Miocene?		
19062	Late Cretaceous E Zone		
19063	Late Cretaceous D-2 Zone		
19064	Late Cretaceous D-2 Zone		
19065	Late Cretaceous D-2 Zone		
19066	Late Cretaceous D-2 Zone		
19067	Late Cretaceous D-2 Zone		
19068	Late Cretaceous D-2 Zone		
19069	possibly Late Cretaceous D-1 Zone		
19070	Oligocene lower Zemorrian Stage		
19071	Oligocene lower Zemorrian Stage		
19072	Oligocene lower Zemorrian Stage		
19073	Oligocene lower Zemorrian Stage		
19074	Oligocene lower Zemorrian Stage		
19075	Oligocene lower Zemorrian Stage		
19076	Oligocene lower Zemorrian Stage		
19077	late Eocene Refugian Stage		
19078	late Eocene Refugian Stage		
19079	late Eocene Refugian Stage		
19080	late Eocene Refugian Stage		
19081	late Eocene or Oligocene		
19082	late Eocene or Oligocene		
19083	Cretaceous arenaceous foraminifers		
19084	Oligocene		
19085	Late Cretaceous F or G Zone		
19086	Oligocene		
19087	Cretaceous arenaceous foraminifers		
19088	late Eocene or Oligocene		
19089	late Eocene or Oligocene		
19090	late Eocene or Oligocene		
19091	Late Cretaceous C Zone		
19092	late Eocene Refugian Stage		
19093	Late Cretaceous C or D-1 Zone		
19094	late Eocene or Oligocene		

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1	ZONE/STAGE/SERIES/AGE		
19095	Oligocene Zemorrian Stage		
19096	Oligocene Zemorrian Stage		
19097	Oligocene Zemorrian Stage		
19098	Oligocene lower Zemorrian Stage		
19099	Oligocene lower Zemorrian Stage		
19100	Oligocene lower Zemorrian Stage		
19101	Oligocene lower Zemorrian Stage		
19102	Oligocene lower Zemorrian Stage		
19103	Oligocene lower Zemorrian Stage		
19104	Oligocene lower Zemorrian Stage		
19105	late Eocene or Oligocene		
19106	late Eocene or Oligocene		
19107	late Eocene Refugian Stage		
19108	late Eocene or Oligocene		
19109	late Eocene or Oligocene		
19110	late Eocene or Oligocene		
19111	Cretaceous arenaceous foraminifers		
19112	Cretaceous arenaceous foraminifers		
19113	Cretaceous arenaceous foraminifers		
19114	Late Cretaceous C or D Zone		
19115	Late Cretaceous C or D Zone		
19116	Late Cretaceous C or D Zone		
19117	Oligocene		
19118	Oligocene		
19119	Oligocene		
19120	Oligocene		
19121	Cretaceous arenaceous foraminifers		
19122	early Miocene upper Saucesian Stage		
19123	Miocene		
19124	early Miocene Saucesian Stage		
19125	Oligocene lower Zemorrian Stage		
19126	Oligocene lower Zemorrian Stage		
19127	nonmarine		
19128	nonmarine		
19129	nonmarine		
19130	late Eocene Refugian Stage		
19131	late Eocene Refugian Stage		
19132	late Eocene Refugian Stage		
19133	late Eocene Refugian Stage		
19134	late Eocene Refugian Stage		
19135	late Eocene Refugian Stage		
19136	late Eocene Refugian Stage		
19137	late Eocene A-1 Zone		
19138	late Eocene A-1 Zone		
19139	late Eocene A-1 Zone		
19140	Oligocene Zemorrian Stage		
19141	Oligocene Zemorrian Stage		
19142	Oligocene Zemorrian Stage		
19143	Oligocene Zemorrian Stage		
19144	Oligocene Zemorrian Stage		
19145	nonmarine		
19146	nonmarine		
19147	nonmarine		
19148	late Eocene Refugian Stage		
19149	late Eocene Refugian Stage		
19150	late Eocene Refugian Stage		
19151	late Eocene Refugian Stage		
19152	late Eocene Refugian Stage		
19153	late Eocene Refugian Stage		
19154	late Eocene Refugian Stage		
19155	late Eocene Refugian Stage		
19156	late Eocene Refugian Stage		
19157	late Eocene Refugian Stage		
19158	Late Cretaceous E Zone		
19159	Oligocene Zemorrian Stage		
19160	Oligocene Zemorrian Stage		
19161	Oligocene Zemorrian Stage		
19162	late Eocene Refugian Stage		
19163	late Eocene Refugian Stage		
19164	late Eocene Refugian Stage		
19165	late Eocene Refugian Stage		
19166	early Miocene		
19167	Late Cretaceous arenaceous foraminifers		
19168	Oligocene Zemorrian Stage		

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1	**ZONE/STAGE/SERIES/AGE**		
19169	Oligocene Zemorrian Stage		
19170	late Eocene Refugian Stage		
19171	late Eocene Refugian Stage		
19172	late Eocene Refugian Stage		
19173	late Eocene Refugian Stage		
19174	late Eocene Refugian Stage		
19175	Cretaceous arenaceous foraminifers		
19176	early Miocene Relizian? Stage		
19177	early Miocene Saucesian? Stage		
19178	Late Cretaceous arenaceous foraminifers		
19179	early Miocene Saucesian Stage		
19180	Late Cretaceous		
19181	Late Cretaceous		
19182	Late Cretaceous		
19183	Eocene		
19184	Late Cretaceous		
19185	Late Cretaceous D-2 Zone		
19186	Late Cretaceous D-2 Zone		
19187	Eocene?		
19188	Eocene?		
19189	Late Cretaceous		
19190	Cretaceous arenaceous foraminifers		
19191	Cretaceous arenaceous foraminifers		
19192	Cretaceous arenaceous foraminifers		
19193	Cretaceous arenaceous foraminifers		
19194	Cretaceous arenaceous foraminifers		
19195	Late Cretaceous		
19196	Cretaceous arenaceous foraminifers		
19197	Late Cretaceous		
19198	Cretaceous arenaceous foraminifers		
19199	Late Cretaceous		
19200	Cretaceous arenaceous foraminifers		
19201	Cretaceous arenaceous foraminifers		
19202	Oligocene Zemorrian Stage		
19203	Oligocene Zemorrian Stage		
19204	Oligocene Zemorrian Stage		
19205	Oligocene Zemorrian Stage		
19206	Oligocene Zemorrian Stage		
19207	Late Cretaceous D Zone		
19208	Cretaceous arenaceous foraminifers		
19209	Oligocene Zemorrian Stage		
19210	Oligocene Zemorrian Stage		
19211	Oligocene Zemorrian Stage		
19212	Oligocene Zemorrian Stage		
19213	Oligocene Zemorrian Stage		
19214	late Eocene Refugian Stage		
19215	late Eocene Refugian Stage		
19216	late Eocene Refugian Stage		
19217	Cretaceous arenaceous foraminifers		
19218	Cretaceous arenaceous foraminifers		
19219	late Eocene Refugian Stage		
19220	late Eocene Refugian Stage		
19221	late Eocene Refugian Stage		
19222	late Eocene Refugian Stage		
19223	late Eocene Refugian Stage		
19224	late Eocene Refugian Stage		
19225	late Eocene Refugian Stage		
19226	late Eocene Refugian Stage		
19227	late Eocene Refugian Stage		
19228	late Eocene Refugian Stage		
19229	late Eocene Refugian Stage		
19230	late Eocene Refugian Stage		
19231	late Eocene Refugian Stage		
19232	Late Cretaceous E Zone		
19233	Late Cretaceous D or E Zone		
19234	Eocene		
19235	Eocene		
19236	Eocene		
19237	Eocene		
19238	Late Cretaceous D or E Zone		
19239	middle Eocene A zone		
19240	middle Eocene A zone		
19241	middle Eocene A zone		
19242	middle Eocene A zone		

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1	ZONE/STAGE/SERIES/AGE		
19243	middle Eocene A zone		
19244	middle Eocene A zone		
19245	middle Eocene A zone		
19246	middle Eocene A zone		
19247	middle Eocene A zone		
19248	middle Eocene A zone		
19249	middle Eocene A zone		
19250	middle Eocene A zone		
19251	middle Eocene A zone		
19252	Cretaceous arenaceous foraminifers		
19253	Cretaceous arenaceous foraminifers		
19254	Oligocene lower Zemorrian Stage		
19255	Late Cretaceous		
19256	nonmarine Sespe		
19257	nonmarine Sespe		
19258	nonmarine Sespe		
19259	late Eocene Refugian Stage		
19260	late Eocene A-1 Zone		
19261	middle Eocene A-2 Zone		
19262	middle Eocene A-2 Zone		
19263	middle Eocene A-2 Zone		
19264	middle Eocene A-2 Zone		
19265	middle Eocene A-2 Zone		
19266	middle Eocene A-2 Zone		
19267	middle Eocene A-2 Zone		
19268	middle Eocene A-2 Zone		
19269	middle Eocene A-2 Zone		
19270	middle Eocene A-2 Zone		
19271	middle Eocene A-2 Zone		
19272	middle Eocene A-2 Zone		
19273	middle Eocene A-2 Zone		
19274	middle Eocene A-2 Zone		
19275	Oligocene Zemorrian Stage		
19276	Oligocene Zemorrian Stage		
19277	nonmarine Sespe		
19278	late Eocene Refugian? Stage		
19279	early Eocene C Zone		
19280	early Eocene C Zone		
19281	Oligocene Zemorrian Stage		
19282	Oligocene Zemorrian Stage		
19283	nonmarine Sespe		
19284	late Eocene		
19285	late Eocene		
19286	late Eocene		
19287	late Eocene		
19288	Recent mollusks		
19289	middle or late Eocene		
19290	middle or late Eocene		
19291	middle or late Eocene		
19292	middle Eocene A-2 Zone		
19293	early Miocene Saucesian or Relizian Stage		
19294	middle Eocene A-2 Zone		
19295	middle Eocene A-2 Zone		
19296	early Miocene Saucesian or Relizian Stage		
19297	early Miocene Saucesian Stage		
19298	early Eocene B-3 Zone		
19299	early Miocene upper Saucesian Stage		
19300	early or middle Miocene		
19301	early Eocene B-3 Zone		
19302	Miocene		
19303	early or middle Miocene		
19304	early Miocene Saucesian or Relizian Stage		
19305	early Miocene upper Saucesian Stage		
19306	middle Eocene A-2 Zone		
19307	early Miocene Saucesian Stage		
19308	early Miocene Saucesian or Relizian Stage		
19309	probably Eocene		
19310	Eocene		
19311	middle and late Miocene Mohnian Stage		
19312	early Miocene Relizian Stage		
19313	early Miocene Saucesian? Stage		
19314	Oligocene Zemorrian or early Miocene Saucesian Stage		
19315	Oligocene Zemorrian or early Miocene Saucesian Stage		
19316	early Miocene Relizian Stage		

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1	ZONE/STAGE/SERIES/AGE		
19317	early Miocene Relizian Stage		
19318	late Miocene		
19319	late Miocene		
19320	late Miocene		
19321	upper? Miocene		
19322	late Miocene		
19323	late Miocene		
19324	late? Miocene		
19325	late Miocene		
19326	upper? Miocene		
19327	Oligocene lower Zemorrian Stage		
19328	late Miocene Delmontian Stage		
19329	late Miocene Delmontian Stage		
19330	early Miocene Saucesian Stage		
19331	Miocene		
19332	Pliocene		
19333	Pliocene		
19334	Pliocene		
19335	Pliocene		
19336	Miocene or Pliocene		
19337	Pliocene		
19338	late Miocene		
19339	middle Miocene upper? Luisian Stage		
19340	Pliocene		
19341	Miocene or Pliocene		
19342	Cretaceous? arenaceous foraminifers		
19343	late Miocene		
19344	late Miocene		
19345	early Miocene Saucesian Stage		
19346	early Miocene Saucesian Stage		
19347	forams reworked into late Miocene Delmontian Stage		
19348	forams reworked into late Miocene Delmontian Stage		
19349	forams reworked into late Miocene Delmontian Stage		
19350	early Miocene Relizian? Stage		
19351	Pliocene		
19352	middle Eocene A-2 Zone		
19353	middle Eocene A-2 Zone		
19354	middle Eocene A-2 Zone		
19355	late Miocene Delmontian Stage		
19356	late Miocene Delmontian Stage		
19357	late Miocene Delmontian Stage		
19358	Oligocene lower Zemorrian Stage		
19359	Oligocene lower Zemorrian Stage		
19360	possibly early Miocene		
19361	early Miocene Saucesian Stage		
19362	early Miocene Saucesian Stage		
19363	Pliocene		
19364	middle and late Miocene lower Mohnian Stage		
19365	early Eocene C Zone		
19366	early Eocene C or D Zone		
19367	early Eocene C or D Zone		
19368	early Eocene C Zone		
19369	early Eocene C Zone		
19370	early Eocene C Zone		
19371	early Eocene C Zone		
19372	early Eocene C Zone		
19373	Late Cretaceous or Paleocene		
19374	Late Cretaceous or Paleocene		
19375	Late Cretaceous arenaceous foraminifers		
19376	late Paleocene E Zone		
19377	Late Cretaceous or Paleocene		
19378	early or middle Miocene		
19379	late Paleocene E Zone		
19380	Late Cretaceous arenaceous foraminifers		
19381	early Eocene B-3 Zone		
19382	early Eocene B-3 Zone		
19383	early Eocene C Zone		
19384	early Eocene C Zone		
19385	early Eocene C Zone		
19386	Late Cretaceous arenaceous foraminifers		
19387	early Eocene B-3 Zone		
19388	early? Eocene		
19389	Late Cretaceous arenaceous foraminifers		
19390	Cretaceous? arenaceous foraminifers		

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1	ZONE/STAGE/SERIES/AGE		
19391	middle Miocene Luisian Stage		
19392	middle Miocene Luisian Stage		
19393	middle Miocene Luisian Stage		
19394	Late Cretaceous		
19395	Late Cretaceous		
19396	Late Cretaceous		
19397	Late Cretaceous		
19398	Late Cretaceous		
19399	Late Cretaceous		
19400	Late Cretaceous		
19401	Late Cretaceous		
19402	Late Cretaceous		
19403	Late Cretaceous		
19404	Late Cretaceous		
19405	Oligocene lower Zemorrian Stage		
19406	Oligocene lower Zemorrian Stage		
19407	middle Miocene		
19408	Eocene (check Schenck's definition and location)		
19409	middle Eocene B1-A Zone		
19410	middle Eocene B1-A Zone		
19411	middle Eocene B1-A Zone		
19412	middle Eocene B1-A Zone		
19413	Oligocene?		
19414	Miocene		
19415	Miocene		
19416	Miocene		
19417	Miocene		
19418	late Miocene		
19419	early Miocene Saucesian or Relizian Stage		
19420	early Miocene Saucesian or Relizian Stage		
19421	Oligocene Zemorrian Stage		
19422	early Miocene Saucesian Stage		
19423	early Miocene Saucesian Stage		
19424	early Miocene Saucesian Stage		
19425	Oligocene to middle Miocene		
19426	Cretaceous arenaceous foraminifers		
19427	Cretaceous arenaceous foraminifers		
19428	Cretaceous arenaceous foraminifers		
19429	Cretaceous arenaceous foraminifers		
19430	Cretaceous		
19431	Late Cretaceous arenaceous foraminifers		
19432	Late Cretaceous arenaceous foraminifers		
19433	middle Eocene A-2 Zone		
19434	middle Eocene A-2 Zone		
19435	Late Cretaceous arenaceous foraminifers		
19436	Late Cretaceous arenaceous foraminifers		
19437	Late Cretaceous arenaceous foraminifers		
19438	Late Cretaceous arenaceous foraminifers		
19439	Late Cretaceous arenaceous foraminifers		
19440	Late Cretaceous F or G Zone		
19441	Pliocene?		
19442	Pliocene?		
19443	Eocene		
19444	Eocene		
19445	middle Eocene A-2 Zone		
19446	Early Cretaceous J Zone		
19447	late Eocene		
19448	Late Cretaceous G-1 Zone		
19449	Late Cretaceous G-1 Zone		
19450	Late Cretaceous G-1 Zone		
19451	Late Cretaceous G-1 Zone		
19452	Late Cretaceous G-1 Zone		
19453	Late Cretaceous G-1 Zone		
19454	Late Cretaceous G-1 Zone		
19455	early Miocene lower Relizian Stage		
19456	early Miocene lower Relizian Stage		
19457	early Miocene lower Relizian Stage		
19458	early Miocene lower Relizian Stage		
19459	early Miocene lower Relizian Stage		
19460	early Miocene lower Relizian Stage		
19461	Late Cretaceous G-1 Zone		
19462	Late Cretaceous G-1 Zone		
19463	early Miocene lower Relizian Stage		
19464	Late Cretaceous G-1 Zone		

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1	ZONE/STAGE/SERIES/AGE		
19465	Late Cretaceous G-1 Zone		
19466	Late Cretaceous G-1 Zone		
19467	early Miocene lower Relizian Stage		
19468	Cretaceous		
19469	early Miocene lower Relizian Stage		
19470	Late Cretaceous arenaceous foraminifers		
19471	early Miocene lower Relizian Stage		
19472	early Miocene lower Relizian Stage		
19473	Late Cretaceous I Zone		
19474	Late Cretaceous I Zone		
19475	early Miocene lower Relizian Stage		
19476	early Miocene lower Relizian Stage		
19477	early Miocene lower Relizian Stage		
19478	early Miocene lower Relizian Stage		
19479	Jurassic		
19480	early Miocene lower Relizian Stage		
19481	Jurassic		
19482	Early Cretaceous J-2 Zone		
19483	early Miocene lower Relizian Stage		
19484	Early Cretaceous J-2 Zone		
19485	early Miocene lower Relizian Stage		
19486	Early Cretaceous J-2 Zone		
19487	Late Cretaceous I Zone		
19488	early Miocene lower Relizian Stage		
19489	Early Cretaceous J Zone		
19490	early Miocene lower Relizian Stage		
19491	Late Cretaceous		
19492	early Miocene lower Relizian Stage		
19493	Late Cretaceous		
19494	early Miocene lower Relizian Stage		
19495	early Miocene Relizian Stage		
19496	early Miocene lower Relizian Stage		
19497	early Miocene lower Relizian Stage		
19498	early Miocene lower Relizian Stage		
19499	early Miocene Relizian? Stage		
19500	early Miocene Relizian? Stage		
19501	early Miocene lower Relizian Stage		
19502	early Miocene lower Relizian Stage		
19503	early Miocene lower Relizian Stage		
19504	early Miocene lower Relizian Stage		
19505	early Miocene lower Relizian Stage		
19506	early Miocene Relizian Stage		
19507	early Miocene Relizian Stage		
19508	early Miocene Relizian Stage		
19509	early Miocene Relizian Stage		
19510	early Miocene Relizian Stage		
19511	early Miocene lower Relizian Stage		
19512	early Miocene lower Relizian Stage		
19513	early Miocene lower Relizian Stage		
19514	early Miocene lower Relizian Stage		
19515	Pliocene		
19516	Pliocene		
19517	Pliocene		
19518	Miocene		
19519	Pliocene		
19520	Pliocene		
19521	Pliocene		
19522	Pliocene		
19523	Pliocene		
19524	Miocene		
19525	marine Pleistocene		
19526	Pliocene		
19527	marine Pleistocene		
19528	marine Pleistocene		
19529	marine Pleistocene		
19530	marine Pleistocene		
19531	Early Cretaceous arenaceous foraminifers		
19532	marine Pleistocene		
19533	Pliocene		
19534	Pliocene		
19535	Pliocene		
19536	middle Miocene Luisian Stage		
19537	marine Pleistocene		
19538	marine Pleistocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
19539	marine Pleistocene		
19540	marine Pleistocene		
19541	Pliocene		
19542	Pliocene		
19543	Early Cretaceous J-2 Zone		
19544	Pliocene		
19545	Pliocene		
19546	Early Cretaceous J-2 Zone		
19547	Early Cretaceous		
19548	Pliocene		
19549	Late Jurassic M Zone		
19550	Pliocene		
19551	Pliocene		
19552	Pliocene		
19553	Pliocene		
19554	Pliocene		
19555	Pliocene		
19556	Pliocene		
19557	Pliocene		
19558	Pliocene		
19559	Pliocene		
19560	middle Miocene Luisian Stage		
19561	early Miocene Saucesian? Stage		
19562	Pliocene		
19563	marine Pleistocene		
19564	Pliocene		
19565	marine Pleistocene		
19566	marine Pleistocene		
19567	marine Pleistocene		
19568	middle Miocene Luisian Stage		
19569	middle Miocene		
19570	early Miocene Relizian Stage		
19571	middle Miocene Luisian Stage		
19572	middle and late Miocene Mohnian Stage		
19573	late Miocene		
19574	Oligocene Zemorrian or early Miocene Saucesian Stage		
19575	Oligocene Zemorrian or early Miocene Saucesian Stage		
19576	marine Pleistocene		
19577	Eocene (age from porosity and perm table)		
19578	Eocene (age from porosity and perm table)		
19579	Eocene		
19580	early Miocene Saucesian Stage (from P&P table)		
19581	early Miocene Relizian Stage		
19582	Miocene		
19583	late Eocene		
19584	late Eocene		
19585	middle Eocene		
19586	middle Eocene		
19587	middle Eocene		
19588	middle Eocene		
19589	Eocene		
19590	Oligocene Zemorrian or early Miocene Saucesian Stage		
19591	Oligocene Zemorrian or early Miocene Saucesian Stage		
19592	Oligocene Zemorrian or early Miocene Saucesian Stage		
19593	Oligocene Zemorrian or early Miocene Saucesian Stage		
19594	Oligocene Zemorrian or early Miocene Saucesian Stage		
19595	middle Miocene Luisian Stage		
19596	Oligocene Zemorrian or early Miocene Saucesian Stage		
19597	Oligocene Zemorrian or early Miocene Saucesian Stage		
19598	Oligocene Zemorrian or early Miocene Saucesian Stage		
19599	Oligocene Zemorrian or early Miocene Saucesian Stage		
19600	early Miocene		
19601	early Eocene or late Paleocene		
19602	early Miocene		
19603	Oligocene Zemorrian or early Miocene Saucesian Stage		
19604	Oligocene Zemorrian or early Miocene Saucesian Stage		
19605	Oligocene Zemorrian or early Miocene Saucesian Stage		
19606	Oligocene Zemorrian or early Miocene Saucesian Stage		
19607	late Miocene		
19608	late Miocene		
19609	Pliocene?		
19610	Eocene		
19611	Eocene		
19612	early Miocene Relizian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
19613	middle Eocene A-2 Zone		
19614	middle Eocene A-2 Zone		
19615	middle Eocene A-2 Zone		
19616	middle Eocene A-2 Zone		
19617	Eocene		
19618	late Miocene or Pliocene mollusks and foraminifers		
19619	late Miocene or Pliocene mollusks and foraminifers		
19620	Eocene Domengine Stage		
19621	Oligocene lower Zemorrian Stage		
19622	middle and late Miocene Mohnian Stage		
19623	middle and late Miocene Mohnian Stage		
19624	middle and late Miocene Mohnian Stage		
19625	Oligocene Zemorrian or early Miocene Saucesian Stage		
19626	middle Eocene A-2 Zone		
19627	Oligocene Zemorrian Stage		
19628	Pliocene?		
19629	middle Miocene Luisian Stage		
19630	early and middle Miocene lower? Mohnian Stage		
19631	middle Miocene Luisian Stage		
19632	middle Miocene Luisian? Stage		
19633	middle Miocene Luisian? Stage		
19634	late Paleocene E zone		
19635	late Paleocene E Zone		
19636	middle and late Miocene lower Mohnian Stage		
19637	late Paleocene E Zone		
19638	Eocene		
19639	late Paleocene E Zone		
19640	Eocene		
19641	late Paleocene E Zone		
19642	late Paleocene E Zone		
19643	early Miocene Relizian Stage		
19644	late Paleocene E Zone		
19645	middle and late Miocene Mohnian Stage		
19646	probably early Miocene		
19647	probably early Miocene		
19648	late Eocene Refugian Stage		
19649	Oligocene Zemorrian Stage		
19650	early Miocene		
19651	early Miocene Saucesian Stage		
19652	early Miocene Saucesian Stage		
19653	early Miocene Saucesian Stage		
19654	early Miocene Saucesian Stage		
19655	late Eocene		
19656	late Paleocene E Zone		
19657	early Miocene		
19658	Miocene		
19659	Miocene		
19660	late Miocene or Pliocene		
19661	Pliocene		
19662	Pliocene		
19663	late Eocene A-1 Zone		
19664	late Eocene A-1 Zone		
19665	Miocene ostracods		
19666	early Miocene		
19667	Pliocene		
19668	early Miocene Saucesian Stage		
19669	early Miocene Saucesian Stage		
19670	Paleocene		
19671	Paleocene		
19672	Paleocene		
19673	Paleocene		
19674	Paleocene		
19675	Paleocene		
19676	Eocene		
19677	middle Miocene Luisian Stage		
19678	middle Miocene Luisian Stage		
19679	early Eocene		
19680	middle Miocene Luisian Stage		
19681	early Eocene		
19682	Miocene		
19683	early Eocene		
19684	early Eocene		
19685	Late Cretaceous		
19686	Late Cretaceous		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
19687	early Eocene		
19688	Eocene		
19689	early Miocene Saucesian Stage		
19690	early Miocene Saucesian Stage		
19691	early Miocene Saucesian Stage		
19692	Oligocene Zemorrian Stage		
19693	early Eocene		
19694	late Paleocene E Zone		
19695	late Paleocene E Zone		
19696	middle Miocene		
19697	middle Miocene		
19698	shallow marine Pliocene		
19699	middle Miocene Luisian Stage		
19700	early Miocene Saucesian or Relizian Stage		
19701	middle Miocene Luisian Stage		
19702	early Miocene Saucesian or Relizian Stage		
19703	middle Miocene		
19704	middle Miocene Luisian Stage		
19705	early Miocene		
19706	late Miocene or Pliocene		
19707	Oligocene Zemorrian Stage		
19708	middle Miocene Luisian Stage		
19709	middle Miocene Luisian Stage		
19710	Luisian and Mohnian Stages transition		
19711	middle Miocene Luisian Stage		
19712	middle Miocene Luisian Stage		
19713	middle Miocene Luisian Stage		
19714	late Miocene or Pliocene		
19715	middle and late Miocene Mohnian Stage		
19716	middle and late Miocene Mohnian Stage		
19717	early Miocene Saucesian Stage		
19718	middle and late Miocene Mohnian Stage		
19719	Oligocene upper Zemorrian Stage		
19720	middle Miocene Luisian Stage		
19721	late Miocene upper Delmontian Stage		
19722	middle Miocene Luisian Stage		
19723	early or middle Miocene Relizian or Luisian Stage		
19724	late Miocene or Pliocene		
19725	middle and late Miocene Mohnian Stage		
19726	late Miocene or Pliocene		
19727	early Eocene		
19728	Miocene or Pliocene		
19729	late Eocene		
19730	Cretaceous arenaceous foraminifers		
19731	Eocene?		
19732	early or middle Miocene		
19733	Oligocene Zemorrian Stage		
19734	early Eocene		
19735	Oligocene Zemorrian Stage		
19736	early Miocene Saucesian Stage		
19737	early Eocene		
19738	early Miocene Saucesian? Stage		
19739	possibly middle Miocene Luisian Stage		
19740	possibly middle Miocene Luisian Stage		
19741	middle Miocene Luisian? Stage		
19742	early Miocene		
19743	Oligocene		
19744	early Eocene		
19745	Oligocene Zemorrian Stage		
19746	Oligocene Zemorrian Stage		
19747	early Miocene		
19748	Oligocene Zemorrian Stage		
19749	middle Miocene		
19750	early or middle Miocene Relizian or Luisian Stage		
19751	middle Miocene		
19752	middle Miocene		
19753	early or middle Miocene Relizian or Luisian Stage		
19754	early Miocene Relizian Stage		
19755	early Miocene Relizian Stage		
19756	middle Miocene Luisian Stage		
19757	early or middle Miocene Relizian or Luisian Stage		
19758	early Miocene		
19759	Eocene		
19760	Eocene		

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1	ZONE/STAGE/SERIES/AGE		
19761	Eocene		
19762	Eocene		
19763	Eocene		
19764	Eocene		
19765	Eocene		
19766	Eocene		
19767	Eocene		
19768	Eocene		
19769	Pliocene		
19770	middle and late Miocene lower Mohnian Stage		
19771	middle and late Miocene lower Mohnian Stage		
19772	early Miocene		
19773	late Paleocene E Zone		
19774	middle Miocene		
19775	middle Miocene		
19776	early Miocene		
19777	early Miocene		
19778	early Miocene		
19779	early Miocene		
19780	early Miocene		
19781	middle Miocene		
19782	middle Miocene Luisian Stage		
19783	middle Miocene Luisian Stage		
19784	early Miocene Relizian? Stage		
19785	early Miocene Relizian Stage		
19786	early Miocene Saucesian? Stage		
19787	early Miocene Saucesian Stage		
19788	middle and late Miocene Mohnian? Stage		
19789	early or middle Miocene Relizian or Luisian Stage		
19790	early Miocene Relizian Stage		
19791	early Eocene		
19792	early Eocene		
19793	marine Pleistocene		
19794	Pliocene		
19795	early Miocene Relizian Stage		
19796	early Miocene Relizian Stage		
19797	Oligocene Zemorrian Stage		
19798	marine Pleistocene		
19799	marine Pleistocene		
19800	marine Pleistocene		
19801	marine Pleistocene		
19802	marine Pleistocene		
19803	marine Pleistocene		
19804	marine Pleistocene		
19805	Oligocene Zemorrian Stage		
19806	early Miocene upper Saucesian Stage		
19807	Oligocene lower Zemorrian Stage		
19808	Oligocene lower Zemorrian Stage		
19809	late Paleocene E Zone		
19810	late Paleocene E Zone		
19811	middle and late Miocene lower Mohnian Stage		
19812	early Miocene		
19813	Eocene		
19814	Eocene		
19815	Eocene		
19816	Eocene		
19817	Eocene		
19818	Eocene		
19819	Eocene		
19820	Eocene		
19821	Eocene		
19822	Eocene		
19823	Eocene		
19824	Eocene		
19825	Eocene		
19826	Eocene		
19827	Eocene		
19828	Eocene		
19829	Eocene		
19830	Eocene		
19831	Eocene		
19832	Eocene		
19833	Eocene		
19834	late Eocene A-1 Zone		

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1	ZONE/STAGE/SERIES/AGE		
19835	Eocene		
19836	Eocene		
19837	Eocene		
19838	middle Miocene Luisian? Stage		
19839	Eocene		
19840	late Miocene		
19841	late Miocene		
19842	late Miocene		
19843	late Miocene		
19844	nonmarine		
19845	middle and late Miocene Mohnian Stage		
19846	middle Miocene Luisian Stage		
19847	middle and late Miocene lower Mohnian Stage		
19848	Miocene		
19849	Pliocene		
19850	Pliocene		
19851	Pliocene		
19852	late Miocene Delmontian Stage		
19853	middle Miocene Luisian Stage		
19854	middle and late Miocene Mohnian Stage		
19855	Miocene		
19856	Pliocene		
19857	Pliocene		
19858	Eocene		
19859	late Paleocene E Zone		
19860	Eocene		
19861	middle and late Miocene Mohnian Stage		
19862	middle and late Miocene Mohnian Stage		
19863	middle and late Miocene Mohnian Stage		
19864	middle and late Miocene Mohnian Stage		
19865	Eocene		
19866	Eocene		
19867	Eocene		
19868	Eocene		
19869	Eocene		
19870	late Paleocene E Zone		
19871	Eocene		
19872	Eocene		
19873	Eocene		
19874	Eocene		
19875	Eocene		
19876	early Miocene Relizian Stage		
19877	early Miocene Relizian? Stage		
19878	Cretaceous? arenaceous foraminifers		
19879	Cretaceous? arenaceous foraminifers		
19880	Eocene		
19881	Eocene		
19882	middle and late Miocene Mohnian Stage		
19883	Eocene		
19884	Eocene		
19885	early Miocene Saucesian Stage		
19886	no age information		
19887	middle Miocene Luisian Stage		
19888	middle and late Miocene lower Mohnian Stage		
19889	middle and late Miocene lower Mohnian Stage		
19890	middle and late Miocene Mohnian Stage		
19891	Pliocene		
19892	Pliocene		
19893	middle and late Miocene upper Mohnian Stage		
19894	early Miocene Saucesian or Relizian Stage		
19895	early Miocene Saucesian or Relizian Stage		
19896	early or middle Miocene		
19897	early Miocene Saucesian Stage		
19898	late Eocene		
19899	middle Eocene		
19900	early Miocene Relizian? Stage		
19901	early Miocene Relizian Stage		
19902	early Miocene Saucesian or Relizian Stage		
19903	Oligocene lower Zemorrian Stage		
19904	Oligocene lower Zemorrian Stage		
19905	early Miocene upper Saucesian Stage		
19906	early Miocene Relizian Stage		
19907	Oligocene lower Zemorrian Stage		
19908	Oligocene lower Zemorrian Stage		

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1	ZONE/STAGE/SERIES/AGE		
19909	Oligocene lower Zemorrian Stage		
19910	early Miocene upper Saucesian Stage		
19911	early Miocene Relizian Stage		
19912	Eocene		
19913	Pliocene		
19914	middle and late Miocene lower Mohnian Stage		
19915	early Miocene Relizian Stage		
19916	early Eocene		
19917	early Eocene		
19918	Paleocene or Eocene		
19919	Late Cretaceous arenaceous foraminifers		
19920	Late Cretaceous arenaceous foraminifers		
19921	Paleocene		
19922	Paleocene		
19923	Cretaceous arenaceous foraminifers		
19924	late Paleocene E zone		
19925	Eocene		
19926	middle and late Miocene Mohnian Stage		
19927	middle Miocene		
19928	Pliocene		
19929	middle and late Miocene Mohnian Stage		
19930	middle and late Miocene Mohnian Stage		
19931	middle and late Miocene Mohnian Stage		
19932	middle and late Miocene Mohnian Stage		
19933	middle and late Miocene Mohnian Stage		
19934	middle and late Miocene Mohnian Stage		
19935	middle and late Miocene Mohnian Stage		
19936	middle and late Miocene Mohnian Stage		
19937	middle and late Miocene Mohnian Stage		
19938	middle and late Miocene Mohnian Stage		
19939	middle and late Miocene Mohnian Stage		
19940	middle and late Miocene Mohnian Stage		
19941	middle and late Miocene Mohnian Stage		
19942	middle and late Miocene Mohnian Stage		
19943	middle and late Miocene Mohnian? Stage		
19944	Pliocene		
19945	middle and late Miocene Mohnian Stage		
19946	middle and late Miocene Mohnian Stage		
19947	middle and late Miocene Mohnian Stage		
19948	middle and late Miocene lower Mohnian Stage		
19949	middle and late Miocene lower? Mohnian Stage		
19950	middle and late Miocene lower Mohnian Stage		
19951	middle Miocene Luisian Stage		
19952	Eocene		
19953	Eocene		
19954	Eocene		
19955	Eocene		
19956	Eocene		
19957	Eocene		
19958	early Miocene Saucesian Stage		
19959	Eocene		
19960	Eocene		
19961	early Miocene Saucesian Stage		
19962	Eocene		
19963	early Miocene Relizian? Stage		
19964	early Miocene Relizian? Stage		
19965	middle and late Miocene lower Mohnian Stage		
19966	middle and late Miocene lower Mohnian Stage		
19967	Eocene or Oligocene		
19968	middle and late Miocene upper Mohnian Stage		
19969	early Miocene		
19970	early Miocene Relizian Stage		
19971	Oligocene or early Miocene		
19972	middle or late Miocene		
19973	middle and late Miocene Mohnian Stage		
19974	Eocene or Cretaceous		
19975	Cretaceous Senonian Stage		
19976	Late Cretaceous or Paleocene		
19977	Late Cretaceous or Paleocene		
19978	Late Cretaceous or Paleocene		
19979	Paleocene		
19980	Late Cretaceous or Paleocene		
19981	Late Cretaceous or Paleocene		
19982	Eocene		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
19983	Oligocene Zemorrian Stage		
19984	Oligocene Zemorrian Stage		
19985	early Miocene Saucesian Stage		
19986	possibly Miocene		
19987	Oligocene Zemorrian Stage		
19988	possibly early Miocene Relizian Stage		
19989	Late Cretaceous? arenaceous foraminifers		
19990	Late Cretaceous or Paleocene		
19991	Late Cretaceous arenaceous foraminifers		
19992	middle and late Miocene lower Mohnian Stage		
19993	middle and late Miocene Mohnian Stage		
19994	Miocene or Pliocene		
19995	Late Cretaceous or Paleocene		
19996	Late Cretaceous or Paleocene		
19997	Late Cretaceous or Paleocene		
19998	Late Cretaceous or Paleocene		
19999	Eocene		
20000	Late Cretaceous or Paleocene		
20001	middle and late Miocene Mohnian Stage		
20002	probably early Miocene Relizian Stage		
20003	probably middle Miocene Luisian Stage		
20004	early Miocene Saucesian Stage		
20005	early Miocene Saucesian? Stage		
20006	early Miocene Saucesian Stage		
20007	middle and late Miocene lower Mohnian Stage		
20008	Oligocene Zemorrian Stage		
20009	middle Miocene Luisian Stage		
20010	Oligocene Zemorrian? Stage		
20011	Oligocene Zemorrian Stage		
20012	Oligocene Zemorrian Stage		
20013	Oligocene Zemorrian Stage		
20014	Oligocene or early Miocene		
20015	Oligocene Zemorrian Stage		
20016	early Miocene		
20017	Oligocene Zemorrian Stage		
20018	early Miocene		
20019	middle Eocene A-2 Zone		
20020	middle Eocene A-2 Zone		
20021	Pliocene		
20022	Pliocene		
20023	early or middle Miocene		
20024	late Miocene or Pliocene		
20025	early Miocene		
20026	Eocene		
20027	possibly Eocene		
20028	Oligocene or early Miocene		
20029	Oligocene lower Zemorrian Stage		
20030	Oligocene Zemorrian Stage		
20031	possibly middle and late Miocene Mohnian Stage		
20032	middle Eocene A Zone		
20033	Paleocene (another report says middle Eocene)		
20034	Paleocene (another report says middle Eocene)		
20035	Oligocene Zemorrian Stage		
20036	early or middle Miocene		
20037	Pliocene		
20038	Miocene or Pliocene		
20039	Eocene		
20040	late Miocene		
20041	late Miocene		
20042	check??		
20043	late Eocene Refugian Stage		
20044	uncertain		
20045	middle Eocene A Zone		
20046	middle and late Miocene Mohnian Stage		
20047	Oligocene Zemorrian Stage		
20048	early Miocene Relizian Stage		
20049	middle Eocene A-2 Zone		
20050	middle and late Miocene upper Mohnian Stage		
20051	probably Eocene		
20052	possibly Pseudosaucesian facies		
20053	possibly Pseudosaucesian facies		
20054	early Miocene upper Saucesian Stage		
20055	early Miocene Relizian Stage		
20056	early Miocene lower Relizian Stage		

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1	**ZONE/STAGE/SERIES/AGE**		
20057	middle and late Miocene Mohnian Stage		
20058	late Miocene		
20059	Pliocene		
20060	middle Miocene Luisian Stage		
20061	middle Miocene Luisian Stage		
20062	early or middle Miocene		
20063	middle and late Miocene lower Mohnian Stage		
20064	Oligocene Zemorrian Stage		
20065	Oligocene Zemorrian Stage		
20066	late Miocene		
20067	late Miocene		
20068	late Miocene		
20069	late Miocene		
20070	late Miocene		
20071	late Miocene		
20072	middle Miocene		
20073	late Miocene		
20074	middle and late Miocene Mohnian? Stage		
20075	late Miocene		
20076	middle Miocene Luisian Stage		
20077	middle Miocene Luisian Stage		
20078	middle and late Miocene lower Mohnian Stage		
20079	middle Miocene Luisian Stage		
20080	middle and late Miocene upper Mohnian Stage		
20081	middle and late Miocene Mohnian Stage		
20082	early Miocene Saucesian or Relizian Stage		
20083	middle and late Miocene Mohnian? Stage		
20084	middle and late Miocene Mohnian Stage		
20085	middle and late Miocene Mohnian Stage		
20086	middle Miocene Luisian Stage		
20087	late Miocene Delmontian Stage		
20088	middle and late Miocene lower Mohnian Stage		
20089	late Miocene		
20090	Oligocene Zemorrian Stage		
20091	Oligocene Zemorrian Stage		
20092	early Miocene Saucesian Stage		
20093	late Eocene		
20094	late Eocene		
20095	late Eocene		
20096	Oligocene lower Zemorrian Stage		
20097	early Miocene		
20098	middle and late Miocene Mohnian? Stage		
20099	late? Miocene		
20100	late Miocene		
20101	late? Miocene		
20102	middle Miocene Luisian Stage		
20103	middle Miocene Luisian Stage		
20104	early Miocene lower Relizian Stage		
20105	early or middle Miocene		
20106	early or middle Miocene		
20107	early Miocene upper Relizian Stage		
20108	early Miocene Relizian Stage		
20109	middle Miocene		
20110	early Miocene lower Relizian Stage		
20111	middle Miocene Luisian Stage		
20112	early Miocene Relizian Stage		
20113	? middle Miocene		
20114	late? Miocene		
20115	?late Miocene		
20116	middle or late miocene		
20117	middle and late Miocene Mohnian Stage		
20118	middle and late Miocene Mohnian Stage		
20119	middle and late Miocene Mohnian Stage		
20120	early Miocene Relizian Stage		
20121	early Miocene lower Relizian Stage		
20122	early Miocene Relizian Stage		
20123	middle and late Miocene Mohnian Stage		
20124	early Miocene Relizian Stage		
20125	middle or late Miocene		
20126	middle or late miocene		
20127	middle and late Miocene Mohnian Stage		
20128	middle and late Miocene Mohnian Stage		
20129	middle and late Miocene Mohnian Stage		
20130	middle Miocene Luisian Stage		

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1	**ZONE/STAGE/SERIES/AGE**		
20131	middle and late Miocene Mohnian Stage		
20132	middle Miocene		
20133	middle Miocene		
20134	middle Miocene		
20135	middle Miocene		
20136	middle Miocene upper Luisian Stage		
20137	middle and late Miocene lower? Mohnian Stage		
20138	middle and late Miocene lower? Mohnian Stage		
20139	middle Miocene Luisian Stage		
20140	middle Miocene Luisian Stage		
20141	possibly early Miocene		
20142	middle and late Miocene Mohnian Stage		
20143	middle Miocene Luisian Stage		
20144	middle Miocene Luisian Stage		
20145	middle Miocene Luisian Stage		
20146	middle Miocene Luisian Stage		
20147	middle Miocene Luisian Stage		
20148	middle Miocene Luisian Stage		
20149	middle Miocene Luisian Stage		
20150	middle Miocene		
20151	middle Miocene		
20152	middle Miocene		
20153	middle? Miocene		
20154	middle Miocene		
20155	early Miocene upper Saucesian Stage		
20156	early Miocene Saucesian Stage		
20157	middle Miocene Luisian Stage		
20158	middle Miocene		
20159	possibly early Miocene lower Relizian Stage		
20160	middle Miocene		
20161	middle Miocene		
20162	middle and late Miocene lower Mohnian Stage		
20163	early Miocene Saucesian Stage		
20164	Pliocene		
20165	Oligocene Zemorrian or early Miocene Saucesian Stage		
20166	Oligocene Zemorrian or early Miocene Saucesian Stage		
20167	early Miocene		
20168	early Miocene		
20169	early Miocene		
20170	Oligocene Zemorrian or early Miocene Saucesian Stage		
20171	late Eocene Refugian Stage		
20172	middle Eocene A Zone		
20173	middle Eocene A Zone		
20174	early Miocene Saucesian Stage		
20175	Oligocene Zemorrian or early Miocene Saucesian Stage		
20176	Oligocene Zemorrian or early Miocene Saucesian Stage		
20177	Oligocene Zemorrian or early Miocene Saucesian Stage		
20178	Oligocene Zemorrian or early Miocene Saucesian Stage		
20179	Oligocene Zemorrian or early Miocene Saucesian Stage		
20180	middle and late Miocene lower Mohnian Stage		
20181	Oligocene Zemorrian or early Miocene Saucesian Stage		
20182	Oligocene Zemorrian or early Miocene Saucesian Stage		
20183	Oligocene Zemorrian or early Miocene Saucesian Stage		
20184	possibly middle and late Miocene lower Mohnian Stage		
20185	possibly middle and late Miocene Mohnian Stage		
20186	middle Eocene A Zone		
20187	Oligocene upper Zemorrian Stage		
20188	Oligocene Zemorrian or early Miocene Saucesian Stage		
20189	middle and late Miocene upper Mohnian Stage		
20190	middle and late Miocene Mohnian? Stage		
20191	middle and late Miocene Mohnian? Stage		
20192	middle and late Miocene Mohnian? Stage		
20193	middle and late Miocene lower? Mohnian Stage		
20194	middle and late Miocene lower? Mohnian Stage		
20195	middle and late Miocene Mohnian Stage		
20196	early Miocene Saucesian or Relizian Stage		
20197	early Miocene Relizian Stage		
20198	early Miocene Relizian Stage		
20199	probably early Miocene Saucesian Stage		
20200	probably early Miocene Saucesian Stage		
20201	Oligocene Zemorrian or early Miocene Saucesian Stage		
20202	early Miocene Saucesian Stage		
20203	early Miocene Saucesian or Relizian Stage		
20204	early Miocene		

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1	ZONE/STAGE/SERIES/AGE		
20205	early Miocene		
20206	Oligocene Zemorrian or early Miocene Saucesian Stage		
20207	Oligocene Zemorrian or early Miocene Saucesian Stage		
20208	early Miocene		
20209	early Miocene		
20210	Oligocene Zemorrian or early Miocene Saucesian Stage		
20211	early Miocene		
20212	middle Miocene		
20213	early or middle Miocene Relizian or Luisian Stage		
20214	Oligocene Zemorrian or early Miocene Saucesian Stage		
20215	early or middle Miocene Relizian or Luisian Stage		
20216	early Miocene		
20217	Oligocene Zemorrian or early Miocene Saucesian Stage		
20218	middle Miocene Luisian Stage		
20219	middle Miocene Luisian Stage		
20220	Miocene or Pliocene		
20221	Miocene or Pliocene		
20222	early Miocene Saucesian Stage		
20223	probably Oligocene Zemorrian Stage		
20224	Oligocene lower Zemorrian Stage		
20225	middle Eocene A Zone		
20226	late Eocene		
20227	late Eocene		
20228	late Eocene		
20229	probably Eocene		
20230	probably Eocene		
20231	Oligocene lower Zemorrian Stage		
20232	early Pleistocene or Pliocene		
20233	middle Miocene		
20234	middle Miocene		
20235	middle Miocene		
20236	Late Cretaceous		
20237	early Miocene		
20238	Late Cretaceous		
20239	Late Cretaceous		
20240	early Miocene Saucesian Stage		
20241	Late Cretaceous or early Tertiary		
20242	early Miocene lower Relizian Stage		
20243	Late Cretaceous or early Tertiary		
20244	Oligocene upper Zemorrian Stage		
20245	Oligocene upper Zemorrian Stage		
20246	middle Eocene A Zone		
20247	middle Eocene A Zone		
20248	middle Eocene A Zone		
20249	late Eocene Refugian Stage		
20250	early or middle Miocene		
20251	early or middle Miocene		
20252	late Eocene Refugian Stage		
20253	middle Miocene Luisian Stage		
20254	early Miocene Relizian Stage		
20255	early Miocene Relizian Stage		
20256	middle Miocene		
20257	early Miocene Saucesian Stage		
20258	early Miocene		
20259	early Miocene Saucesian Stage		
20260	late Miocene		
20261	early Miocene Saucesian Stage		
20262	early Miocene		
20263	early Miocene Saucesian or Relizian Stage		
20264	early Miocene lower Saucesian Stage		
20265	Oligocene Zemorrian or early Miocene Saucesian Stage		
20266	Oligocene upper Zemorrian Stage		
20267	early Miocene Saucesian Stage		
20268	Oligocene Zemorrian Stage		
20269	Oligocene upper Zemorrian Stage		
20270	Oligocene upper Zemorrian Stage		
20271	Oligocene Zemorrian or early Miocene Saucesian Stage		
20272	Oligocene Zemorrian or early Miocene Saucesian Stage		
20273	Oligocene lower Zemorrian Stage		
20274	Oligocene lower Zemorrian Stage		
20275	Oligocene lower Zemorrian Stage		
20276	Oligocene Zemorrian or early Miocene Saucesian Stage		
20277	early or middle Miocene Relizian or Luisian Stage		
20278	late Miocene or Pliocene		

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1	**ZONE/STAGE/SERIES/AGE**		
20279	Oligocene or early Miocene Zemorrian or Saucesian		
20280	early Miocene		
20281	Oligocene Zemorrian Stage		
20282	Oligocene or early Miocene Zemorrian or Saucesian		
20283	middle Eocene A Zone		
20284	probably Eocene		
20285	middle Eocene A Zone		
20286	probably late Eocene Refugian Stage		
20287	middle Eocene A Zone		
20288	middle Eocene A Zone		
20289	middle Eocene A Zone		
20290	middle Eocene A Zone		
20291	late Eocene Refugian Stage		
20292	middle Eocene A Zone		
20293	middle Eocene A Zone		
20294	middle Eocene A Zone		
20295	middle Eocene A Zone		
20296	middle Eocene A Zone		
20297	early or middle Miocene Relizian or Luisian Stage		
20298	early or middle Miocene Relizian or Luisian Stage		
20299	early Miocene Relizian Stage		
20300	possibly Oligocene Zemorrian Stage		
20301	Oligocene Zemorrian or early Miocene Saucesian Stage		
20302	Oligocene Zemorrian Stage		
20303	early Miocene Saucesian or Relizian Stage		
20304	middle Eocene A Zone		
20305	Paleocene		
20306	Paleocene		
20307	Paleocene		
20308	Paleocene		
20309	middle Miocene Luisian Stage		
20310	early Miocene lower Saucesian Stage		
20311	early Miocene lower Saucesian Stage		
20312	early Miocene lower Saucesian Stage		
20313	middle Miocene		
20314	middle Miocene		
20315	middle Miocene Luisian Stage		
20316	middle Miocene Luisian Stage		
20317	early or middle Miocene		
20318	Oligocene Zemorrian Stage		
20319	Late Jurassic M Zone		
20320	Late Jurassic? M? Zone		
20321	Early Cretaceous L Zone		
20322	Early Cretaceous K Zone		
20323	Late Cretaceous F-1 or G-1 Zone		
20324	Late Cretaceous F-1 Zone		
20325	Late Cretaceous F-1 or G-1 Zone		
20326	Late Cretaceous F-1 or G-1 Zone		
20327	Late Cretaceous F-1 or G-1 Zone		
20328	Late Cretaceous F-1 or G-1 Zone		
20329	Late Cretaceous F-1 or G-1 Zone		
20330	Late Cretaceous F-1 or G-1 Zone		
20331	Late Cretaceous F-1 or G-1 Zone		
20332	Late Cretaceous F-1 or G-1 Zone		
20333	Late Cretaceous F-1 or G-1 Zone		
20334	Late Cretaceous G-1 Zone		
20335	Late Cretaceous G-1 Zone		
20336	Late Cretaceous G-1 Zone		
20337	Late Cretaceous G-1 Zone		
20338	Late Cretaceous G-1 Zone		
20339	Late Cretaceous G-1 Zone		
20340	Late Cretaceous F-1 or G-1 Zone		
20341	Late Cretaceous G-1 Zone		
20342	Late Cretaceous G-1 Zone		
20343	Late Cretaceous G-1 Zone		
20344	Late Cretaceous G-1 Zone		
20345	Late Cretaceous G-1 Zone		
20346	Late Cretaceous G-1 Zone		
20347	Late Cretaceous G-1 Zone		
20348	Late Cretaceous G-1 Zone		
20349	Late Cretaceous G-1 Zone		
20350	Late Cretaceous G-1 Zone		
20351	Late Cretaceous G-1 Zone		
20352	Late Cretaceous G-1 Zone		

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1	ZONE/STAGE/SERIES/AGE		
20353	Late Cretaceous G-1 Zone		
20354	Late Cretaceous G-1 Zone		
20355	Late Cretaceous G-1 Zone		
20356	Late Cretaceous G-1 Zone		
20357	Late Cretaceous G-1 Zone		
20358	Late Cretaceous G-1 Zone		
20359	Late Cretaceous G-1 Zone		
20360	Late Cretaceous G-1 Zone		
20361	Late Cretaceous G-1 Zone		
20362	Late Cretaceous G-1 Zone		
20363	Late Cretaceous F-1 or G-1 Zone		
20364	Late Cretaceous F-1 or G-1 Zone		
20365	Late Cretaceous F-1 or G-1 Zone		
20366	Late Cretaceous F-1 or G-1 Zone		
20367	Late Cretaceous F-1 or G-1 Zone		
20368	Late Cretaceous F-1 or G-1 Zone		
20369	Late Cretaceous F-1 or G-1 Zone		
20370	Late Cretaceous F-1 or G-1 Zone		
20371	Late Cretaceous F-1 or G-1 Zone		
20372	Late Cretaceous F-1 or G-1 Zone		
20373	Late Cretaceous F-1 or G-1 Zone		
20374	Late Cretaceous F-1 or G-1 Zone		
20375	Late Cretaceous F-1 or G-1 Zone		
20376	Late Cretaceous F-1 or G-1 Zone		
20377	Late Cretaceous arenaceous foraminifers		
20378	Late Cretaceous G-1 Zone		
20379	Late Cretaceous G-1 Zone		
20380	Late Cretaceous G-1 Zone		
20381	Late Cretaceous G-1 Zone		
20382	Late Cretaceous G-1 Zone		
20383	Late Cretaceous G-1 Zone		
20384	Late Cretaceous arenaceous foraminifers		
20385	Late Cretaceous G-1 Zone		
20386	Late Cretaceous G-1 Zone		
20387	Late Cretaceous G-1 Zone		
20388	Late Cretaceous G-1 Zone		
20389	Late Cretaceous G-1 Zone		
20390	Late Cretaceous G-1 Zone		
20391	Late Cretaceous G-1 Zone		
20392	Late Cretaceous H Zone		
20393	Late Cretaceous H Zone		
20394	Late Cretaceous H Zone		
20395	Late Cretaceous H Zone		
20396	Late Cretaceous H Zone		
20397	Late Cretaceous H Zone		
20398	Late Cretaceous H Zone		
20399	Late Cretaceous H Zone		
20400	Late Cretaceous H Zone		
20401	Late Cretaceous H Zone		
20402	Late Cretaceous H Zone		
20403	Late Cretaceous H Zone		
20404	Late Cretaceous H Zone		
20405	Late Cretaceous H Zone		
20406	Late Cretaceous H Zone		
20407	Late Cretaceous H Zone		
20408	Late Cretaceous H Zone		
20409	Late Cretaceous H Zone		
20410	Late Cretaceous H Zone		
20411	Late Cretaceous H Zone		
20412	Late Cretaceous H Zone		
20413	Late Cretaceous H Zone		
20414	Late Cretaceous H Zone		
20415	Late Cretaceous H Zone		
20416	Late Cretaceous H Zone		
20417	Late Cretaceous H Zone		
20418	Late Cretaceous H Zone		
20419	Late Cretaceous H Zone		
20420	Late Cretaceous H Zone		
20421	Late Cretaceous H Zone		
20422	Late Cretaceous H Zone		
20423	Late Cretaceous H Zone		
20424	Late Cretaceous H Zone		
20425	Late Cretaceous H Zone		
20426	Late Cretaceous H Zone		

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1	ZONE/STAGE/SERIES/AGE		
20427	Late Cretaceous H Zone		
20428	Late Cretaceous H Zone		
20429	Late Cretaceous H Zone		
20430	Late Cretaceous H Zone		
20431	Late Cretaceous G-1 Zone		
20432	Late Cretaceous G-1 Zone		
20433	probably Late Cretaceous H Zone		
20434	probably Late Cretaceous H Zone		
20435	probably Late Cretaceous H Zone		
20436	probably Late Cretaceous H Zone		
20437	probably Late Cretaceous H Zone		
20438	probably Late Cretaceous H Zone		
20439	probably Late Cretaceous H Zone		
20440	probably Late Cretaceous H Zone		
20441	probably Late Cretaceous H Zone		
20442	probably Late Cretaceous H Zone		
20443	probably Late Cretaceous H Zone		
20444	probably Late Cretaceous H Zone		
20445	probably Late Cretaceous H Zone		
20446	probably Late Cretaceous H Zone		
20447	probably Late Cretaceous H Zone		
20448	probably Late Cretaceous H Zone		
20449	probably Late Cretaceous H Zone		
20450	probably Late Cretaceous H Zone		
20451	probably Late Cretaceous H Zone		
20452	probably Late Cretaceous H Zone		
20453	probably Late Cretaceous H Zone		
20454	probably Late Cretaceous H Zone		
20455	probably Late Cretaceous H Zone		
20456	probably Late Cretaceous H Zone		
20457	probably Late Cretaceous H Zone		
20458	probably Late Cretaceous H Zone		
20459	probably Late Cretaceous H Zone		
20460	probably Late Cretaceous H Zone		
20461	probably Late Cretaceous H Zone		
20462	probably Late Cretaceous H Zone		
20463	probably Late Cretaceous H Zone		
20464	probably Late Cretaceous H Zone		
20465	probably Late Cretaceous H Zone		
20466	probably Late Cretaceous H Zone		
20467	probably Late Cretaceous H Zone		
20468	probably Late Cretaceous H Zone		
20469	probably Late Cretaceous H Zone		
20470	probably Late Cretaceous H Zone		
20471	probably Late Cretaceous H Zone		
20472	probably Late Cretaceous H Zone		
20473	probably Late Cretaceous H Zone		
20474	probably Late Cretaceous H Zone		
20475	probably Late Cretaceous H Zone		
20476	probably Late Cretaceous H Zone		
20477	probably Late Cretaceous H Zone		
20478	probably Late Cretaceous H Zone		
20479	probably Late Cretaceous H Zone		
20480	probably Late Cretaceous H Zone		
20481	probably Late Cretaceous H Zone		
20482	probably Late Cretaceous H Zone		
20483	probably Late Cretaceous H Zone		
20484	probably Late Cretaceous H Zone		
20485	probably Late Cretaceous H Zone		
20486	probably Late Cretaceous H Zone		
20487	probably Late Cretaceous H Zone		
20488	probably Late Cretaceous H Zone		
20489	probably Late Cretaceous H Zone		
20490	probably Late Cretaceous H Zone		
20491	probably Late Cretaceous H Zone		
20492	probably Late Cretaceous H Zone		
20493	probably Late Cretaceous H Zone		
20494	probably Late Cretaceous H Zone		
20495	probably Late Cretaceous H Zone		
20496	probably Late Cretaceous H Zone		
20497	probably Late Cretaceous H Zone		
20498	probably Late Cretaceous H Zone		
20499	probably Late Cretaceous H Zone		
20500	probably Late Cretaceous H Zone		

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1	ZONE/STAGE/SERIES/AGE		
20501	probably Late Cretaceous H Zone		
20502	probably Late Cretaceous H Zone		
20503	probably Late Cretaceous H Zone		
20504	probably Late Cretaceous H Zone		
20505	probably Late Cretaceous H Zone		
20506	probably Late Cretaceous H Zone		
20507	probably Late Cretaceous H Zone		
20508	probably Late Cretaceous H Zone		
20509	probably Late Cretaceous H Zone		
20510	probably Late Cretaceous H Zone		
20511	probably Late Cretaceous H Zone		
20512	probably Late Cretaceous H Zone		
20513	probably Late Cretaceous H Zone		
20514	probably Late Cretaceous H Zone		
20515	probably Late Cretaceous H Zone		
20516	probably Late Cretaceous H Zone		
20517	probably Late Cretaceous H Zone		
20518	probably Late Cretaceous H Zone		
20519	probably Late Cretaceous H Zone		
20520	probably Late Cretaceous H Zone		
20521	probably Late Cretaceous H Zone		
20522	probably Late Cretaceous H Zone		
20523	probably Late Cretaceous H Zone		
20524	probably Late Cretaceous H Zone		
20525	probably Late Cretaceous H Zone		
20526	probably Late Cretaceous H Zone		
20527	probably Late Cretaceous H Zone		
20528	probably Late Cretaceous H Zone		
20529	probably Late Cretaceous H Zone		
20530	probably Late Cretaceous H Zone		
20531	probably Late Cretaceous H Zone		
20532	probably Late Cretaceous H Zone		
20533	probably Late Cretaceous H Zone		
20534	probably Late Cretaceous H Zone		
20535	probably Late Cretaceous H Zone		
20536	probably Late Cretaceous H Zone		
20537	probably Late Cretaceous H Zone		
20538	probably Late Cretaceous H Zone		
20539	probably Late Cretaceous H Zone		
20540	Late Cretaceous H Zone		
20541	Late Cretaceous arenaceous foraminifers		
20542	middle Eocene		
20543	early Miocene		
20544	early Miocene upper Relizian Stage		
20545	Oligocene upper Zemorrian Stage		
20546	Oligocene upper Zemorrian Stage		
20547	Late Cretaceous		
20548	Pliocene		
20549	Pliocene		
20550	Pliocene		
20551	Pliocene		
20552	Pliocene		
20553	middle and late Miocene upper Mohnian Stage		
20554	Paleocene		
20555	Cretaceous arenaceous foraminifers		
20556	early Miocene lower Relizian Stage		
20557	early Eocene P-8 to P-9		
20558	early Eocene P-9 etc		
20559	early Eocene		
20560	early Eocene		
20561	early Eocene		
20562	early Eocene		
20563	early Eocene		
20564	early Eocene		
20565	early Eocene		
20566	middle Eocene		
20567	middle Eocene		
20568	middle Eocene		
20569	middle Eocene		
20570	middle Eocene		
20571	middle Eocene		
20572	middle Eocene		
20573	middle Eocene		
20574	middle Eocene		

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1	ZONE/STAGE/SERIES/AGE		
20575	middle Eocene		
20576	middle Eocene		
20577	middle Eocene		
20578	middle Eocene		
20579	middle Eocene		
20580	middle Eocene		
20581	middle Eocene		
20582	middle Eocene		
20583	middle Eocene		
20584	middle and late Miocene Mohnian Stage		
20585	middle and late Miocene Mohnian Stage		
20586	middle and late Miocene Mohnian Stage		
20587	middle and late Miocene Mohnian Stage		
20588	middle and late Miocene Mohnian Stage		
20589	middle and late Miocene Mohnian Stage		
20590	late Eocene		
20591	middle Miocene Luisian? Stage		
20592	middle Miocene lower Luisian Stage		
20593	middle Miocene lower Luisian Stage		
20594	Late Cretaceous Senonian Stage		
20595	Oligocene Zemorrian Stage		
20596	Eocene or Oligocene		
20597	late Miocene		
20598	late Miocene		
20599	late Miocene		
20600	late Miocene		
20601	late Miocene		
20602	late Miocene		
20603	late Miocene		
20604	late Miocene		
20605	late Miocene		
20606	late Miocene		
20607	early Miocene Relizian Stage		
20608	middle and late Miocene upper Mohnian Stage		
20609	late Eocene		
20610	middle and late Miocene upper Mohnian Stage		
20611	Eocene		
20612	middle Miocene Luisian? Stage		
20613	middle Miocene		
20614	middle? Miocene		
20615	middle Miocene		
20616	middle Miocene		
20617	middle Miocene Luisian Stage		
20618	middle Miocene Luisian Stage		
20619	middle Miocene Luisian Stage		
20620	early Pleistocene		
20621	middle Miocene		
20622	middle to late Miocene		
20623	middle Miocene		
20624	middle Miocene		
20625	middle Miocene		
20626	middle Miocene		
20627	middle Miocene		
20628	middle Miocene		
20629	middle Miocene		
20630	middle Miocene		
20631	middle Miocene		
20632	middle Miocene		
20633	middle Miocene		
20634	middle Miocene		
20635	middle Miocene		
20636	middle Miocene		
20637	middle Miocene		
20638	middle Miocene		
20639	middle Miocene		
20640	middle Miocene		
20641	middle Miocene		
20642	Eocene		
20643	Cretaceous		
20644	Cretaceous		
20645	middle Miocene Luisian? Stage		
20646	middle Miocene Luisian Stage		
20647	middle and late Miocene Mohnian Stage		
20648	middle and late Miocene Mohnian Stage		

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1	**ZONE/STAGE/SERIES/AGE**		
20649	Late Cretaceous to Eocene		
20650	Oligocene Zemorrian or early Miocene Saucesian Stage		
20651	early Miocene Saucesian Stage		
20652	early Miocene Saucesian Stage		
20653	middle Miocene Luisian Stage		
20654	middle Miocene Luisian Stage		
20655	early Miocene Saucesian Stage		
20656	Oligocene Zemorrian or early Miocene Saucesian Stage		
20657	early Miocene lower Saucesian Stage		
20658	early Miocene lower Saucesian Stage		
20659	early Miocene lower Saucesian Stage		
20660	Late Cretaceous or Paleocene		
20661	Late Cretaceous?		
20662	early Miocene Saucesian Stage		
20663	early Miocene Saucesian Stage		
20664	early Miocene Saucesian? Stage		
20665	middle and late Miocene Mohnian Stage		
20666	middle and late Miocene Mohnian Stage		
20667	Pliocene		
20668	Eocene		
20669	early Miocene Relizian Stage		
20670	middle? Miocene		
20671	early Miocene Relizian Stage		
20672	early Miocene Relizian Stage		
20673	early Miocene Relizian Stage		
20674	middle Miocene Luisian Stage		
20675	middle Miocene Luisian Stage		
20676	early Miocene Relizian Stage		
20677	early Miocene Relizian Stage		
20678	early Miocene Relizian Stage		
20679	early Miocene Relizian Stage		
20680	Eocene		
20681	Late Cretaceous C or D-1 Zone		
20682	Late Cretaceous C or D-1 Zone		
20683	Late Cretaceous E Zone		
20684	Late Cretaceous E Zone		
20685	Late Cretaceous E Zone		
20686	Late Cretaceous F Zone		
20687	Late Cretaceous F Zone		
20688	Late Cretaceous F Zone		
20689	Early or middle Miocene Relizian or Luisian Stage		
20690	middle Miocene Luisian Stage		
20691	middle Miocene Luisian Stage		
20692	middle Miocene Luisian Stage		
20693	middle and late Miocene Mohnian Stage		
20694	middle and late Miocene Mohnian Stage		
20695	middle and late Miocene Mohnian Stage		
20696	middle and late Miocene Mohnian Stage		
20697	middle and late Miocene lower Mohnian Stage		
20698			
20699	middle and late Miocene Mohnian Stage		
20700	middle and late Miocene Mohnian Stage		
20701	middle and late Miocene Mohnian Stage		
20702	middle and late Miocene lower? Mohnian Stage		
20703	middle and late Miocene Mohnian Stage		
20704	middle and late Miocene Mohnian Stage		
20705	middle and late Miocene lower Mohnian Stage		
20706	middle and late Miocene Mohnian Stage		
20707	middle and late Miocene lower? Mohnian Stage		
20708	middle and late Miocene lower Mohnian Stage		
20709	middle and late Miocene lower Mohnian Stage		
20710	middle and late Miocene lower Mohnian Stage		
20711	middle and late Miocene Mohnian Stage		
20712	middle and late Miocene lower Mohnian Stage		
20713	middle and late Miocene Mohnian Stage		
20714	middle and late Miocene Mohnian Stage		
20715	middle and late Miocene lower Mohnian Stage		
20716	middle and late Miocene Mohnian Stage		
20717	middle and late Miocene lower Mohnian Stage		
20718	middle and late Miocene Mohnian Stage		
20719	middle and late Miocene lower Mohnian Stage		
20720	middle and late Miocene lower Mohnian Stage		
20721	middle and late Miocene lower Mohnian Stage		
20722	Eocene		

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1	**ZONE/STAGE/SERIES/AGE**		
20723	middle and late Miocene Mohnian Stage		
20724	middle and late Miocene Mohnian Stage		
20725	middle and late Miocene Mohnian Stage		
20726	early or middle Miocene Relizian or Luisian Stage		
20727	early Miocene Relizian Stage		
20728	middle Miocene Luisian Stage		
20729	early or middle Eocene C to A-2 Zone		
20730	early or middle Eocene C to A-2 Zone		
20731	early or middle Eocene C to A-2 Zone		
20732	early or middle Eocene C to A-2 Zone		
20733	middle and late Miocene lower Mohnian Stage		
20734	early to middle Eocene C to A-2 Zone		
20735	early or middle Eocene C to A-2 Zone		
20736	early Miocene Relizian Stage		
20737	early or middle Eocene C to A-2 Zone		
20738	early or middle Miocene Relizian or Luisian Stage		
20739	middle Miocene Luisian Stage		
20740	middle Miocene Luisian Stage		
20741	early Miocene Relizian Stage		
20742	middle Miocene Luisian? Stage		
20743	middle Miocene		
20744	early or middle Miocene		
20745	middle Miocene Luisian Stage		
20746	possibly middle Miocene Luisian Stage		
20747	middle Miocene		
20748	middle Miocene		
20749	early or middle Eocene C to A-2 Zone		
20750	early Miocene Relizian Stage		
20751	middle Miocene		
20752	early Miocene Relizian Stage		
20753	middle Miocene		
20754	middle Miocene		
20755	probably middle Miocene Luisian Stage		
20756	middle Miocene		
20757	middle Miocene		
20758	middle Miocene Luisian Stage		
20759	early Miocene Relizian Stage		
20760	Eocene		
20761	middle Miocene		
20762	early or middle Miocene		
20763	middle and late Miocene Mohnian Stage		
20764	early Miocene Relizian Stage		
20765	middle and late Miocene Mohnian Stage		
20766	middle and late Miocene Mohnian Stage		
20767	early or middle Miocene		
20768	middle and late Miocene Mohnian Stage		
20769	middle and late Miocene Mohnian Stage		
20770	early Miocene Relizian Stage		
20771	early Miocene Relizian Stage		
20772	early Miocene Relizian Stage		
20773	early Miocene Relizian Stage		
20774	early or middle Miocene Relizian or Luisian Stage		
20775	middle Miocene Luisian Stage		
20776	middle Miocene Luisian Stage		
20777	middle Miocene Luisian Stage		
20778	middle and late Miocene Mohnian Stage		
20779	middle Miocene Luisian Stage		
20780	middle Miocene Luisian Stage		
20781	middle and late Miocene Mohnian Stage		
20782	middle and late Miocene lower Mohnian Stage		
20783	middle and late Miocene Mohnian Stage		
20784	middle and late Miocene lower Mohnian Stage		
20785	middle and late Miocene Mohnian Stage		
20786	middle Miocene Luisian Stage		
20787	middle Miocene Luisian Stage		
20788	middle Miocene Luisian Stage		
20789	middle Miocene Luisian Stage		
20790	middle and late Miocene Mohnian Stage		
20791	middle and late Miocene Mohnian Stage		
20792	middle and late Miocene Mohnian Stage		
20793	middle and late Miocene Mohnian Stage		
20794	middle and late Miocene Mohnian Stage		
20795	Late Cretaceous or Paleocene		
20796	middle and late Miocene Mohnian Stage		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
20797	Late Cretaceous or Paleocene		
20798	early to middle Eocene C to A-2 Zone		
20799	middle and late Miocene Mohnian Stage		
20800	middle and late Miocene lower Mohnian Stage		
20801	middle and late Miocene		
20802	middle and late Miocene Mohnian Stage		
20803	middle and late Miocene upper Mohnian Stage		
20804	middle and late Miocene upper Mohnian Stage		
20805	middle and late Miocene		
20806	Mohnian Stage		
20807	middle and late Miocene Mohnian Stage		
20808	Late Cretaceous F-1 or G-1 Zone		
20809	middle and late Miocene upper Mohnian Stage		
20810	middle and late Miocene upper Mohnian Stage		
20811	middle and late Miocene upper Mohnian Stage		
20812	middle and late Miocene Mohnian Stage		
20813	middle and late Miocene upper Mohnian Stage		
20814	probably Oligocene Zemorrian Stage		
20815	early Miocene Saucesian or Relizian Stage		
20816	early Miocene		
20817	middle Miocene		
20818	middle Miocene Luisian Stage		
20819	Oligocene Zemorrian Stage		
20820	Oligocene Zemorrian Stage		
20821	Oligocene Zemorrian Stage		
20822	Oligocene Zemorrian Stage		
20823	middle Eocene A Zone		
20824	middle and late Miocene Mohnian Stage		
20825	middle and late Miocene lower Mohnian Stage		
20826	early Miocene		
20827	early Miocene Saucesian Stage		
20828	early Miocene		
20829	early Miocene		
20830	early Miocene		
20831	Oligocene lower Zemorrian Stage		
20832	Oligocene lower Zemorrian Stage		
20833	Oligocene Zemorrian Stage		
20834	Oligocene probably lower Zemorrian Stage		
20835	Miocene		
20836	middle Eocene A-1 Zone		
20837	early Miocene		
20838	Oligocene lower Zemorrian Stage		
20839	middle Eocene A Zone		
20840	middle Eocene A Zone		
20841	early Miocene Relizian Stage		
20842	Oligocene Zemorrian Stage		
20843	Oligocene or early Miocene		
20844	Oligocene lower Zemorrian Stage		
20845	possibly middle Miocene		
20846	Oligocene lower Zemorrian Stage		
20847	Oligocene lower Zemorrian Stage		
20848	Oligocene Zemorrian Stage		
20849	middle Eocene A Zone		
20850	middle Eocene A Zone		
20851	possibly late Eocene		
20852	possibly early Miocene		
20853	early Miocene		
20854	Oligocene upper Zemorrian		
20855	early Miocene		
20856	early Miocene		
20857	probably early Miocene		
20858	probably Oligocene Zemorrian Stage		
20859	probably Oligocene Zemorrian Stage		
20860	Oligocene upper? Zemorrian Stage		
20861	Pliocene?		
20862	early Miocene		
20863	possibly early Miocene		
20864	early Miocene		
20865	middle Eocene A-2 Zone		
20866	possibly late Eocene		
20867	early Miocene		
20868	early Miocene		
20869	early Miocene		
20870	Oligocene Zemorrian Stage		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
20871	early Miocene Saucesian Stage		
20872	middle and late Miocene Mohnian Stage		
20873	early Miocene Relizian Stage		
20874	Oligocene Zemorrian or early Miocene Saucesian Stage		
20875	middle and late Miocene lower Mohnian Stage		
20876	middle and late Miocene lower Mohnian Stage		
20877	middle and late Miocene lower Mohnian Stage		
20878	Oligocene Zemorrian or early Miocene Saucesian Stage		
20879	Oligocene Zemorrian or early Miocene Saucesian Stage		
20880	Oligocene Zemorrian or early Miocene Saucesian Stage		
20881	middle and late Miocene upper Mohnian Stage		
20882	Oligocene Zemorrian or early Miocene Saucesian Stage		
20883	middle and late Miocene upper Mohnian Stage		
20884	middle and late Miocene Mohnian? Stage		
20885	Oligocene Zemorrian Stage		
20886	middle and late Miocene Mohnian? Stage		
20887	Oligocene Zemorrian Stage		
20888	middle and late Miocene Mohnian? Stage		
20889	Oligocene Zemorrian Stage		
20890	Oligocene Zemorrian or early Miocene Saucesian Stage		
20891	middle and late Miocene upper Mohnian Stage		
20892	middle and late Miocene upper Mohnian Stage		
20893	Oligocene Zemorrian or early Miocene Saucesian Stage		
20894	middle and late Miocene Mohnian? Stage		
20895	middle Eocene A-2 Zone		
20896	middle and late Miocene lower Mohnian Stage		
20897	middle Eocene A-2 Zone		
20898	middle and late Miocene upper Mohnian Stage		
20899	Oligocene Zemorrian or early Miocene Saucesian Stage		
20900	middle and late Miocene upper Mohnian Stage		
20901	middle and late Miocene Mohnian Stage		
20902	Oligocene Zemorrian or early Miocene Saucesian Stage		
20903	middle and late Miocene Mohnian Stage		
20904	Oligocene lower Zemorrian Stage		
20905	middle and late Miocene lower Mohnian Stage		
20906	probably Oligocene lower Zemorrian Stage		
20907	Oligocene upper? Zemorrian Stage		
20908	Oligocene upper? Zemorrian Stage		
20909	Oligocene Zemorrian or early Miocene Saucesian Stage		
20910	Oligocene lower Zemorrian Stage		
20911	middle and late Miocene lower Mohnian Stage		
20912	Oligocene Zemorrian Stage		
20913	probably U Mohnian Stage		
20914	Oligocene lower Zemorrian Stage		
20915	middle and late Miocene upper Mohnian Stage		
20916	middle and late Miocene upper Mohnian Stage		
20917	middle and late Miocene upper Mohnian Stage		
20918	middle and late Miocene upper Mohnian Stage		
20919	middle and late Miocene upper Mohnian Stage		
20920	middle and late Miocene upper Mohnian Stage		
20921	middle and late Miocene upper Mohnian Stage		
20922	middle and late Miocene upper Mohnian Stage		
20923	middle and late Miocene upper Mohnian Stage		
20924	middle and late Miocene upper Mohnian Stage		
20925	middle and late Miocene upper Mohnian Stage		
20926	middle and late Miocene Mohnian Stage		
20927	Oligocene Zemorrian or early Miocene Saucesian Stage		
20928	middle and late Miocene Mohnian Stage		
20929	Oligocene Zemorrian or early Miocene Saucesian Stage		
20930	Oligocene Zemorrian or early Miocene Saucesian Stage		
20931	early Miocene		
20932	Oligocene Zemorrian or early Miocene Saucesian Stage		
20933	middle and late Miocene upper Mohnian Stage		
20934	middle and late Miocene upper Mohnian Stage		
20935	Pliocene?		
20936	Pliocene?		
20937	middle and late Miocene Mohnian Stage		
20938	Pliocene?		
20939	middle and late Miocene upper Mohnian Stage		
20940	Pliocene?		
20941	middle and late Miocene lower Mohnian Stage		
20942	middle and late Miocene lower Mohnian Stage		
20943	middle and late Miocene Mohnian or Delmontian Stage		
20944	middle and late Miocene upper Mohnian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
20945	late Miocene		
20946	middle and late Miocene Mohnian Stage		
20947	middle and late Miocene upper Mohnian Stage		
20948	middle and late Miocene upper Mohnian Stage		
20949	early Miocene Relizian Stage		
20950	early Miocene Relizian Stage		
20951	probably middle and late Miocene lower Mohnian Stage		
20952	early Miocene Relizian or middle Miocene Luisian Stage		
20953	early Miocene Relizian Stage		
20954	middle and late Miocene Mohnian Stage		
20955	middle and late Miocene upper Mohnian Stage		
20956	middle and late Miocene upper Mohnian Stage		
20957	middle and late Miocene upper Mohnian Stage		
20958	middle and late Miocene Mohnian Stage		
20959	middle and late Miocene upper Mohnian Stage		
20960	middle and late Miocene Mohnian Stage		
20961	middle and late Miocene upper Mohnian Stage		
20962	middle and late Miocene Mohnian Stage		
20963	early Miocene Relizian Stage		
20964	middle Miocene Luisian Stage		
20965	middle Miocene Luisian Stage		
20966	middle Miocene Luisian Stage		
20967	middle Miocene Luisian Stage		
20968	Pliocene		
20969	middle and late Miocene upper Mohnian Stage		
20970	middle and late Miocene upper Mohnian Stage		
20971	middle and late Miocene upper Mohnian Stage		
20972	middle and late Miocene Mohnian Stage		
20973	middle and late Miocene upper Mohnian Stage		
20974	middle and late Miocene upper Mohnian Stage		
20975	Pliocene		
20976	late Miocene or Pliocene		
20977	Pliocene?		
20978	middle and late Miocene upper Mohnian Stage		
20979	middle and late Miocene Mohnian Stage		
20980	middle and late Miocene Mohnian Stage		
20981	middle and late Miocene Mohnian Stage		
20982	middle and late Miocene Mohnian Stage		
20983	Pliocene		
20984	Pliocene		
20985	Pliocene?		
20986	middle and late Miocene Mohnian Stage		
20987	middle and late Miocene Mohnian Stage		
20988	Miocene		
20989	Miocene		
20990	Miocene		
20991	Pliocene?		
20992	Pliocene?		
20993	middle and late Miocene Mohnian Stage		
20994	Miocene		
20995	middle and late Miocene Mohnian Stage		
20996	middle and late Miocene Mohnian Stage		
20997	middle and late Miocene Mohnian Stage		
20998	middle and late Miocene Mohnian Stage		
20999	middle and late Miocene Mohnian Stage		
21000	middle and late Miocene Mohnian Stage		
21001	middle and late Miocene Mohnian Stage		
21002	middle and late Miocene Mohnian Stage		
21003	middle and late Miocene Mohnian Stage		
21004	early or middle Miocene		
21005	Miocene		
21006	Miocene		
21007	Miocene		
21008	middle or late Miocene		
21009	probably late Miocene or Pliocene		
21010	probably late Miocene or Pliocene		
21011	middle or late Miocene		
21012	probably late Miocene		
21013	probably late Miocene		
21014	probably late Miocene		
21015	middle Miocene Luisian Stage		
21016	probably late Miocene		
21017	middle Miocene Luisian Stage		
21018	middle Miocene Luisian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
21019	probably late Miocene		
21020	probably late Miocene		
21021	probably late Miocene		
21022	late Miocene		
21023	probably Eocene		
21024	Eocene		
21025	late Eocene		
21026	late Eocene		
21027	late Eocene		
21028	Oligocene upper Zemorrian Stage		
21029	probably early Miocene		
21030	probably Eocene		
21031	probably middle Eocene A Zone		
21032	late Eocene		
21033	middle Eocene A-2 Zone		
21034	Oligocene Zemorrian or early Miocene Saucesian Stage		
21035	Oligocene Zemorrian Stage		
21036	Oligocene Zemorrian Stage		
21037	Oligocene upper Zemorrian Stage		
21038	Oligocene Zemorrian or early Miocene Saucesian Stage		
21039	Oligocene Zemorrian or early Miocene Saucesian Stage		
21040	Oligocene Zemorrian or early Miocene Saucesian Stage		
21041	Oligocene Zemorrian or early Miocene Saucesian Stage		
21042	early Miocene Saucesian Stage		
21043	early Miocene Saucesian Stage		
21044	Oligocene Zemorrian or early Miocene Saucesian Stage		
21045	Oligocene Zemorrian or early Miocene Saucesian Stage		
21046	middle and late Miocene Mohnian Stage		
21047	middle and late Miocene Mohnian Stage		
21048	middle and late Miocene Mohnian Stage		
21049	middle and late Miocene Mohnian Stage		
21050	middle and late Miocene Mohnian Stage		
21051	middle and late Miocene Mohnian Stage		
21052	middle and late Miocene Mohnian Stage		
21053	middle and late Miocene Mohnian Stage		
21054	middle and late Miocene upper Mohnian Stage		
21055	middle and late Miocene Mohnian Stage		
21056	middle and late Miocene Mohnian Stage		
21057	middle or late Miocene		
21058	middle Eocene		
21059	Paleocene or Eocene		
21060	late Eocene		
21061	late Eocene		
21062	late Eocene		
21063	middle and late Miocene Mohnian Stage		
21064	middle and late Miocene Mohnian? Stage		
21065	middle and late Miocene Mohnian Stage		
21066	middle and late Miocene Mohnian Stage		
21067	middle and late Miocene Mohnian Stage		
21068	middle and late Miocene Mohnian Stage		
21069	middle Miocene Luisian Stage		
21070	middle and late Miocene Luisian or Mohnian Stage		
21071	middle and late Miocene Luisian or Mohnian Stage		
21072	middle and late Miocene Luisian or Mohnian Stage		
21073	early Miocene Saucesian Stage		
21074	middle and late Miocene upper Mohnian Stage		
21075	middle and late Miocene Luisian or Mohnian Stage		
21076	middle and late Miocene Luisian or Mohnian Stage		
21077	middle and late Miocene Luisian or Mohnian Stage		
21078	middle Miocene		
21079	middle Miocene Luisian Stage		
21080	middle and late Miocene lower Mohnian Stage		
21081	early Eocene		
21082	middle Eocene A-2 Zone		
21083	early Eocene		
21084	middle Eocene A-2 Zone		
21085	early Eocene		
21086	middle Eocene A-2 Zone		
21087	early Eocene		
21088	middle Eocene A-2 Zone		
21089	middle Eocene A-2 Zone		
21090	early Eocene		
21091	middle Miocene Luisian Stage		
21092	early or middle Miocene Relizian or Luisian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
21093	middle Miocene Luisian Stage		
21094	middle Miocene Luisian Stage		
21095	middle Miocene Luisian Stage		
21096	middle Miocene Luisian Stage		
21097	middle Miocene Luisian Stage		
21098	Cretaceous		
21099	middle Miocene Luisian Stage		
21100	middle Miocene Luisian Stage		
21101	middle Miocene Luisian Stage		
21102	Cretaceous		
21103	Late Cretaceous		
21104	middle Miocene Luisian Stage		
21105	middle Miocene Luisian Stage		
21106	middle Miocene Luisian Stage		
21107	middle and late Miocene Luisian or Mohnian Stage		
21108	middle and late Miocene Luisian or Mohnian Stage		
21109	middle and late Miocene Mohnian Stage		
21110	middle and late Miocene lower Mohnian Stage		
21111	early or middle Eocene		
21112	probably Eocene		
21113	early or middle Eocene		
21114	middle Eocene		
21115	middle Eocene		
21116	middle and late Miocene lower Mohnian Stage		
21117	middle Eocene		
21118	middle Miocene Luisian Stage		
21119	middle and late Miocene Luisian or Mohnian Stage		
21120	middle Miocene		
21121	early Miocene Relizian Stage		
21122	early Miocene Saucesian Stage		
21123	middle and late Miocene Mohnian Stage		
21124	middle Miocene Luisian Stage		
21125	early Miocene Saucesian or Relizian Stage		
21126	early Miocene Saucesian or Relizian Stage		
21127	early Miocene Saucesian or Relizian Stage		
21128	early Miocene Saucesian or Relizian Stage		
21129	possibly early Miocene		
21130	middle Eocene A-2 Zone		
21131	early Miocene Saucesian Stage		
21132	middle Eocene A-2 Zone		
21133	early Miocene Saucesian Stage		
21134	late Eocene A-1 Zone		
21135	early Miocene Saucesian Stage		
21136	early Miocene Relizian Stage		
21137	early Miocene Relizian Stage		
21138	early Miocene Relizian Stage		
21139	early Miocene Relizian Stage		
21140	early Miocene Relizian Stage		
21141	early Miocene Relizian Stage		
21142	early Miocene Relizian Stage		
21143	early Miocene Relizian Stage		
21144	early Miocene Relizian Stage		
21145	early Miocene Relizian Stage		
21146	early Miocene Relizian Stage		
21147	early Miocene Relizian Stage		
21148	middle Eocene A-2 Zone		
21149	early Miocene Saucesian Stage		
21150	early Miocene Saucesian Stage		
21151	early Miocene Saucesian Stage		
21152	early Miocene Saucesian Stage		
21153	early Miocene Saucesian Stage		
21154	early Miocene Saucesian Stage		
21155	middle Eocene A-2 Zone		
21156	middle or late Miocene		
21157	middle or late Miocene		
21158	middle or late Miocene		
21159	middle or late Miocene		
21160	middle Miocene Luisian? Stage		
21161	middle or late Miocene		
21162	middle or late Miocene		
21163	middle or late Miocene		
21164	middle Miocene Luisian Stage		
21165	middle or late Miocene		
21166	Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
21167	Eocene		
21168	Eocene?		
21169	Eocene?		
21170	middle or late Miocene		
21171	Pliocene		
21172	Pliocene		
21173	Pliocene		
21174	Pliocene		
21175	Pliocene		
21176	middle Miocene Luisian Stage		
21177	Eocene		
21178	Eocene		
21179	Eocene		
21180	Eocene		
21181	Eocene		
21182	Eocene		
21183	Eocene		
21184	Eocene		
21185	Eocene		
21186	Eocene		
21187	Eocene		
21188	Eocene		
21189	middle Eocene		
21190	Eocene		
21191	Eocene		
21192	Eocene		
21193	Eocene		
21194	Oligocene Zemorrian or early Miocene Saucesian Stage		
21195	Oligocene Zemorrian or early Miocene Saucesian Stage		
21196	probably Oligocene Zemorrian Stage		
21197	possibly middle Miocene Luisian Stage		
21198	Eocene		
21199	possibly Eocene		
21200	Miocene		
21201	Oligocene Zemorrian or early Miocene Saucesian Stage		
21202	middle and late Miocene Mohnian Stage		
21203	late Miocene ?		
21204	late? Miocene		
21205	late? Miocene		
21206	late? Miocene		
21207	Oligocene Zemorrian or early Miocene Saucesian Stage		
21208	Oligocene Zemorrian or early Miocene Saucesian Stage		
21209	Eocene		
21210	middle Miocene Luisian Stage		
21211	middle Miocene Luisian Stage		
21212	early Miocene Saucesian Stage		
21213	middle and late Miocene Mohnian Stage		
21214	middle and late Miocene Mohnian Stage		
21215	middle and late Miocene Mohnian Stage		
21216	middle and late Miocene Mohnian Stage		
21217	middle and late Miocene Mohnian Stage		
21218	middle and late Miocene Mohnian Stage		
21219	middle and late Miocene Mohnian Stage		
21220	middle and late Miocene Mohnian Stage		
21221	middle and late Miocene Mohnian Stage		
21222	late Miocene		
21223	late Miocene		
21224	middle and late Miocene Mohnian Stage		
21225	middle and late Miocene Mohnian Stage		
21226	middle and late Miocene Mohnian Stage		
21227	middle and late Miocene Mohnian Stage		
21228	middle and late Miocene Mohnian Stage		
21229	middle and late Miocene Mohnian Stage		
21230	middle and late Miocene Mohnian Stage		
21231	middle and late Miocene lower Mohnian Stage		
21232	early Miocene Relizian Stage		
21233	early Miocene Relizian Stage		
21234	early Miocene Relizian Stage		
21235	middle and late Miocene Mohnian Stage		
21236	middle and late Miocene Mohnian Stage		
21237	middle and late Miocene Mohnian Stage		
21238	middle and late Miocene Mohnian Stage		
21239	middle and late Miocene Mohnian Stage		
21240	middle and late Miocene Mohnian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
21241	middle Miocene Luisian Stage		
21242	middle Miocene Luisian Stage		
21243	Late Cretaceous arenaceous foraminifers		
21244	Late Cretaceous arenaceous foraminifers		
21245	Late Cretaceous arenaceous foraminifers		
21246	Late Cretaceous arenaceous foraminifers		
21247	Late Cretaceous arenaceous foraminifers		
21248	Late Cretaceous arenaceous foraminifers		
21249	Late Cretaceous arenaceous foraminifers		
21250	Late Cretaceous arenaceous foraminifers		
21251	Late Cretaceous arenaceous foraminifers		
21252	Late Cretaceous arenaceous foraminifers		
21253	Late Cretaceous arenaceous foraminifers		
21254	Late Cretaceous arenaceous foraminifers		
21255	Late Cretaceous arenaceous foraminifers		
21256	Late Cretaceous arenaceous foraminifers		
21257	Late Cretaceous arenaceous foraminifers		
21258	Late Cretaceous arenaceous foraminifers		
21259	Late Cretaceous arenaceous foraminifers		
21260	Late Cretaceous arenaceous foraminifers		
21261	Late Cretaceous arenaceous foraminifers		
21262	Late Cretaceous arenaceous foraminifers		
21263	Late Cretaceous arenaceous foraminifers		
21264	Late Cretaceous arenaceous foraminifers		
21265	Late Cretaceous arenaceous foraminifers		
21266	Late Cretaceous arenaceous foraminifers		
21267	Eocene		
21268	Miocene?		
21269	Miocene		
21270	Miocene		
21271	Miocene		
21272	Miocene		
21273	Miocene		
21274	Miocene		
21275	Miocene		
21276	Miocene		
21277	Miocene		
21278	Miocene		
21279	Miocene		
21280	Miocene		
21281	Eocene or Miocene		
21282	Eocene or Miocene		
21283	Miocene		
21284	Miocene		
21285	Miocene		
21286	Eocene or Miocene		
21287	Eocene or Miocene		
21288	Eocene or Miocene		
21289	Miocene		
21290	Paleocene		
21291	Paleocene		
21292	early Eocene		
21293	early Eocene		
21294	early Eocene		
21295	early Eocene		
21296	early Eocene		
21297	early Eocene		
21298	early Eocene		
21299	early Eocene		
21300	early Eocene		
21301	early Eocene		
21302	early Eocene		
21303	early Eocene		
21304	early Eocene		
21305	Late Cretaceous or Paleocene		
21306	Late Cretaceous or Paleocene		
21307	Late Cretaceous or Paleocene		
21308	Late Cretaceous arenaceous foraminifers		
21309	Late Cretaceous arenaceous foraminifers		
21310	Late Cretaceous arenaceous foraminifers		
21311	Late Cretaceous arenaceous foraminifers		
21312	Hard to follow numbers on strat column.		
21313	Hard to follow numbers on strat column.		
21314	Hard to follow numbers on strat column.		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
21315	Hard to follow numbers on strat column.		
21316	early Eocene		
21317	early Eocene		
21318	early Eocene		
21319	early Eocene		
21320	early Eocene		
21321	early Eocene		
21322	early Eocene		
21323	middle Eocene		
21324	middle Eocene		
21325	Cretaceous arenaceous foraminifers?		
21326	Eocene or Cretaceous		
21327	Eocene?		
21328	Eocene?		
21329	Eocene or Cretaceous		
21330	Cretaceous arenaceous foraminifers?		
21331	Cretaceous arenaceous foraminifers?		
21332	middle Eocene		
21333	middle Eocene		
21334	middle Eocene		
21335	middle Miocene Luisian Stage		
21336	middle Miocene Luisian Stage		
21337	middle Miocene Luisian Stage		
21338	middle Miocene Luisian Stage		
21339	middle Miocene Luisian Stage		
21340	middle Miocene Luisian Stage		
21341	middle Miocene Luisian Stage		
21342	middle Miocene Luisian Stage		
21343	middle Miocene Luisian Stage		
21344	middle Miocene Luisian Stage		
21345	middle Miocene Luisian Stage		
21346	middle and late Miocene Lower Mohnian Stage		
21347	middle and late Miocene Lower Mohnian Stage		
21348	middle and late Miocene Lower Mohnian Stage		
21349	middle and late Miocene Lower Mohnian Stage		
21350	middle and late Miocene Lower Mohnian Stage		
21351	middle and late Miocene Lower Mohnian Stage		
21352	middle and late Miocene Lower Mohnian Stage		
21353	middle and late Miocene Lower Mohnian Stage		
21354	middle and late Miocene Lower Mohnian Stage		
21355	middle and late Miocene Lower Mohnian Stage		
21356	middle and late Miocene Lower Mohnian Stage		
21357	middle and late Miocene Lower Mohnian Stage		
21358	middle and late Miocene Lower Mohnian Stage		
21359	middle and late Miocene Lower Mohnian Stage		
21360	middle and late Miocene Lower Mohnian Stage		
21361	middle and late Miocene Lower Mohnian Stage		
21362	middle and late Miocene Lower Mohnian Stage		
21363	middle and late Miocene Lower Mohnian Stage		
21364	middle and late Miocene Lower Mohnian Stage		
21365	middle and late Miocene Lower Mohnian Stage		
21366	middle and late Miocene Lower Mohnian Stage		
21367	middle and late Miocene Lower Mohnian Stage		
21368	middle and late Miocene Mohnian Stage		
21369	middle and late Miocene Mohnian Stage		
21370	middle and late Miocene Mohnian Stage		
21371	middle and late Miocene Mohnian Stage		
21372	middle and late Miocene Mohnian Stage		
21373	middle and late Miocene Mohnian Stage		
21374	middle and late Miocene Mohnian Stage		
21375	middle and late Miocene Mohnian Stage		
21376	middle and late Miocene Mohnian Stage		
21377	middle and late Miocene Mohnian Stage		
21378	middle and late Miocene Upper Mohnian Stage		
21379	middle and late Miocene Upper Mohnian Stage		
21380	middle and late Miocene Upper Mohnian Stage		
21381	middle and late Miocene Upper Mohnian Stage		
21382	middle and late Miocene lower Mohnian Stage		
21383	early Miocene Relizian or middle Miocene Luisian Stage		
21384	Cretaceous? arenaceous foraminifers		
21385	Late Cretaceous or Paleocene?		
21386	Late Cretaceous or Paleocene?		
21387	Late Cretaceous or Paleocene?		
21388	Late Cretaceous or Paleocene?		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
21389	middle and late Miocene Mohnian Stage		
21390	late Miocene Delmontian Stage		
21391	late Miocene Delmontian Stage		
21392	late Miocene		
21393	late Miocene		
21394	Eocene		
21395	Eocene		
21396	middle Miocene Luisian Stage		
21397	early Miocene Saucesian or Relizian Stage		
21398	middle and late Miocene lower? Mohnian Stage		
21399	middle and late Miocene lower? Mohnian Stage		
21400	Late Cretaceous arenaceous foraminifers and NP		
21401	Paleocene		
21402	Paleocene		
21403	Paleocene		
21404	Paleocene		
21405	Paleocene		
21406	Paleocene		
21407	Paleocene		
21408	Paleocene		
21409	Paleocene		
21410	Paleocene		
21411	late Paleocene		
21412	Paleocene		
21413	possibly late Paleocene E Zone		
21414	Paleocene		
21415	Paleocene		
21416	Paleocene		
21417	no paleo information		
21418	Pliocene?		
21419	Pliocene?		
21420	Eocene		
21421	Eocene		
21422	Eocene?		
21423	early Eocene?		
21424	middle and late Miocene Mohnian Stage		
21425	middle and late Miocene Mohnian Stage		
21426	Oligocene Zemorrian Stage		
21427	middle and late Miocene Mohnian Stage		
21428	middle and late Miocene Mohnian Stage		
21429	middle and late Miocene Mohnian Stage		
21430	middle and late Miocene Mohnian Stage		
21431	Eocene?		
21432	Eocene?		
21433	middle and late Miocene Mohnian Stage		
21434	middle Miocene Luisian Stage		
21435	early Miocene lower Saucesian Stage		
21436	middle Miocene Luisian Stage		
21437	middle Miocene Luisian Stage		
21438	middle Miocene Luisian Stage		
21439	middle Miocene Luisian Stage		
21440	Late Cretaceous E Zone		
21441	Oligocene lower Zemorrian Stage		
21442	Pliocene		
21443	Pliocene		
21444	Pliocene		
21445	Pliocene or Pleistocene		
21446	rare reworked Late Cretaceous NP		
21447	rare reworked Late Cretaceous NP		
21448	rare reworked Late Cretaceous NP		
21449	rare reworked Late Cretaceous NP		
21450	Miocene		
21451	Miocene		
21452	Miocene		
21453	Miocene		
21454	late Miocene or Pliocene (NP age)		
21455	late Miocene or Pliocene (NP age)		
21456	late Miocene or Pliocene (NP age)		
21457	late Miocene or Pliocene (NP age)		
21458	late Miocene or Pliocene (NP age)		
21459	Eocene		
21460	middle and late Miocene upper Mohnian Stage		
21461	middle and late Miocene upper Mohnian Stage		
21462	middle and late Miocene upper Mohnian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
21463	middle and late Miocene Mohnian Stage		
21464	middle and late Miocene Mohnian Stage		
21465	middle and late Miocene Mohnian Stage		
21466	middle and late Miocene Mohnian Stage		
21467	middle and late Miocene Mohnian Stage		
21468	middle and late Miocene Mohnian Stage		
21469	middle and late Miocene Mohnian Stage		
21470	middle and late Miocene Mohnian Stage		
21471	middle and late Miocene Mohnian Stage		
21472	middle and late Miocene Mohnian Stage		
21473	middle and late Miocene Mohnian Stage		
21474	middle and late Miocene Mohnian Stage		
21475	middle and late Miocene Mohnian Stage		
21476	middle and late Miocene lower Mohnian Stage		
21477	late Miocene or Pliocene (NP age)		
21478	middle and late Miocene upper Mohnian Stage		
21479	middle and late Miocene upper Mohnian Stage		
21480	middle and late Miocene upper Mohnian Stage		
21481	middle and late Miocene upper Mohnian Stage		
21482	middle and late Miocene upper Mohnian Stage		
21483	middle and late Miocene upper Mohnian Stage		
21484	middle and late Miocene upper Mohnian Stage		
21485	middle and late Miocene upper Mohnian Stage		
21486	middle and late Miocene upper Mohnian Stage		
21487	middle and late Miocene upper Mohnian Stage		
21488	middle and late Miocene upper Mohnian Stage		
21489	middle and late Miocene upper Mohnian Stage		
21490	middle and late Miocene upper Mohnian Stage		
21491	middle and late Miocene upper Mohnian Stage		
21492	late Miocene Delmontian Stage		
21493	middle Miocene Luisian Stage		
21494	Oligocene Zemorrian Stage		
21495	Oligocene Zemorrian Stage		
21496	Oligocene Zemorrian Stage		
21497	Oligocene Zemorrian Stage		
21498	Oligocene Zemorrian Stage		
21499	Oligocene Zemorrian Stage		
21500	Oligocene Zemorrian Stage		
21501	middle Miocene		
21502	early Miocene lower Saucesian Stage		
21503	middle Miocene		
21504	early Miocene Relizian or Saucesian Stage		
21505	early Miocene upper Saucesian Stage		
21506	early Miocene upper Saucesian Stage		
21507	early Miocene upper Saucesian Stage		
21508	early Miocene upper Saucesian Stage		
21509	early Miocene upper Saucesian Stage		
21510	early Miocene upper Saucesian Stage		
21511	early Miocene upper Saucesian Stage		
21512	early Miocene upper Saucesian Stage		
21513	early Miocene upper Saucesian Stage		
21514	early Miocene upper Saucesian Stage		
21515	early Miocene upper Saucesian Stage		
21516	early Miocene lower Relizian Stage		
21517	early Miocene lower Relizian Stage		
21518	early Miocene lower Relizian Stage		
21519	early Miocene lower Relizian Stage		
21520	early Miocene upper Relizian Stage		
21521	middle Miocene Luisian Stage		
21522	middle Miocene Luisian Stage		
21523	middle Miocene Luisian Stage		
21524	middle Miocene Luisian Stage		
21525	Pliocene		
21526	Pliocene		
21527	Pliocene		
21528	Pliocene		
21529	Pliocene		
21530	Pliocene		
21531	Pliocene		
21532	Pliocene		
21533	Pliocene		
21534	Pliocene		
21535	Pliocene		
21536	Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
21537	Pliocene		
21538	Pliocene		
21539	Pliocene		
21540	Pliocene		
21541	Pliocene		
21542	Miocene		
21543	Miocene		
21544	Miocene		
21545	Pliocene		
21546	Pliocene		
21547	Pliocene		
21548	Pliocene		
21549	Pliocene		
21550	Late Cretaceous F-1 Zone		
21551	middle and late Miocene Mohnian? Stage		
21552	Miocene		
21553	Miocene		
21554	Miocene		
21555	Miocene		
21556	Miocene		
21557	Miocene		
21558	Pliocene		
21559	Pliocene		
21560	Pliocene		
21561	Early Cretaceous J Zone		
21562	Early Cretaceous J Zone		
21563	Early Cretaceous J Zone		
21564	Early Cretaceous J Zone		
21565	Early Cretaceous J Zone		
21566	Late Cretaceous F or G Zone		
21567	Late Cretaceous F or G Zone		
21568	Late Cretaceous F-1 or G-1 Zone		
21569	Late Cretaceous F-1 or G-1 Zone		
21570	Late Cretaceous arenaceous foraminifers		
21571	early Eocene C Zone		
21572	Late Cretaceous G-1 Zone		
21573	Late Cretaceous G-1 or G-2 Zone		
21574	Late Cretaceous F to H Zone		
21575	middle Eocene A-2 Zone		
21576	Late Cretaceous E Zone		
21577	early or middle Eocene		
21578	early or middle Eocene		
21579	early or middle Eocene		
21580	Late Cretaceous G-1 Zone		
21581	Late Cretaceous C Zone		
21582	middle or late Eocene A Zone		
21583	Late Cretaceous C Zone		
21584	middle Miocene Luisian Stage		
21585	late Miocene		
21586	Late Cretaceous G-1 Zone		
21587	middle and late Miocene upper Mohnian Stage		
21588	Late Cretaceous G-2 Zone		
21589	early Miocene Relizian Stage		
21590	middle Miocene Luisian Stage		
21591	Oligocene Zemorrian or early Miocene Saucesian Stage		
21592	early or middle Miocene Relizian or Luisian Stage		
21593	probably early Miocene Relizian Stage		
21594	Oligocene Zemorrian or early Miocene Saucesian Stage		
21595	Oligocene Zemorrian or early Miocene Saucesian Stage		
21596	early Miocene Relizian Stage		
21597	possibly early Miocene		
21598	early Miocene Relizian Stage		
21599	middle Miocene Luisian Stage		
21600	middle Miocene Luisian Stage		
21601	early Miocene Relizian Stage		
21602	early Miocene Relizian Stage		
21603	middle Miocene probably Luisian Stage		
21604	early Miocene Saucesian or Relizian Stage		
21605	early Miocene Saucesian or Relizian Stage		
21606	early Miocene Relizian Stage		
21607	early Miocene Saucesian? Stage		
21608	early Miocene Saucesian? Stage		
21609	early Miocene Saucesian Stage		
21610	early Miocene Relizian Stage		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
21611	probably middle Miocene Luisian Stage		
21612	probably early Miocene Saucesian Stage		
21613	early Miocene Saucesian Stage		
21614	Miocene		
21615	Oligocene Zemorrian or early Miocene Saucesian Stage		
21616	middle Miocene		
21617	middle Eocene A-2 Zone		
21618	middle Eocene A-2 Zone		
21619	Oligocene lower Zemorrian Stage		
21620	Oligocene lower Zemorrian Stage		
21621	middle and late Miocene Mohnian or Delmontian Stage		
21622	middle and late Miocene Mohnian or Delmontian Stage		
21623	Paleocene		
21624	Paleocene		
21625	early Eocene D Zone or late Paleocene E Zone		
21626	early Eocene D Zone or late Paleocene E Zone		
21627	early Eocene D Zone or late Paleocene E Zone		
21628	early or middle Eocene		
21629	late Eocene A-1 Zone		
21630	Late Cretaceous F-1 Zone		
21631	middle or late Eocene A Zone		
21632	middle or late Eocene A Zone		
21633	probably early Miocene Relizian Stage		
21634	early Miocene Relizian Stage		
21635	middle or late Eocene A Zone		
21636	middle or late Eocene A Zone		
21637	late Eocene A-1 Zone		
21638	early Miocene Relizian Stage		
21639	early Miocene Relizian Stage		
21640	late Paleocene E Zone		
21641	late Paleocene E Zone		
21642	? Paleocene		
21643	Late Cretaceous ?		
21644	late Paleocene E Zone		
21645	late Paleocene E? Zone		
21646	early Eocene D Zone		
21647	Eocene B Zone		
21648	Early Cretaceous J-2 Zone		
21649	Early Cretaceous J-2 Zone		
21650	Early Cretaceous J-2 Zone		
21651	Early Cretaceous J-2 Zone		
21652	Early Cretaceous J-2 Zone		
21653	Early Cretaceous J-2 Zone		
21654	Early Cretaceous J-2 Zone		
21655	Early Cretaceous J-2 Zone		
21656	Early Cretaceous J-2 Zone		
21657	Early Cretaceous J-2 Zone		
21658	Early Cretaceous J-2 Zone		
21659	Early Cretaceous J-2 Zone		
21660	Early Cretaceous J-2 Zone		
21661	Early Cretaceous J-2 Zone		
21662	Early Cretaceous J-2 Zone		
21663	Early Cretaceous J-2 Zone		
21664	Early Cretaceous J-2 Zone		
21665	Early Cretaceous J-2 Zone		
21666	Early Cretaceous J-2 Zone		
21667	Early Cretaceous J-2 Zone		
21668	Early Cretaceous J-2 Zone		
21669	Late Cretaceous H Zone		
21670	Late Cretaceous H Zone		
21671	Late Cretaceous H Zone		
21672	Late Cretaceous H Zone		
21673	Late Cretaceous H Zone		
21674	Late Cretaceous H Zone		
21675	Late Cretaceous H Zone		
21676	Late Cretaceous H Zone		
21677	Late Cretaceous H Zone		
21678	Late Cretaceous H Zone		
21679	Late Cretaceous H Zone		
21680	Late Cretaceous H Zone		
21681	Late Cretaceous H Zone		
21682	Late Cretaceous H Zone		
21683	Late Cretaceous H Zone		
21684	Late Cretaceous H Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
21685	Late Cretaceous H Zone		
21686	Late Cretaceous H Zone		
21687	Late Cretaceous H Zone		
21688	Late Cretaceous H Zone		
21689	Late Cretaceous H Zone		
21690	Late Cretaceous H Zone		
21691	Late Cretaceous H Zone		
21692	Late Cretaceous G-1 Zone		
21693	Late Cretaceous G-1 Zone		
21694	Late Cretaceous G-1 Zone		
21695	Late Cretaceous G-1 Zone		
21696	Late Cretaceous G-1 Zone		
21697	Late Cretaceous arenaceous foraminifers		
21698	Late Cretaceous G-1 Zone		
21699	Late Cretaceous G-1 Zone		
21700	Late Cretaceous G-1 Zone		
21701	Late Cretaceous arenaceous foraminifers		
21702	Late Cretaceous arenaceous foraminifers		
21703	Late Cretaceous G-1 Zone		
21704	Late Cretaceous arenaceous foraminifers		
21705	Late Cretaceous G-1 Zone		
21706	Late Cretaceous G-1 Zone		
21707	Late Cretaceous G-1 Zone		
21708	Late Cretaceous G-1 Zone		
21709	Late Cretaceous G-1 Zone		
21710	Late Cretaceous G-1 Zone		
21711	Late Cretaceous G-1 Zone		
21712	Late Cretaceous G-1 Zone		
21713	Late Cretaceous G-1 Zone		
21714	Late Cretaceous G-1 Zone		
21715	Late Cretaceous G-1 Zone		
21716	Early Cretaceous K Zone		
21717	Early Cretaceous arenaceous foraminifers		
21718	Late Cretaceous H Zone		
21719	Early Cretaceous K or L Zone		
21720	Early Cretaceous K or L Zone		
21721	Early Cretaceous K or L Zone		
21722	Late Cretaceous arenaceous foraminifers		
21723	Late Cretaceous arenaceous foraminifers		
21724	Late Cretaceous arenaceous foraminifers		
21725	Late Cretaceous F-1 Zone		
21726	Late Cretaceous G-2 Zone		
21727	probably Late Cretaceous F-1 Zone		
21728	Late Cretaceous G-1 Zone		
21729	Late Cretaceous F-1 Zone		
21730	Late Cretaceous F-1 Zone		
21731	Late Cretaceous F-1 Zone		
21732	Late Cretaceous F-1 Zone		
21733	Late Cretaceous F-1 Zone		
21734	Late Cretaceous F-1 Zone		
21735	Late Cretaceous F-2 Zone		
21736	Late Cretaceous F-2 Zone		
21737	Late Cretaceous F-2 Zone		
21738	Late Cretaceous F-2 Zone		
21739	Late Cretaceous F-2 Zone		
21740	Late Cretaceous F-1 Zone		
21741	Late Cretaceous F-1 Zone		
21742	Late Cretaceous F-1 Zone		
21743	Late Cretaceous J-1 Zone		
21744	Late Cretaceous H Zone (Turonian)		
21745	Late Cretaceous F-1 Zone		
21746	Late Cretaceous F-1 Zone		
21747	Late Cretaceous F-1 Zone		
21748	Late Cretaceous F-1 Zone		
21749	Late Cretaceous F-1 Zone		
21750	Late Cretaceous F-1 Zone		
21751	Late Cretaceous F-1 Zone		
21752	Late Cretaceous F-1 Zone		
21753	Late Cretaceous F-1 Zone		
21754	Late Cretaceous F-1 Zone		
21755	Late Cretaceous F-1 Zone		
21756	Late Cretaceous F-1 Zone		
21757	Late Cretaceous F-1 Zone		
21758	Late Cretaceous F-1 Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
21759	Late Cretaceous F-1 Zone		
21760	Late Cretaceous F-1 Zone		
21761	Late Cretaceous F-1 Zone		
21762	Late Cretaceous F-1 Zone		
21763	Late Cretaceous F-1 Zone		
21764	Late Cretaceous F-1 Zone		
21765	Late Cretaceous F-1 Zone		
21766	Late Cretaceous F-1 Zone		
21767	Late Cretaceous F-1 Zone		
21768	Late Cretaceous F-2 Zone		
21769	Late Cretaceous G-1 Zone		
21770	Late Cretaceous F-1 Zone		
21771	Late Cretaceous F-1 Zone		
21772	Late Cretaceous F-1 Zone		
21773	Late Cretaceous F-1 Zone		
21774	Late Cretaceous F-1 Zone		
21775	Late Cretaceous F-1 Zone		
21776	Late Cretaceous F-1 Zone		
21777	Late Cretaceous F-1 Zone		
21778	Late Cretaceous F-1 Zone		
21779	Late Cretaceous F-1 Zone		
21780	Late Cretaceous F-1 Zone		
21781	Late Cretaceous F-1 Zone		
21782	Late Cretaceous F-1 Zone		
21783	Late Cretaceous F-1 Zone		
21784	Late Cretaceous F-1 Zone		
21785	Late Cretaceous F-1 Zone		
21786	Late Cretaceous F-1 Zone		
21787	Late Cretaceous F-1 Zone		
21788	Late Cretaceous F-2 Zone		
21789	Late Cretaceous F-2 Zone		
21790	Late Cretaceous F-2 Zone		
21791	Late Cretaceous F-2 Zone		
21792	Late Cretaceous F-2 Zone		
21793	Late Cretaceous F-2 Zone		
21794	Late Cretaceous F-2 Zone		
21795	Late Cretaceous F-2 Zone		
21796	Late Cretaceous F-2 Zone		
21797	Late Cretaceous F-2 Zone		
21798	Late Cretaceous F-2 Zone		
21799	Late Cretaceous F-2 Zone		
21800	Late Cretaceous F-2 or G-1 Zone		
21801	Late Cretaceous F-2 or G-1 Zone		
21802	Late Cretaceous F-2 or G-1 Zone		
21803	Late Cretaceous G-1 Zone		
21804	Late Cretaceous G-1 Zone		
21805	Late Cretaceous G-1 Zone		
21806	Late Cretaceous G-1 Zone		
21807	Late Cretaceous G-1 Zone		
21808	Late Cretaceous G-1 Zone		
21809	Late Cretaceous G-1 Zone		
21810	Late Cretaceous G-1 Zone		
21811	Late Cretaceous G-1 Zone		
21812	Late Cretaceous G-1 Zone		
21813	see Rumsey Quad		
21814	Late Cretaceous F Zone		
21815	Late Cretaceous F Zone		
21816	Late Cretaceous F Zone		
21817	Late Cretaceous F Zone		
21818	Late Cretaceous F Zone		
21819	Late Cretaceous F Zone		
21820	Late Cretaceous F Zone		
21821	Late Cretaceous F Zone		
21822	Late Cretaceous F Zone		
21823	Late Cretaceous F Zone		
21824	Late Cretaceous F Zone		
21825	Late Cretaceous F Zone		
21826	Late Cretaceous F Zone		
21827	Late Cretaceous F Zone		
21828	Late Cretaceous F Zone		
21829	Late Cretaceous F Zone		
21830	Late Cretaceous F Zone		
21831	Late Cretaceous F Zone		
21832	Late Cretaceous F Zone		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
21833	Late Cretaceous F-1 Zone		
21834	Late Cretaceous F-1 Zone		
21835	Late Cretaceous F-1 Zone		
21836	Late Cretaceous F-1 Zone		
21837	Late Cretaceous F-1 Zone		
21838	Late Cretaceous F-1 Zone		
21839	Late Cretaceous F-2 Zone		
21840	Late Cretaceous F-2 Zone		
21841	Late Cretaceous F-2 Zone		
21842	Late Cretaceous F-2 Zone		
21843	Late Cretaceous G-1 Zone		
21844	Late Cretaceous G-1 Zone		
21845	Late Cretaceous G-1 Zone		
21846	Late Cretaceous G-1 Zone		
21847	Late Cretaceous G-1 Zone		
21848	Late Cretaceous G-1 Zone		
21849	Late Cretaceous G-1 Zone		
21850	Late Cretaceous G-1 Zone		
21851	Late Cretaceous arenaceous foraminifers		
21852	Late Cretaceous arenaceous foraminifers		
21853	Late Cretaceous arenaceous foraminifers		
21854	Late Cretaceous arenaceous foraminifers		
21855	Late Cretaceous arenaceous foraminifers		
21856	Late Cretaceous arenaceous foraminifers		
21857	Late Cretaceous arenaceous foraminifers		
21858	Late Cretaceous arenaceous foraminifers		
21859	Late Cretaceous arenaceous foraminifers		
21860	Late Cretaceous arenaceous foraminifers		
21861	Late Cretaceous arenaceous foraminifers		
21862	Late Cretaceous arenaceous foraminifers		
21863	Late Cretaceous arenaceous foraminifers		
21864	Late Cretaceous arenaceous foraminifers		
21865	Late Cretaceous arenaceous foraminifers		
21866	Late Cretaceous arenaceous foraminifers		
21867	Late Cretaceous arenaceous foraminifers		
21868	Late Cretaceous arenaceous foraminifers		
21869	Late Cretaceous arenaceous foraminifers		
21870	Late Cretaceous arenaceous foraminifers		
21871	Late Cretaceous arenaceous foraminifers		
21872	Late Cretaceous G-1 Zone		
21873	Late Cretaceous G-1 Zone		
21874	Late Cretaceous G-1 Zone		
21875	Late Cretaceous G-1 Zone		
21876	Late Cretaceous G-1 Zone		
21877	Late Cretaceous G-1 Zone		
21878	Late Cretaceous G-1 Zone		
21879	Late Cretaceous G-1 Zone		
21880	Late Cretaceous G-1 Zone		
21881	Late Cretaceous G-1 Zone		
21882	Late Cretaceous G-1 Zone		
21883	Late Cretaceous G-1 Zone		
21884	Late Cretaceous arenaceous foraminifers		
21885	Late Cretaceous arenaceous foraminifers		
21886	Late Cretaceous H Zone		
21887	Late Cretaceous H Zone		
21888	Late Cretaceous H Zone		
21889	Late Cretaceous H Zone		
21890	Late Cretaceous H Zone		
21891	Late Cretaceous H Zone		
21892	Late Cretaceous H Zone		
21893	Late Cretaceous H Zone		
21894	Late Cretaceous H Zone		
21895	Late Cretaceous H Zone		
21896	Late Cretaceous H Zone (Turonian)		
21897	middle Miocene Luisian Stage		
21898	Early Cretaceous J-2 Zone		
21899	Early Cretaceous J-2 Zone		
21900	Early Cretaceous J-2 Zone		
21901	Early Cretaceous J-2 Zone		
21902	Late Cretaceoous G-1 or H Zone		
21903	Jurassic		
21904	Late Cretaceous F-1 Zone		
21905	Late Cretaceous G-1 Zone		
21906	Late Cretaceous G-1 Zone		

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1	ZONE/STAGE/SERIES/AGE		
21907	Late Cretaceous F-1 Zone		
21908	Late Cretaceous F-1 Zone		
21909	Late Cretaceous F-1 Zone		
21910	Late Cretaceous arenaceous foraminifers		
21911	mixed Cretaceous and Eocene foraminifers		
21912	Late Cretaceous F or G Zone		
21913	Late Cretaceous F or G Zone		
21914	Late Cretaceous F or G Zone		
21915	Late Cretaceous F or G Zone		
21916	Late Cretaceous F or G Zone		
21917	Late Cretaceous F or G Zone		
21918	Late Cretaceous F or G Zone		
21919	Late Cretaceous F or G Zone		
21920	Late Cretaceous G-1 Zone		
21921	Late Cretaceous G-1 Zone		
21922	Late Cretaceous G-1 Zone		
21923	Late Cretaceous G-1 Zone		
21924	Late Cretaceous G-1 Zone		
21925	Late Cretaceous G-1 Zone		
21926	Late Cretaceous G-1 Zone		
21927	Oligocene Zemorrian Stage		
21928	Oligocene Zemorrian Stage		
21929	Oligocene Zemorrian Stage		
21930	Oligocene Zemorrian Stage		
21931	Oligocene Zemorrian Stage		
21932	Oligocene Zemorrian Stage		
21933	Oligocene Zemorrian Stage		
21934	Oligocene Zemorrian Stage		
21935	Oligocene Zemorrian Stage		
21936	Oligocene Zemorrian Stage		
21937	Oligocene Zemorrian Stage		
21938	Oligocene Zemorrian Stage		
21939	Oligocene Zemorrian Stage		
21940	Oligocene Zemorrian Stage		
21941	Oligocene Zemorrian Stage		
21942	Oligocene Zemorrian Stage		
21943	Oligocene lower Zemorrian Stage		
21944	Oligocene Zemorrian Stage		
21945	early or middle Eocene		
21946	early or middle Miocene Relizian or Luisian Stage		
21947	Late Cretaceous or Paleocene		
21948	probably Late Cretaceous arenaceous foraminifers		
21949	Late Cretaceous or Paleocene		
21950	Oligocene Zemorrian Stage		
21951	early Miocene lower Relizian Stage		
21952	probably early Eocene		
21953	Oligocene lower Zemorrian Stage		
21954	early or middle Miocene		
21955	early or middle Eocene		
21956	Late Cretaceous or Paleocene		
21957	middle Miocene Luisian Stage		
21958	early Tertiary		
21959	early or middle Miocene Relizian or Luisian Stage		
21960	late Eocene or Oligocene		
21961	late Eocene or Oligocene		
21962	late Eocene or Oligocene		
21963	probably middle Miocene Luisian Stage		
21964	Late Cretaceous or Paleocene		
21965	middle Miocene Luisian Stage		
21966	late Eocene or Oligocene		
21967	Late Cretaceous or Paleocene		
21968	middle Miocene Luisian Stage		
21969	Late Cretaceous or Paleocene arenaceous forminifers		
21970	Late Cretaceous or Paleocene		
21971	early Eocene C or D Zone		
21972	early Eocene C or D Zone		
21973	Late Cretaceous or Paleocene		
21974	Late Cretaceous or Paleocene		
21975	Late Cretaceous or Paleocene		
21976	middle Miocene Luisian Stage		
21977	late Eocene or Oligocene		
21978	early Eocene D Zone		
21979	early Eocene C or D Zone		
21980	early Eocene Bulitian Stage		

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1	**ZONE/STAGE/SERIES/AGE**		
21981	probably middle Miocene Luisian Stage		
21982	early Miocene Relizian Stage		
21983	middle Miocene Luisian Stage		
21984	early Miocene Saucesian Stage		
21985	Oligocene Zemorrian or early Miocene Saucesian Stage		
21986	Oligocene Zemorrian or early Miocene Saucesian Stage		
21987	middle Miocene Luisian Stage		
21988	middle Miocene Luisian Stage		
21989	early or middle Miocene Relizian or Luisian Stage		
21990	Oligocene Zemorrian Stage		
21991	probably middle Miocene Luisian Stage		
21992	Oligocene Zemorrian Stage		
21993	early Miocene Saucesian Stage		
21994	early Miocene Saucesian or Relizian Stage		
21995	early Miocene Saucesian or Relizian Stage		
21996	middle Miocene Luisian Stage		
21997	early Miocene Relizian Stage		
21998	early Miocene lower Relizian Stage		
21999	early Miocene Relizian Stage		
22000	early Miocene Relizian Stage		
22001	middle Miocene Luisian Stage		
22002	middle or late Eocene Narizian or Refugian Stage		
22003	middle Eocene A-2 Zone		
22004	middle Eocene A-2 Zone		
22005	middle Eocene A-2 Zone		
22006	middle Eocene A-2 Zone		
22007	early or middle Eocene		
22008	late Miocene		
22009	late Paleocene		
22010	early Eocene C Zone		
22011	middle or late Miocene Luisian or Mohnian Stage		
22012	Eocene		
22013	middle Eocene A-2 Zone		
22014	middle Eocene A Zone		
22015	Late Cretaceous E or F Zone		
22016	middle Eocene A-1 Zone		
22017	late Eocene Refugian Stage		
22018	Paleocene E Zone or early Eocene D Zone		
22019	middle Eocene A-2 Zone and middle Eocene NP		
22020	middle Eocene A-2 Zone		
22021	Oligocene Zemorrian Stage		
22022	Cretaceous arenaceous foraminifers		
22023	early or middle Miocene		
22024	Miocene		
22025	early Miocene Saucesian Stage		
22026	early Miocene Saucesian Stage		
22027	middle Miocene Luisian Stage		
22028	middle Miocene Luisian Stage		
22029	early Miocene Saucesian Stage		
22030	early Miocene Relizian Stage		
22031	Oligocene Zemorrian or early Miocene Saucesian Stage		
22032	possibly early Miocene Saucesian Stage		
22033	early Miocene Saucesian Stage		
22034	early Eocene C Zone		
22035	early or middle Eocene		
22036	early or middle Eocene		
22037	early or middle Eocene		
22038	middle or late Eocene A Zone		
22039	middle or late Eocene A Zone		
22040	Oligocene Zemorrian or early Miocene Saucesian Stage		
22041	early Miocene		
22042	early Miocene Saucesian Stage		
22043	middle and late Miocene upper Mohnian Stage		
22044	early Miocene Saucesian Stage		
22045	middle and late Miocene upper Mohnian Stage		
22046	middle Miocene Luisian Stage		
22047	early Miocene Relizian Stage		
22048	middle Miocene		
22049	early Miocene upper Relizian Stage		
22050	early Miocene lower Relizian Stage		
22051	probably early Miocene Relizian Stage		
22052	early Miocene		
22053	middle Miocene		
22054	early Miocene Relizian Stage		

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1	**ZONE/STAGE/SERIES/AGE**		
22055	early Miocene Relizian Stage		
22056	early Miocene Relizian Stage		
22057	middle Miocene Luisian Stage		
22058	early Miocene Saucesian Stage		
22059	early Miocene Saucesian Stage		
22060	early Miocene Relizian Stage		
22061	middle and late Miocene upper Mohnian Stage		
22062	early Miocene Relizian Stage		
22063	late Miocene		
22064	Late Cretaceous pseudo G-1 Zone		
22065	early Miocene Saucesian Stage		
22066	early Miocene Saucesian Stage		
22067	Oligocene Zemorrian or early Miocene Saucesian Stage		
22068	middle Miocene Luisian Stage		
22069	middle Miocene		
22070	middle Miocene Luisian Stage		
22071	early or middle Miocene Relizian or Luisian Stage		
22072	Miocene		
22073	middle Miocene Luisian Stage (Pseudosaucesian)		
22074	middle Miocene Luisian Stage (Pseudosaucesian)		
22075	possibly early Miocene Relizian Stage		
22076	possibly early Miocene Relizian Stage		
22077	middle Miocene		
22078	middle Miocene		
22079	middle Miocene		
22080	middle Miocene		
22081	middle Miocene		
22082	middle Miocene		
22083	middle Miocene		
22084	middle Miocene		
22085	middle Miocene		
22086	early Miocene Relizian Stage		
22087	early Miocene Relizian Stage		
22088	early Miocene Relizian Stage		
22089	early Miocene Relizian Stage		
22090	possibly early Miocene Saucesian Stage		
22091	Eocene		
22092	middle Eocene A-2 Zone		
22093	early Eocene		
22094	early Eocene		
22095	early Eocene		
22096	early Eocene		
22097	early Eocene		
22098	Eocene		
22099	Eocene		
22100	Eocene		
22101	Eocene		
22102	Eocene		
22103	Eocene		
22104	Eocene		
22105	Eocene		
22106	Eocene		
22108	Eocene		
22109	Late Cretaceous arenaceous foraminifers		
22110	Late Cretaceous arenaceous foraminifers		
22111	Late Cretaceous arenaceous foraminifers		
22112	Late Cretaceous arenaceous foraminifers		
22113	Late Cretaceous arenaceous foraminifers		
22114	Late Cretaceous arenaceous foraminifers		
22115	Late Cretaceous arenaceous foraminifers		
22116	Late Cretaceous arenaceous foraminifers		
22117	Eocene		
22118	Eocene		
22119	Eocene		
22120	Eocene		
22121	Eocene		
22122	Eocene		
22123	Eocene		
22124	Eocene		
22125	Eocene		
22126	Eocene		
22127	Eocene		
22128	early Eocene Discoaster tribrachiatus Zone		
22129	Eocene		

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1	ZONE/STAGE/SERIES/AGE		
22130	Eocene		
22131	early Eocene Discoaster tribrachiatus Zone		
22132	Eocene		
22133	early Eocene Discoaster tribrachiatus Zone		
22134	Eocene		
22135	early Eocene Discoaster tribrachiatus Zone		
22136	Eocene		
22137	early Eocene Discoaster tribrachiatus Zone		
22138	Eocene		
22139	Eocene?		
22140	early Eocene Discoaster tribrachiatus Zone		
22141	Eocene		
22142	Eocene		
22143	Eocene?		
22144	early Eocene Discoaster tribrachiatus Zone		
22145	Eocene		
22146	Eocene		
22147	early Eocene Discoaster tribrachiatus Zone		
22148	Eocene		
22149	Eocene		
22150	early Eocene Discoaster tribrachiatus Zone		
22151	Eocene		
22152	Eocene		
22153	early Eocene Discoaster tribrachiatus Zone		
22154	Eocene		
22155	Eocene		
22156	Eocene?		
22157	Late Cretaceous arenaceous foraminifers		
22158	Late Cretaceous arenaceous foraminifers		
22159	Late Cretaceous arenaceous foraminifers		
22160	Late Cretaceous arenaceous foraminifers		
22161	Late Cretaceous arenaceous foraminifers		
22162	Late Cretaceous arenaceous foraminifers		
22163	Late Cretaceous arenaceous foraminifers		
22164	Late Cretaceous arenaceous foraminifers		
22165	Late Cretaceous arenaceous foraminifers		
22166	Late Cretaceous arenaceous foraminifers		
22167	Late Cretaceous arenaceous foraminifers		
22168	Late Cretaceous arenaceous foraminifers		
22169	Late Cretaceous arenaceous foraminifers		
22170	Late Cretaceous arenaceous foraminifers		
22171	Late Cretaceous arenaceous foraminifers		
22172	Late Cretaceous arenaceous foraminifers		
22173	Late Cretaceous arenaceous foraminifers		
22174	Late Cretaceous arenaceous foraminifers		
22175	Late Cretaceous arenaceous foraminifers		
22176	Late Cretaceous arenaceous foraminifers		
22177	Late Cretaceous arenaceous foraminifers		
22178	Late Cretaceous arenaceous foraminifers		
22179	Late Cretaceous arenaceous foraminifers		
22180	Late Cretaceous arenaceous foraminifers		
22181	Late Cretaceous arenaceous foraminifers		
22182	Late Cretaceous arenaceous foraminifers		
22183	Late Cretaceous arenaceous foraminifers		
22184	Late Cretaceous arenaceous foraminifers		
22185	Late Cretaceous arenaceous foraminifers		
22186	Late Cretaceous arenaceous foraminifers		
22187	Late Cretaceous arenaceous foraminifers		
22188	Late Cretaceous arenaceous foraminifers		
22189	Late Cretaceous arenaceous foraminifers		
22190	Late Cretaceous arenaceous foraminifers		
22191	Late Cretaceous arenaceous foraminifers		
22192	Late Cretaceous arenaceous foraminifers		
22193	Late Cretaceous arenaceous foraminifers		
22194	Late Cretaceous or Paleocene		
22195	late? Eocene		
22196	late? Eocene		cores and of
22197	late? Eocene		
22198	late? Eocene		
22199	Early Cretaceous arenaceous foraminifers		
22200	Early Cretaceous arenaceous foraminifers		
22201	Early Cretaceous arenaceous foraminifers		
22202	Early Cretaceous arenaceous foraminifers		
22203	Early Cretaceous arenaceous foraminifers		

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1	ZONE/STAGE/SERIES/AGE		
22204	Tertiary		
22205	Early Cretaceous arenaceous foraminifers		
22206	Early Cretaceous arenaceous foraminifers		
22207	Early Cretaceous arenaceous foraminifers		
22208	Late Cretaceous not older than G-1 Zone		
22209	Late Cretaceous F-2 Zone		
22210	Late Cretaceous F or G Zone		
22211	Late Cretaceous G-1 Zone		
22212	Late Cretaceous F-2 Zone		
22213	Late Cretaceous F or G Zone		
22214	Late Cretaceous F-2 Zone		
22215	probably Late Cretaceous F-2 Zone		
22216	Late Cretaceous F or G Zone		
22217	Late Cretaceous F or G Zone		
22218	Late Cretaceous F-2 Zone		
22219	Late Cretaceous G-2 Zone		
22220	Late Cretaceous G-2 Zone		
22221	Late Cretaceous G-2 Zone		
22222	early Miocene Saucesian Stage		
22223	early Miocene Saucesian Stage		
22224	early Miocene Saucesian Stage		
22225	early Miocene Saucesian Stage		
22226	early Miocene Saucesian Stage		
22227	early Miocene Saucesian Stage		
22228	early Miocene Saucesian Stage		
22229	early Miocene Saucesian Stage		
22230	early Miocene Saucesian Stage		
22231	early Miocene Saucesian Stage		
22232	early Miocene Saucesian Stage		
22233	early Miocene Saucesian Stage		
22234	early Miocene Saucesian Stage		
22235	early Miocene Saucesian Stage		
22236	Oligocene Zemorrian Stage		
22237	Oligocene Zemorrian Stage		
22238	Oligocene Zemorrian Stage		
22239	Oligocene Zemorrian Stage		
22240	Oligocene Zemorrian Stage		
22241	Oligocene Zemorrian Stage		
22242	Oligocene Zemorrian Stage		
22243	Oligocene Zemorrian Stage		
22244	Oligocene Zemorrian Stage		
22245	Oligocene Zemorrian Stage		
22246	Oligocene Zemorrian Stage		
22247	Oligocene Zemorrian Stage		
22248	Oligocene Zemorrian Stage		
22249	Oligocene Zemorrian Stage		
22250	Oligocene Zemorrian Stage		
22251	Oligocene Zemorrian Stage		
22252	Oligocene Zemorrian Stage		
22253	Oligocene Zemorrian Stage		
22254	Oligocene Zemorrian Stage		
22255	Oligocene Zemorrian Stage		
22256	early Miocene Relizian Stage		
22257	early Miocene Saucesian Stage		
22258	early Miocene Saucesian Stage		
22259	early Miocene Saucesian Stage		
22260	early Miocene Saucesian Stage		
22261	early Miocene Saucesian Stage		
22262	early Miocene Saucesian Stage		
22263	early Miocene Saucesian Stage		
22264	early Miocene Saucesian Stage		
22265	early Miocene Saucesian Stage		
22266	early Miocene Saucesian Stage		
22267	early Miocene Saucesian Stage		
22268	early Miocene Saucesian Stage		
22269	early Miocene Saucesian Stage		
22270	early Miocene Saucesian Stage		
22271	early Miocene Saucesian Stage		
22272	early Miocene Saucesian Stage		
22273	early Miocene Saucesian Stage		
22274	early Miocene Saucesian Stage		
22275	early Miocene Saucesian Stage		
22276	early Miocene Saucesian Stage		
22277	early Miocene Saucesian Stage		

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1	ZONE/STAGE/SERIES/AGE		
22278	early Miocene Saucesian Stage		
22279	early Miocene Saucesian Stage		
22280	early Miocene Saucesian Stage		
22281	early Miocene Saucesian Stage		
22282	early Miocene Saucesian Stage		
22283	early Miocene Saucesian Stage		
22284	early Miocene Saucesian Stage		
22285	early Miocene Saucesian Stage		
22286	early Miocene Saucesian Stage		
22287	early Miocene Saucesian Stage		
22288	early Miocene Saucesian Stage		
22289	early Miocene Saucesian Stage		
22290	early Miocene Saucesian Stage		
22291	early Miocene Relizian Stage		
22292	early Miocene Relizian Stage		
22293	early Miocene Relizian Stage		
22294	early Miocene Relizian Stage		
22295	early Miocene Relizian Stage		
22296	early Miocene Relizian Stage		
22297	early Miocene Relizian Stage		
22298	early Miocene Relizian Stage		
22299	early Miocene Relizian Stage		
22300	early Miocene Relizian Stage		
22301	early Miocene Relizian Stage		
22302	early Miocene Relizian Stage		
22303	early Miocene Relizian Stage		
22304	early Miocene Relizian Stage		
22305	early Miocene Relizian Stage		
22306	early Miocene Relizian Stage		
22307	early Miocene Relizian Stage		
22308	early Miocene Relizian Stage		
22309	early Miocene Relizian Stage		
22310	early or middle Eocene		
22311	early Miocene Saucesian Stage		
22312	early Miocene Saucesian Stage		
22313	early Miocene Saucesian Stage		
22314	early Miocene Saucesian Stage		
22315	early Miocene Saucesian Stage		
22316	early Miocene Saucesian Stage		
22317	early Miocene Saucesian Stage		
22318	early Miocene Saucesian Stage		
22319	early Miocene Saucesian Stage		
22320	early Miocene Saucesian Stage		
22321	early Miocene Saucesian Stage		
22322	early Miocene Saucesian Stage		
22323	early Miocene Saucesian Stage		
22324	early Miocene Saucesian Stage		
22325	early Miocene Saucesian Stage		
22326	early Miocene Saucesian Stage		
22327	early Miocene Saucesian Stage		
22328	early Miocene Saucesian Stage		
22329	early Miocene Saucesian Stage		
22330	Oligocene Zemorrian Stage		
22331	Oligocene Zemorrian Stage		
22332	Oligocene Zemorrian Stage		
22333	Oligocene Zemorrian Stage		
22334	Oligocene Zemorrian Stage		
22335	Oligocene Zemorrian Stage		
22336	Oligocene Zemorrian Stage		
22337	Oligocene Zemorrian Stage		
22338	Oligocene Zemorrian Stage		
22339	Oligocene Zemorrian Stage		
22340	Oligocene Zemorrian Stage		
22341	middle Miocene Luisian Stage		
22342	middle and late Miocene lower Mohnian Stage		
22343	middle and late Miocene lower Mohnian Stage		
22344	probably Oligocene Zemorrian Stage		
22345	Oligocene Zemorrian Stage		
22346	Oligocene Zemorrian Stage		
22347	Oligocene Zemorrian Stage		
22348	Oligocene Zemorrian Stage		
22349	Oligocene Zemorrian Stage		
22350	Late Cretaceous or Paleocene		
22351	Late Cretaceous or Paleocene		

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1	**ZONE/STAGE/SERIES/AGE**		
22352	Late Cretaceous or Paleocene		
22353	possibly Pliocene		
22354	possibly Pliocene		
22355	probably Oligocene Zemorrian Stage		
22356	late Miocene or Pliocene		
22357	Oligocene Zemorrian Stage		
22358	Oligocene Zemorrian Stage		
22359	Oligocene Zemorrian Stage		
22360	Oligocene Zemorrian Stage		
22361	Oligocene Zemorrian Stage		
22362	Eocene		
22363	Oligocene lower Zemorrian Stage		
22364	Oligocene lower Zemorrian Stage		
22365	Oligocene lower Zemorrian Stage		
22366	Oligocene lower Zemorrian Stage		
22367	Oligocene lower Zemorrian Stage		
22368	Oligocene lower Zemorrian Stage		
22369	Miocene		
22370	middle and late Miocene lower Mohnian Stage		
22371	Eocene		
22372	late Eocene Narizian or Refugian Stage		
22373	early Miocene Relizian Stage		
22374	early Miocene Relizian Stage		
22375	Eocene		
22376	Oligocene Zemorrian Stage		
22377	probably early Miocene Saucesian Stage		
22378	Eocene		
22379	Oligocene Zemorrian Stage		
22380	Oligocene Zemorrian Stage		
22381	Oligocene Zemorrian Stage		
22382	middle Miocene Luisian Stage		
22383	middle and late Miocene lower Mohnian Stage		
22384	probably middle Miocene Luisian Stage		
22385	middle and late Miocene lower Mohnian Stage		
22386	middle and late Miocene lower Mohnian Stage		
22387	middle Miocene Luisian Stage		
22388	middle and late Miocene lower Mohnian Stage		
22389	middle and late Miocene lower Mohnian Stage		
22390	middle and late Miocene lower Mohnian Stage		
22391	middle and late Miocene lower Mohnian Stage		
22392	middle and late Miocene lower Mohnian Stage		
22393	middle and late Miocene lower Mohnian Stage		
22394	middle and late Miocene Mohnian Stage		
22395	probably late Miocene		
22396	probably late Eocene Refugian Stage		
22397	middle Eocene A-2 Zone		
22398	probably late Eocene Refugian Stage		
22399	late Eocene Refugian Stage		
22400	middle Eocene A-2 Zone		
22401	middle and late Miocene lower Mohnian Stage		
22402	middle and late Miocene lower Mohnian Stage		
22403	middle and late Miocene lower Mohnian Stage		
22404	middle and late Miocene lower Mohnian Stage		
22405	middle Miocene Luisian Stage		
22406	middle Miocene Luisian Stage		
22407	middle Miocene Luisian Stage		
22408	early Miocene lower Relizian Stage		
22409	middle and late Miocene lower Mohnian Stage		
22410	middle and late Miocene Mohnian Stage		
22411	middle and late Miocene Mohnian Stage		
22412	middle and late Miocene Mohnian Stage		
22413	middle and late Miocene Mohnian Stage		
22414	middle and late Miocene lower Mohnian Stage		
22415	middle and late Miocene lower Mohnian Stage		
22416	middle and late Miocene lower Mohnian Stage		
22417	middle and late Miocene lower Mohnian Stage		
22418	middle and late Miocene Mohnian Stage		
22419	middle Eocene A-2 Zone		
22420	Late Cretaceous C or D-1 Zone		
22421	early Miocene Saucesian Stage		
22422	early Miocene Saucesian Stage		
22423	Oligocene Zemorrian Stage		
22424	Late Cretaceous G-2 Zone		
22425	Late Cretaceous G-2 Zone		

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1	**ZONE/STAGE/SERIES/AGE**		
22426	Late Cretaceous G-2 Zone		
22427	early Miocene Relizian Stage		
22428	Oligocene Zemorrian Stage		
22429	early Miocene Relizian Stage		
22430	Early Cretaceous J-2 Zone		
22431	Early Cretaceous J-2 Zone		
22432	Early Cretaceous J-2 Zone		
22433	Early Cretaceous J-2 Zone		
22434	Early Cretaceous J-2 Zone		
22435	Early Cretaceous J-2 Zone		
22436	Early Cretaceous J-2 Zone		
22437	Early Cretaceous J-2 Zone		
22438	early Miocene Relizian Stage		
22439	Early Cretaceous J-2 Zone		
22440	Early Cretaceous J-2 Zone		
22441	probably middle Miocene Luisian Stage		
22442	middle Miocene		
22443	Oligocene Zemorrian Stage		
22444	Miocene or Pliocene		
22445	possibly early Miocene Saucesian Stage		
22446	middle and late Miocene lower Mohnian Stage		
22447	Oligocene Zemorrian Stage		
22448	late Eocene A-1 Zone		
22449	middle and late Miocene Mohnian Stage		
22450	Eocene or Cretaceous		
22451	Eocene		
22452	Late Cretaceous H Zone		
22453	Late Cretaceous H Zone		
22454	Late Cretaceous H Zone		
22455	Late Cretaceous G-2 Zone		
22456	Late Cretaceous D Zone		
22457	Late Cretaceous G-2 Zone		
22458	Late Cretaceous D Zone		
22459	Late Cretaceous H Zone		
22460	Late Cretaceous H Zone		
22461	Late Cretaceous H Zone		
22462	Late Cretaceous H Zone		
22463	Late Cretaceous G-2 Zone		
22464	Late Cretaceous H Zone		
22465	Late Cretaceous H Zone		
22466	Late Cretaceous H Zone		
22467	Late Cretaceous arenaceous foraminifers		
22468	Late Cretaceous arenaceous foraminifers		
22469	late Miocene?		
22470	late Miocene?		
22471	early Miocene Saucesian Stage		
22472	early Miocene Relizian Stage		
22473	early Miocene Relizian Stage		
22474	Early Cretaceous Valanginian		
22475	Early Cretaceous arenaceous foraminifers		
22476	Early Cretaceous arenaceous foraminifers		
22477	Early Cretaceous arenaceous foraminifers		
22478	Early Cretaceous arenaceous foraminifers		
22479	Early Cretaceous arenaceous foraminifers		
22480	Early Cretaceous arenaceous foraminifers		
22481	Early Cretaceous arenaceous foraminifers		
22482	Early Cretaceous arenaceous foraminifers		
22483	Early Cretaceous arenaceous foraminifers		
22484	Early Cretaceous arenaceous foraminifers		
22485	Early Cretaceous arenaceous foraminifers		
22486	Early Cretaceous arenaceous foraminifers		
22487	Early Cretaceous arenaceous foraminifers		
22488	Early Cretaceous arenaceous foraminifers		
22489	Early Cretaceous arenaceous foraminifers		
22490	Early Cretaceous arenaceous foraminifers		
22491	Early Cretaceous arenaceous foraminifers		
22492	Early Cretaceous arenaceous foraminifers		
22493	Early Cretaceous arenaceous foraminifers		
22494	Early Cretaceous arenaceous foraminifers		
22495	Early Cretaceous arenaceous foraminifers		
22496	Early Cretaceous arenaceous foraminifers		
22497	Early Cretaceous arenaceous foraminifers		
22498	Early Cretaceous arenaceous foraminifers		
22499	Early Cretaceous arenaceous foraminifers		

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1	**ZONE/STAGE/SERIES/AGE**		
22500	Early Cretaceous arenaceous foraminifers		
22501	early Miocene Relizian Stage		
22502	Oligocene Zemorrian Stage		
22503	probably Oligocene Zemorrian Stage		
22504	Late Cretaceous F-2 to G-1 Zone		
22505	Late Cretaceous F-2 to G-1 Zone		
22506	Late Cretaceous F-2 to G-1 Zone		
22507	Late Cretaceous F-2 to G-1 Zone		
22508	Late Cretaceous F-2 to G-1 Zone		
22509	Late Cretaceous F-2 to G-1 Zone		
22510	Late Cretaceous F-2 to G-1 Zone		
22511	Late Cretaceous F-2 to G-1 Zone		
22512	Late Cretaceous F-2 to G-1 Zone		
22513	early Miocene Saucesian Stage		
22514	early Miocene upper Saucesian Stage		
22515	Early Cretaceous J or K Zone		
22516	Early Cretaceous J? Zone		
22517	Early or Late Cretaceous J-1 or I Zone		
22518	Early or Late Cretaceous J-1 or I Zone		
22519	Early or Late Cretaceous J-1 or I Zone		
22520	Early Cretaceous J-1 Zone		
22521	Early Cretaceous J? Zone		
22522	Early or Late Cretaceous J-2 to G-2 Zone		
22523	early Miocene lower Relizian Stage		
22524	early Miocene		
22525	probably Oligocene Zemorrian Stage		
22526	early Miocene lower Saucesian Stage		
22527	early Miocene lower Relizian Stage		
22528	Eocene		
22529	middle and late Miocene lower Mohnian Stage		
22530	early Eocene D Zone		
22531	early Eocene D Zone		
22532	early Eocene D Zone		
22533	early Eocene D Zone		
22534	Eocene B Zones		
22535	Late Cretaceous H Zone		
22536	Late Cretaceous H Zone		
22537	middle Eocene A-2 Zone		
22538	middle Eocene A-2 Zone		
22539	middle Eocene A-2 Zone		
22540	Early Cretaceous J-1 Zone		
22541	Late Cretaceous H Zone		
22542	middle Eocene A-2 Zone		
22543	middle Eocene A-2 Zone		
22544	middle Eocene A-2 Zone		
22545	middle Eocene A-2 Zone		
22546	late Eocene A-1 Zone		
22547	middle and late Miocene Luisian or Mohnian Stage		
22548	middle and late Miocene Mohnian Stage		
22549	middle and late Miocene Mohnian Stage		
22550	middle and late Miocene Mohnian Stage		
22551	middle and late Miocene lower Mohnian Stage		
22552	middle and late Miocene lower Mohnian Stage		
22553	middle and late Miocene lower Mohnian Stage		
22554	middle and late Miocene lower Mohnian Stage		
22555	middle and late Miocene Mohnian Stage		
22556	middle and late Miocene Mohnian Stage		
22557	middle and late Miocene Mohnian Stage		
22558	middle and late Miocene Mohnian Stage		
22559	middle and late Miocene Mohnian? Stage		
22560	middle Miocene Luisian Stage		
22561	middle and late Miocene Mohnian Stage		
22562	middle and late Miocene Mohnian Stage		
22563	middle and late Miocene Mohnian Stage		
22564	middle Miocene Luisian Stage		
22565	middle and late Miocene Mohnian Stage		
22566	middle and late Miocene Mohnian? Stage		
22567	middle and late Miocene Mohnian? Stage		
22568	middle and late Miocene Mohnian Stage		
22569	middle and late Miocene upper Mohnian Stage		
22570	middle and late Miocene Mohnian Stage		
22571	middle and late Miocene Mohnian Stage		
22572	middle and late Miocene lower Mohnian Stage		
22573	middle and late Miocene Mohnian Stage		

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1	ZONE/STAGE/SERIES/AGE		
22574	middle Miocene Luisian Stage		
22575	middle Miocene Luisian Stage		
22576	middle and late Miocene Mohnian Stage		
22577	early Miocene		
22578	probably Oligocene Zemorrian Stage		
22579	middle Eocene A-2 Zone		
22580	probably middle Eocene		
22581	Oligocene Zemorrian Stage		
22582	Oligocene Zemorrian Stage		
22583	Oligocene Zemorrian or early Miocene Saucesian Stage		
22584	Oligocene Zemorrian Stage		
22585	early or middle Miocene Relizian or Luisian Stage		
22586	middle or late Miocene Mohnian or Delmontian Stage		
22587	middle or late Miocene Mohnian or Delmontian Stage		
22588	late Eocene A-1 Zone		
22589	late Eocene A-1 Zone		
22590	early Miocene lower? Relizian Stage		
22591	early Miocene Relizian Stage		
22592	early Miocene Saucesian Stage		
22593	early Miocene Saucesian Stage		
22594	early Miocene		
22595	possibly Late Cretaceous arenaceous foraminifers		
22596	Late Cretaceous arenaceous foraminifers		
22597	possibly Late Cretaceous arenaceous foraminifers		
22598	probably Late Cretaceous radiolaria		
22599	possibly Paleocene		
22600	early or middle Eocene		
22601	Late Cretaceous radiolaria		
22602	Late Cretaceous E Zone		
22603	Late Cretaceous radiolaria		
22604	possibly Late Cretaceous arenaceous foraminifers		
22605	Late Cretaceous Campanian or Maastrichtian		
22606	Late Cretaceous F-1 Zone		
22607	Late Cretaceous arenaceous foraminifers		
22608	middle Eocene		
22609	middle Eocene		
22610	possibly Late Cretaceous arenaceous foraminifers		
22611	middle Eocene		
22612	Late Cretaceous F or G-1 Zone		
22613	Cretaceous arenaceous foraminifers		
22614	probably Late Cretaceous arenaceous foraminifers		
22615	Late Cretaceous F or G Zone		
22616	Late Cretaceous arenaceous foraminifers		
22617	Cretaceous, Paleocene, or Eocene		
22618	assemblage slide		
22619	assemblage slide		
22620	assemblage slide		
22621	assemblage slide		
22622	assemblage slide		
22623	assemblage slide		
22624	early Miocene Saucesian Stage		
22625	early Miocene Saucesian Stage		
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22648	early Miocene Saucesian Stage		
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22871	early Miocene Saucesian Stage		
22872	early Miocene Saucesian Stage		
22873	early Miocene Saucesian Stage		
22874	early Miocene Saucesian Stage		
22875	middle Miocene Luisian Stage		
22876	middle Miocene Luisian Stage		
22877	middle Miocene Luisian Stage		
22878	middle Miocene Luisian Stage		
22879	middle Miocene Luisian Stage		
22880	middle Miocene Luisian Stage		
22881	middle and late Miocene Mohnian Stage		
22882	middle and late Miocene Mohnian Stage		
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22917	middle and late Miocene Mohnian Stage		
22918	early Miocene Saucesian Stage		
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22944	early Miocene Saucesian Stage		
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23008	early Miocene Relizian Stage		
23009	early Miocene Saucesian Stage or older		
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23149	early Miocene Saucesian Stage		
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23151	early Miocene Saucesian Stage		
23152	early Miocene Saucesian Stage		
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23165	early Miocene Saucesian Stage		

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1	ZONE/STAGE/SERIES/AGE		
23166	early Miocene Saucesian Stage		
23167	early Miocene Saucesian Stage		
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23182	early Miocene Saucesian Stage		
23183	early Miocene Saucesian Stage		
23184	early Miocene Saucesian Stage		
23185	early Miocene Saucesian Stage		
23186	Oligocene Zemorrian Stage		
23187	Oligocene Zemorrian Stage		
23188	Oligocene Zemorrian Stage		
23189	Oligocene Zemorrian Stage		
23190	Oligocene Zemorrian Stage		
23191	Oligocene Zemorrian Stage		
23192	Oligocene Zemorrian Stage		
23193	early Eocene C Zone		
23194	early Eocene C? Zone		
23195	early Eocene C Zone		
23196	early Miocene		
23197	early Miocene		
23198	early Miocene		
23199	early Miocene		
23200	early Miocene		
23201	early Miocene		
23202	early Miocene		
23203	Eocene		
23204	Eocene		
23205	Eocene		
23206	Eocene		
23207	early Miocene		
23208	Eocene		
23209	Eocene		
23210	Eocene		
23211	Eocene		
23212	Eocene		
23213	early Miocene		
23214	early Miocene		
23215	early Miocene		
23216	early Miocene		
23217	early Miocene		
23218	early Miocene		
23219	early Miocene		
23220	Cretaceous		
23221	Cretaceous		
23222	Cretaceous		
23223	Cretaceous		
23224	Cretaceous		
23225	Cretaceous		
23226	early Eocene C zone		
23227	Cretaceous?		
23228	early Eocene D Zone		
23229	middle Eocene A-2 Zone		
23230	middle Eocene A-2 Zone		
23231	middle Eocene A-2 Zone		
23232	middle Eocene A-2 Zone		
23233	middle Eocene A-2 Zone		
23234	Late Cretaceous E or F Zone		
23235	Late Cretaceous C or D Zone		
23236	Late Cretaceous C or D Zone		
23237	late Eocene Narizian or Refugian Stage		
23238	Late Cretaceous F or G-1 Zone		
23239	Late Cretaceous F or G-1 Zone		

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1	ZONE/STAGE/SERIES/AGE		
23240	Late Cretaceous E, F, or G-1 Zone		
23241	middle Eocene A-2 Zone		
23242	Late Cretaceous arenaceous foraminifers		
23243	early Eocene C Zone		
23244	middle Eocene A-2 Zone		
23245	Late Cretaceous arenaceous foraminifers		
23246	Late Cretaceous arenaceous foraminifers		
23247	Late Cretaceous arenaceous foraminifers		
23248	Late Cretaceous arenaceous foraminifers		
23249	Late Cretaceous C or D-1 Zone		
23250	late Eocene		
23251	late Paleocene E Zone		
23252	Late Cretaceous or Paleocene		
23253	early Eocene D Zone		
23254	Eocene		
23255	Eocene		
23256	Eocene		
23257	Eocene		
23258	Eocene		
23259	middle Miocene		
23260	middle Miocene		
23261	Pliocene		
23262	Late Cretaceous arenaceous foraminifers		
23263	Late Cretaceous F or G-1 Zone		
23264	Late Cretaceous E Zone		
23265	Late Cretaceous E Zone		
23266	Late Cretaceous E Zone		
23267	Eocene		
23268	Eocene		
23269	Late Cretaceous G-2 Zone		
23270	Late Cretaceous G-2 Zone		
23271	Pliocene?		
23272	Pliocene?		
23273	Paleocene and/or early Eocene		
23274	Cretaceous		
23275	Cretaceous		
23276	Late Cretaceous E Zone		
23277	early Tertiary		
23278	Eocene		
23279	Late Cretaceous arenaceous foraminifers and NP		
23280	Late Cretaceous		
23281	Late Cretaceous F-1 zone		
23282	Eocene		
23283	Late Cretaceous		
23284	see Wentworth Stanford PhD thesis		
23285	late Eocene		
23286	Late Cretaceous I Zone		
23287	Late Cretaceous F-2 Zone		
23288	Late Cretaceous E Zone		
23289	early Eocene C Zone		
23290	late Paleocene or early Eocene		
23291	Cretaceous arenaceous foraminifers		
23292	late Paleocene E Zone		
23293	Eocene?		
23294	Early Cretaceous arenaceous foraminifers		
23295	Early Cretaceous arenaceous foraminifers		
23296	Early? Cretaceous		
23297	Eocene		
23298	Late Cretaceous G or H Zone		
23299	Late Cretaceous G or H Zone		
23300	Late Cretaceous G or H Zone		
23301	Late Cretaceous G or H Zone		
23302	Late Cretaceous G or H Zone		
23303	Late Cretaceous G or H Zone		
23304	Late Cretaceous G or H Zone		
23305	Late Cretaceous G or H Zone		
23306	Late Cretaceous G or H Zone		
23307	Late Cretaceous G or H Zone		
23308	Late Cretaceous G or H Zone		
23309	Late Cretaceous G or H Zone		
23310	Late Cretaceous G or H Zone		
23311	Late Cretaceous G or H Zone		
23312	Late Cretaceous G or H Zone		
23313	Late Cretaceous G or H Zone		

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1	ZONE/STAGE/SERIES/AGE		
23314	Late Cretaceous G or H Zone		
23315	Late Cretaceous G or H Zone		
23316	Early Cretaceous J-1 Zone		
23317	Late Cretaceous G-1 Zone		
23318	Late Cretaceous G-1 Zone		
23319	Late Cretaceous G-2 Zone		
23320	Late Cretaceous G-2 Zone		
23321	Late Cretaceous G-2 Zone		
23322	Late Cretaceous G-2 Zone		
23323	Late Cretaceous G-2 Zone		
23324	Late Cretaceous G-2 Zone		
23325	Late Cretaceous G-2 Zone		
23326	Late Cretaceous G-2 Zone		
23327	Late Cretaceous G-2 Zone		
23328	Late Cretaceous G-2 Zone		
23329	Late Cretaceous G-2 Zone		
23330	Late Cretaceous G-2 Zone		
23331	Late Cretaceous G-2 Zone		
23332	Late Cretaceous G-2 Zone		
23333	Late Cretaceous G-2 Zone		
23334	Late Cretaceous H Zone		
23335	Late Cretaceous G-2 Zone		
23336	Late Cretaceous G-2 Zone		
23337	Late Cretaceous G-2 Zone		
23338	Late Cretaceous H Zone		
23339	Late Cretaceous H Zone		
23340	Cretaceous arenaceous foraminifers		
23341	Cretaceous arenaceous foraminifers		
23342	Cretaceous arenaceous foraminifers		
23343	Cretaceous arenaceous foraminifers		
23344	Cretaceous arenaceous foraminifers		
23345	Cretaceous arenaceous foraminifers		
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23348	Cretaceous arenaceous foraminifers		
23349	Cretaceous arenaceous foraminifers		
23350	Cretaceous arenaceous foraminifers		
23351	Cretaceous arenaceous foraminifers		
23352	Early Cretaceous arenaceous foraminifers		
23353	Cretaceous arenaceous foraminifers		
23354	Cretaceous arenaceous foraminifers		
23355	Cretaceous arenaceous foraminifers		
23356	Cretaceous arenaceous foraminifers		
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23361	Cretaceous arenaceous foraminifers		
23362	Cretaceous arenaceous foraminifers		
23363	Cretaceous arenaceous foraminifers		
23364	Cretaceous arenaceous foraminifers		
23365	Cretaceous arenaceous foraminifers		
23366	Cretaceous arenaceous foraminifers		
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23370	Cretaceous arenaceous foraminifers		
23371	Cretaceous arenaceous foraminifers		
23372	Cretaceous arenaceous foraminifers		
23373	Cretaceous arenaceous foraminifers		
23374	Eocene		
23375	Eocene		
23376	Eocene		
23377	Eocene		
23378	Eocene		
23379	Eocene		
23380	Eocene		
23381	Eocene		
23382	Eocene		
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23384	Eocene		
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23386	Eocene		
23387	Eocene		

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1	ZONE/STAGE/SERIES/AGE		
23388	Eocene		
23389	Eocene		
23390	Eocene		
23391	Eocene		
23392	Late Cretaceous F-2 Zone		
23393	Late Cretaceous F-2 Zone		
23394	Eocene?		
23395	late Miocene		
23396	late Miocene		
23397	late Miocene		
23398	late Miocene		
23399	late Miocene		
23400	late Miocene		
23401	late Miocene		
23402	late Miocene		
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23460	late Miocene		
23461	late Miocene		

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1	ZONE/STAGE/SERIES/AGE		
23462	late Miocene		
23463	late Miocene		
23464	late Miocene		
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23485	late Miocene		
23486	late Miocene		
23487	late Miocene		
23488	late Miocene		
23489	late Miocene		
23490	late Miocene		
23491	middle and late Miocene		
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1	ZONE/STAGE/SERIES/AGE		
23536	middle and late Miocene		
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23610	middle and late Miocene		
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23685	middle and late Miocene		
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23700	middle and late Miocene		
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23831	late Miocene		

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1	ZONE/STAGE/SERIES/AGE		
23832	late Miocene		
23833	late Miocene		
23834	late Miocene		
23835	late Miocene		
23836	late Miocene		
23837	late Miocene		
23838	late Miocene		
23839	no age provided		
23840	no age provided		
23841	Oligocene Zemorrian		
23842	Oligocene Zemorrian		
23843	Oligocene Zemorrian		
23844	Oligocene Zemorrian		
23845	early Miocene Saucesian Stage		
23846	early Miocene Saucesian Stage		
23847	early Miocene Saucesian Stage		
23848	early Miocene Saucesian Stage		
23849	early Miocene Saucesian Stage		
23850	early Miocene Saucesian Stage		
23851	early Miocene Saucesian Stage		
23852	early Miocene Saucesian Stage		
23853	early Miocene Saucesian Stage		
23854	early Miocene Saucesian Stage		
23855	early Miocene Saucesian Stage		
23856	early Miocene Saucesian Stage		
23857	early Miocene Saucesian Stage		
23858	early Miocene Saucesian Stage		
23859	early Miocene Saucesian Stage		
23860	early Miocene Saucesian Stage		
23861	early Miocene Saucesian Stage		
23862	early Miocene Saucesian Stage		
23863	early Miocene Saucesian Stage		
23864	early Miocene lower Relizian Stage		
23865	early Miocene lower Relizian Stage		
23866	early Miocene lower Relizian Stage		
23867	early Miocene upper Relizian Stage		
23868	early Miocene upper Relizian Stage		
23869	early Miocene upper Relizian Stage		
23870	early Miocene upper Relizian Stage		
23871	early Miocene upper Relizian Stage		
23872	early Miocene upper Relizian Stage		
23873	no age information		
23874	Oligocene Zemorrian Stage		
23875	Oligocene Zemorrian Stage		
23876	Oligocene Zemorrian Stage		
23877	Oligocene Zemorrian Stage		
23878	Oligocene Zemorrian Stage		
23879	Oligocene Zemorrian Stage		
23880	Oligocene Zemorrian Stage		
23881	Oligocene Zemorrian Stage		
23882	Oligocene Zemorrian Stage		
23883	Oligocene Zemorrian Stage		
23884	Oligocene Zemorrian Stage		
23885	early Miocene Saucesian Stage		
23886	early Miocene Saucesian Stage		
23887	early Miocene Saucesian Stage		
23888	early Miocene Saucesian Stage		
23889	early Miocene Saucesian Stage		
23890	early Miocene Saucesian Stage		
23891	early Miocene Saucesian Stage		
23892	early Miocene Saucesian Stage		
23893	early Miocene Saucesian Stage		
23894	early Miocene Saucesian Stage		
23895	early Miocene Saucesian Stage		
23896	early Miocene Saucesian Stage		
23897	early Miocene Saucesian Stage		
23898	early Miocene Saucesian Stage		
23899	early Miocene Saucesian Stage		
23900	early Miocene Saucesian Stage		
23901	early Miocene Saucesian Stage		
23902	early Miocene Saucesian Stage		
23903	early Miocene Saucesian Stage		
23904	early Miocene Saucesian Stage		
23905	early Miocene Saucesian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
23906	early Miocene Saucesian Stage		
23907	early Miocene Saucesian Stage		
23908	early Miocene Saucesian Stage		
23909	early Miocene Saucesian Stage		
23910	early Miocene Saucesian Stage		
23911	early Miocene Saucesian Stage		
23912	early Miocene lower Relizian Stage		
23913	early Miocene upper Relizian Stage		
23914	early Miocene upper Relizian Stage		
23915	Eocene		
23916	early Miocene Saucesian Stage		
23917	Eocene		
23918	Eocene		
23919	Eocene		
23920	Eocene		
23921	Eocene		
23922	Eocene		
23923	Eocene		
23924	Eocene		
23925	Oligocene Zemorrian Stage		
23926	Oligocene Zemorrian Stage		
23927	Oligocene Zemorrian Stage		
23928	Oligocene Zemorrian Stage		
23929	Oligocene Zemorrian Stage		
23930	Oligocene Zemorrian Stage		
23931	Oligocene Zemorrian Stage		
23932	Oligocene Zemorrian Stage		
23933	Oligocene Zemorrian Stage		
23934	Oligocene Zemorrian Stage		
23935	early Miocene Saucesian Stage		
23936	early Miocene Saucesian Stage		
23937	early Miocene Saucesian Stage		
23938	early Miocene Saucesian Stage		
23939	early Miocene Saucesian Stage		
23940	early Miocene Saucesian Stage		
23941	early Miocene Saucesian Stage		
23942	early Miocene Saucesian Stage		
23943	early Miocene Saucesian Stage		
23944	early Miocene Saucesian Stage		
23945	early Miocene Saucesian Stage		
23946	early Miocene Saucesian Stage		
23947	early Miocene Saucesian Stage		
23948	early Miocene Saucesian Stage		
23949	early Miocene Saucesian Stage		
23950	early Miocene Saucesian Stage		
23951	early Miocene Saucesian Stage		
23952	early Miocene Saucesian Stage		
23953	early Miocene Saucesian Stage		
23954	early Miocene Saucesian Stage		
23955	early Miocene Saucesian Stage		
23956	early Miocene Saucesian Stage		
23957	early Miocene Saucesian Stage		
23958	early Miocene Saucesian Stage		
23959	early Miocene Saucesian Stage		
23960	early Miocene Saucesian Stage		
23961	early Miocene Saucesian Stage		
23962	early Miocene Saucesian Stage		
23963	early Miocene upper Relizian Stage		
23964	early Miocene upper Relizian Stage		
23965	early Miocene upper Relizian Stage		
23966	early Miocene upper Relizian Stage		
23967	early Miocene upper Relizian Stage		
23968	early Miocene upper Relizian Stage		
23969	early Miocene upper Relizian Stage		
23970	early Miocene upper Relizian Stage		
23971	early Miocene upper Relizian Stage		
23972	early Miocene upper Relizian Stage		
23973	Eocene		
23974	Oligocene Zemorrian Stage		
23975	Oligocene Zemorrian Stage		
23976	Oligocene Zemorrian Stage		
23977	Oligocene Zemorrian Stage		
23978	Oligocene Zemorrian Stage		
23979	Oligocene Zemorrian Stage		

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1	ZONE/STAGE/SERIES/AGE		
23980	Oligocene Zemorrian Stage		
23981	Oligocene Zemorrian Stage		
23982	Oligocene Zemorrian Stage		
23983	Oligocene Zemorrian Stage		
23984	Oligocene Zemorrian Stage		
23985	early Miocene Saucesian Stage		
23986	early Miocene Saucesian Stage		
23987	Oligocene Zemorrian Stage		
23988	Oligocene Zemorrian Stage		
23989	Oligocene Zemorrian Stage		
23990	Oligocene Zemorrian Stage		
23991	Oligocene Zemorrian Stage		
23992	Oligocene Zemorrian Stage		
23993	Oligocene Zemorrian Stage		
23994	early Miocene Saucesian Stage		
23995	early Miocene Saucesian Stage		
23996	early Miocene Saucesian Stage		
23997	early Miocene Saucesian Stage		
23998	early Miocene Saucesian Stage		
23999	early Miocene Saucesian Stage		
24000	early Miocene Saucesian Stage		
24001	early Miocene Saucesian Stage		
24002	early Miocene Saucesian Stage		
24003	early Miocene Saucesian Stage		
24004	early Miocene Saucesian Stage		
24005	early Miocene Saucesian Stage		
24006	early Miocene Saucesian Stage		
24007	early Miocene Saucesian Stage		
24008	middle Miocene Luisian Stage		
24009	type slide		
24010	Eocene		
24011	Oligocene Zemorrian Stage		
24012	Oligocene Zemorrian Stage		
24013	Oligocene Zemorrian Stage		
24014	Oligocene Zemorrian Stage		
24015	early Miocene Saucesian Stage		
24016	early Miocene Saucesian Stage		
24017	early Miocene Saucesian Stage		
24018	early Miocene Saucesian Stage		
24019	early Miocene Saucesian Stage		
24020	early Miocene Saucesian Stage		
24021	early Miocene Saucesian Stage		
24022	early Miocene Saucesian Stage		
24023	early Miocene Saucesian Stage		
24024	early Miocene Saucesian Stage		
24025	early Miocene Saucesian Stage		
24026	early Miocene Saucesian Stage		
24027	early Miocene Saucesian Stage		
24028	early Miocene Saucesian Stage		
24029	early Miocene Saucesian Stage		
24030	early Miocene Saucesian Stage		
24031	early Miocene Saucesian Stage		
24032	early Miocene lower Relizian stage		
24033	early Miocene lower Relizian stage		
24034	early Miocene lower Relizian stage		
24035	early Miocene lower Relizian stage		
24036	early Miocene lower Relizian stage		
24037	early Miocene lower Relizian stage		
24038	early Miocene lower Relizian stage		
24039	early Miocene lower Relizian stage		
24040	early Miocene lower Relizian stage		
24041	early Miocene lower Relizian stage		
24042	early Miocene lower Relizian stage		
24043	early Miocene lower Relizian stage		
24044	early Miocene lower Relizian stage		
24045	early Miocene lower Relizian stage		
24046	early Miocene lower Relizian stage		
24047	early Miocene lower Relizian stage		
24048	early Miocene lower Relizian stage		
24049	early Miocene lower Relizian stage		
24050	early Miocene lower Relizian stage		
24051	early Miocene lower Relizian stage		
24052	early Miocene lower Relizian stage		
24053	early Miocene lower Relizian stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
24054	early Miocene lower Relizian stage		
24055	early Miocene lower Relizian stage		
24056	early Miocene lower Relizian stage		
24057	early Miocene lower Relizian stage		
24058	early Miocene lower Relizian stage		
24059	early Miocene upper Relizian stage		
24060	early Miocene upper Relizian stage		
24061	early Miocene upper Relizian stage		
24062	early Miocene upper Relizian stage		
24063	early Miocene upper Relizian stage		
24064	early Miocene upper Relizian stage		
24065	early Miocene upper Relizian stage		
24066	early Miocene upper Relizian stage		
24067	early Miocene upper Relizian stage		
24068	early Miocene upper Relizian stage		
24069	early Miocene upper Relizian stage		
24070	Late Cretaceous F-2 Zone		
24071	Late Cretaceous F Zone		
24072	Oligocene Zemorrian Stage		
24073	Oligocene Zemorrian Stage		
24074	Oligocene Zemorrian Stage		
24075	early Miocene Saucesian Stage		
24076	early Miocene Saucesian Stage		
24077	early Miocene Saucesian Stage		
24078	early Miocene Saucesian Stage		
24079	early Miocene Saucesian Stage		
24080	early Miocene Saucesian Stage		
24081	early Miocene Saucesian Stage		
24082	early Miocene Saucesian Stage		
24083	early Miocene Saucesian Stage		
24084	early Miocene Saucesian Stage		
24085	early Miocene Saucesian Stage		
24086	early Miocene Saucesian Stage		
24087	early Miocene Saucesian Stage		
24088	early Miocene Saucesian Stage		
24089	early Miocene Saucesian Stage		
24090	early Miocene Saucesian Stage		
24091	early Miocene Saucesian Stage		
24092	early Miocene Saucesian Stage		
24093	early Miocene Saucesian Stage		
24094	early Miocene Saucesian Stage		
24095	early Miocene Saucesian Stage		
24096	early Miocene Saucesian Stage		
24097	early Miocene Saucesian Stage		
24098	Oligocene Zemorrian Stage		
24099	early Miocene Saucesian Stage		
24100	early Miocene Saucesian Stage		
24101	early Miocene Saucesian Stage		
24102	Oligocene Zemorrian Stage		
24103	Oligocene Zemorrian Stage		
24104	Oligocene Zemorrian Stage		
24105	Oligocene Zemorrian Stage		
24106	Oligocene Zemorrian Stage		
24107	Oligocene Zemorrian Stage		
24108	Oligocene Zemorrian Stage		
24109	early Miocene Saucesian Stage		
24110	early Miocene Saucesian Stage		
24111	early Miocene Saucesian Stage		
24112	early Miocene Saucesian Stage		
24113	early Miocene Saucesian Stage		
24114	early Miocene Saucesian Stage		
24115	early Miocene Saucesian Stage		
24116	early Miocene Saucesian Stage		
24117	early Miocene Saucesian Stage		
24118	early Miocene Saucesian Stage		
24119	early Miocene Saucesian Stage		
24120	early Miocene Saucesian Stage		
24121	early Miocene Saucesian Stage		
24122	early Miocene Saucesian Stage		
24123	early Miocene Saucesian Stage		
24124	early Miocene Saucesian Stage		
24125	early Miocene Saucesian Stage		
24126	early Miocene Saucesian Stage		
24127	early Miocene Saucesian Stage		

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1	ZONE/STAGE/SERIES/AGE		
24128	early Miocene Saucesian Stage		
24129	early Miocene Saucesian Stage		
24130	early Miocene Saucesian Stage		
24131	early Miocene Saucesian Stage		
24132	early Miocene Saucesian Stage		
24133	early Miocene Saucesian Stage		
24134	early Miocene Saucesian Stage		
24135	early Miocene Saucesian Stage		
24136	early Miocene Saucesian Stage		
24137	early Miocene Saucesian Stage		
24138	early Miocene Saucesian Stage		
24139	early Miocene Saucesian Stage		
24140	early Miocene Saucesian Stage		
24141	early Miocene Saucesian Stage		
24142	early Miocene Saucesian Stage		
24143	early Miocene upper Relizian Stage		
24144	early Miocene upper Relizian Stage		
24145	early Miocene upper Relizian Stage		
24146	early Miocene upper Relizian Stage		
24147	early Miocene upper Relizian Stage		
24148	early Miocene upper Relizian Stage		
24149	middle and late Miocene lower Mohnian Stage		
24150	middle Miocene Luisian Stage		
24151	early Miocene upper Relizian Stage		
24152	early Miocene upper Relizian Stage		
24153	early Miocene lower Relizian Stage		
24154	early Miocene upper Saucesian Stage		
24155	early Miocene upper Saucesian Stage		
24156	early Miocene upper Saucesian Stage		
24157	early Miocene upper Saucesian Stage		
24158	early Miocene upper Saucesian Stage		
24159	early Miocene upper Saucesian Stage		
24160	early Miocene upper Saucesian Stage		
24161	early Miocene upper Saucesian Stage		
24162	early Miocene upper Saucesian Stage		
24163	early Miocene upper Saucesian Stage		
24164	early Miocene upper Saucesian Stage		
24165	early Miocene upper Saucesian Stage		
24166	early Miocene upper Saucesian Stage		
24167	early Miocene upper Saucesian Stage		
24168	early Miocene upper Saucesian Stage		
24169	early Miocene upper Saucesian Stage		
24170	early Miocene upper Saucesian Stage		
24171	early Miocene upper Saucesian Stage		
24172	early Miocene lower Saucesian Stage		
24173	early Miocene lower Saucesian Stage		
24174	early Miocene lower Saucesian Stage		
24175	early Miocene lower Saucesian Stage		
24176	early Miocene lower Saucesian Stage		
24177	early Miocene lower Saucesian Stage		
24178	early Miocene lower Saucesian Stage		
24179	early Miocene lower Saucesian Stage		
24180	early Miocene lower Saucesian Stage		
24181	early Miocene lower Saucesian Stage		
24182	Late Cretaceous F or G Zone		
24183	Late Cretaceous or Paleocene		
24184	Late Cretaceous F-1 Zone		
24185	Cretaceous		
24186	Cretaceous		
24187	early Miocene Saucesian Stage		
24188	middle Miocene Luisian Stage		
24189	middle? Miocene		
24190	early Miocene upper Saucesian Stage		
24191	early Miocene Saucesian Stage		
24192	early or middle Miocene		
24193	early Miocene Saucesian Stage		
24194	early Miocene Saucesian Stage		
24195	early or middle Miocene		
24196	early or middle Miocene		
24197	Miocene or Pliocene		
24198	Jurassic or Cretaceous		
24199	Paleocene E? Zone		
24200	Paleocene E Zone		
24201	Paleocene or Eocene		

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1	ZONE/STAGE/SERIES/AGE		
24202	Paleocene E Zone		
24203	Paleocene E Zone		
24204	Miocene foraminifers and ostracods		
24205	Miocene foraminifers and ostracods		
24206	diatoms		
24207	middle Miocene		
24208	middle Miocene		
24209	early Eocene D Zone		
24210	early Eocene D Zone		
24211	early Eocene D Zone		
24212	early Eocene D Zone		
24213	early Eocene D Zone		
24214	early Eocene D Zone		
24215	early Eocene D Zone		
24216	early Eocene D Zone		
24217	Eocene or Paleocene (Meganos)		
24218	early Eocene D Zone		
24219	early Eocene D Zone		
24220	early Eocene D Zone		
24221	early Eocene D Zone		
24222	Eocene or Paleocene (Meganos)		
24223	Cretaceous or Paleocene		
24224	middle Miocene		
24225	Pliocene		
24226	Pliocene		
24227	Pliocene		
24228	reworked Cretaceous and Miocene foraminifers		
24229	Pliocene		
24230	Pliocene		
24231	Pliocene		
24232	Pliocene		
24233	Pliocene		
24234	Pliocene		
24235	late Miocene		
24236	late Miocene		
24237	middle and late Miocene upper Mohnian Stage		
24238	middle and late Miocene upper Mohnian Stage		
24239	middle and late Miocene upper Mohnian Stage		
24240	middle and late Miocene upper Mohnian Stage		
24241	Pliocene		
24242	Pliocene		
24243	Pliocene		
24244	middle Miocene		
24245	early Miocene Saucesian Stage		
24246	middle Miocene		
24247	early Miocene Saucesian Stage		
24248	early Miocene Relizian? Stage		
24249	middle Miocene lower Luisian Stage		
24250	middle Miocene Luisian Stage		
24251	early Miocene Relizian Stage		
24252	early Miocene Relizian Stage		
24253	early or middle Miocene		
24254	early Miocene Relizian or middle Miocene Luisian Stage		
24255	early Miocene Relizian or middle Miocene Luisian Stage		
24256	Pliocene		
24257	Pliocene		
24258	early Miocene Relizian Stage		
24259	early Miocene Relizian Stage		
24260	early Miocene Relizian Stage		
24261	middle Miocene Luisian Stage		
24262	middle Miocene Luisian Stage		
24263	early Miocene Relizian Stage		
24264	early Miocene Relizian Stage		
24265	early Miocene Relizian Stage		
24266	early Miocene Relizian Stage		
24267	early Miocene Relizian Stage		
24268	early Miocene Relizian? Stage		
24269	early Miocene Relizian? Stage		
24270	early Miocene Relizian? Stage		
24271	early Miocene Relizian Stage		
24272	early Miocene Relizian Stage		
24273	early Miocene Relizian Stage		
24274	early Miocene Relizian Stage		
24275	early Miocene Relizian Stage		

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1	ZONE/STAGE/SERIES/AGE		
24276	early Miocene Relizian Stage		
24277	middle and late Miocene upper? Mohnian Stage		
24278	early Miocene Relizian Stage		
24279	middle and late Miocene upper? Mohnian Stage		
24280	middle and late Miocene upper? Mohnian Stage		
24281	Early Miocene Relizian Stage		
24282	middle Miocene Luisian Stage		
24283	middle Miocene Luisian Stage		
24284	middle Miocene Luisian Stage		
24285	Cretaceous arenaceous foraminifers		
24286	Cretaceous arenaceous foraminifers		
24287	Cretaceous arenaceous foraminifers		
24288	Cretaceous arenaceous foraminifers		
24289	Cretaceous arenaceous foraminifers		
24290	Cretaceous arenaceous foraminifers		
24291	Cretaceous arenaceous foraminifers		
24292	early Miocene Saucesian Stage		
24293	early Miocene Saucesian Stage		
24294	early Miocene Saucesian Stage		
24295	early Miocene Relizian Stage		
24296	early Miocene Relizian Stage		
24297	early Miocene Relizian or middle Miocene Luisian Stage		
24298	early Miocene Relizian or middle Miocene Luisian Stage		
24299	early Miocene Relizian Stage		
24300	middle Miocene Luisian Stage		
24301	middle Miocene Luisian Stage		
24302	early Miocene Saucesian Stage		
24303	early Miocene lower Relizian Stage		
24304	early Miocene Relizian Stage		
24305	early Miocene Relizian Stage		
24306	early Miocene Relizian or middle Miocene Luisian Stage		
24307	early Miocene Saucesian Stage		
24308	early Miocene Saucesian Stage		
24309	early Miocene Relizian Stage		
24310	early Miocene Relizian? Stage		
24311	early Miocene Relizian or middle Miocene Luisian Stage		
24312	early Miocene Relizian? Stage megafossils		
24313	shallow water Miocene		
24314	shallow water Miocene		
24315	early Miocene Relizian? Stage		
24316	middle? Miocene		
24317	middle? Miocene		
24318	early Miocene Saucesian Stage		
24319	Oligocene Zemorrian Stage		
24320	middle Miocene Luisian Stage		
24321	middle Miocene Luisian Stage		
24322	middle Miocene Luisian Stage		
24323	middle Miocene Luisian Stage		
24324	middle Miocene Luisian Stage		
24325	Oligocene Zemorrian Stage		
24326	Oligocene Zemorrian Stage		
24327	Oligocene Zemorrian Stage		
24328	Oligocene Zemorrian Stage		
24329	middle Miocene Luisian Stage		
24330	middle Miocene Luisian Stage		
24331	early Miocene Saucesian Stage		
24332	middle Miocene Luisian Stage		
24333	early Miocene Saucesian or Relizian Stage		
24334	middle Miocene Luisian Stage		
24335	Miocene		
24336	Late Cretaceous arenaceous foraminifers		
24337	early Miocene lower Relizian Stage		
24338	early Miocene lower Relizian Stage		
24339	early Miocene lower Relizian Stage		
24340	early Miocene upper Saucesian Stage		
24341	early Miocene upper Saucesian Stage		
24342	early Miocene upper Saucesian Stage		
24343	early Miocene upper Saucesian Stage		
24344	early Miocene Saucesian? Stage		
24345	early Miocene Saucesian Stage		
24346	early Miocene Saucesian Stage or Relizian Stage		
24347	early Miocene Relizian? Stage		
24348	early Miocene Saucesian? Stage		
24349	early Miocene Saucesian Stage		

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1	ZONE/STAGE/SERIES/AGE		
24350	early Miocene upper Saucesian Stage		
24351	early Miocene Saucesian Stage		
24352	early Miocene Saucesian Stage		
24353	early Miocene Saucesian Stage		
24354	early Miocene Saucesian Stage		
24355	Pliocene		
24356	Pliocene		
24357	Late Cretaceous or Paleocene		
24358	Pliocene		
24359	Pliocene		
24360	Pliocene		
24361	Late Cretaceous or Paleocene		
24362	Pliocene		
24363	Late Cretaceous or Paleocene		
24364	Pliocene?		
24365	Pliocene		
24366	Pliocene with reworked Miocene foraminifers		
24367	Pliocene with reworked Miocene foraminifers		
24368	Pliocene?		
24369	Pliocene		
24370	Pliocene		
24371	Pliocene and reworked Miocene		
24372	Pliocene		
24373	Pliocene with reworked Miocene foraminifers		
24374	Pliocene and reworked Miocene		
24375	Pliocene		
24376	Late Cretaceous or Paleocene		
24377	Pliocene		
24378	Pliocene		
24379	Pliocene with reworked Miocene foraminifers		
24380	Pliocene		
24381	Pliocene		
24382	Pliocene		
24383	Pliocene		
24384	Pliocene		
24385	Pliocene		
24386	Pliocene		
24387	Pliocene		
24388	Pliocene		
24389	Pliocene		
24390	Pliocene		
24391	Pliocene		
24392	Pliocene		
24393	Pliocene		
24394	Pliocene		
24395	Pliocene		
24396	Pliocene		
24397	Pliocene		
24398	Pliocene		
24399	Pliocene		
24400	Pliocene		
24401	Pliocene		
24402	Pliocene		
24403	Pliocene		
24404	Pliocene		
24405	Pliocene		
24406	Pliocene		
24407	possibly Paleocene		
24408	possibly Paleocene		
24409	probably Late Cretaceous E Zone		
24410	Cretaceous arenaceous foraminifers		
24411	Early Cretaceous J-1 Zone		
24412	Cretaceous arenaceous foraminifers		
24413	Early Cretaceous J-1 Zone		
24414	Cretaceous arenaceous foraminifers		
24415	Late Cretaceous I Zone		
24416	early Eocene B-1 Zone		
24417	Cretaceous or Paleocene		
24418	Late Cretaceous C or D Zone		
24419	Late Cretaceous C or D Zone		
24420	Late Cretaceous D or E Zone		
24421	Late Cretaceous D or E Zone		
24422	Late Cretaceous E Zone		
24423	Late Cretaceous F Zone		

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1	**ZONE/STAGE/SERIES/AGE**		
24424	Late Cretaceous F-1 Zone		
24425	Late Cretaceous H Zone or older		
24426	Late Cretaceous H Zone or older		
24427	Late Cretaceous H Zone or older		
24428	Late Cretaceous H Zone or older		
24429	Late Cretaceous H Zone or older		
24430	Late Cretaceous H Zone or older		
24431	Late Cretaceous F Zone		
24432	Late Cretaceous E or G Zone		
24433	early Eocene B-1 Zone		
24434	middle Eocene B-1 Zone		
24435	early Eocene B-1 Zone		
24436	Late Cretaceous C or D Zone		
24437	early Eocene B-1 Zone		
24438	early Eocene D Zone		
24439	early Eocene B-1 Zone		
24440	Early Cretaceous arenaceous foraminifers		
24441	early Eocene D Zone		
24442	Late Cretaceous E or G Zone		
24443	early Eocene B-1 Zone		
24444	late Paleocene E or early Eocene D Zone		
24445	Late Cretaceous F Zone		
24446	Late Cretaceous E, F, or G Zone		
24447	Eocene or Paleocene		
24448	Late Cretaceous C or D Zone		
24449	Late Cretaceous F-1 or G-1 Zone		
24450	Late Cretaceous F or G-1 Zone		
24451	late Paleocene E Zone		
24452	Late Cretaceous arenaceous foraminifers		
24453	Late Cretaceous D-2 or E Zone		
24454	Late Cretaceous E to G-1 Zone		
24455	Late Cretaceous E or G-1 Zone		
24456	Eocene		
24457	early Eocene D Zone		
24458	early Eocene D Zone		
24459	late Eocene		
24460	Late Cretaceous E Zone		
24461	Late Cretaceous E Zone		
24462	Late Cretaceous E Zone		
24463	Late Cretaceous E Zone		
24464	Late Cretaceous E Zone		
24465	Late Cretaceous E Zone		
24466	Late Cretaceous E Zone		
24467	Late Cretaceous E Zone		
24468	Late Cretaceous E Zone		
24469	Late Cretaceous E Zone		
24470	Late Cretaceous E Zone		
24471	Late Cretaceous E Zone		
24472	Late Cretaceous E Zone		
24473	Late Cretaceous E Zone		
24474	Late Cretaceous E Zone		
24475	Late Cretaceous E Zone		
24476	Late Cretaceous E Zone		
24477	Late Cretaceous E Zone		
24478	Late Cretaceous E Zone		
24479	Late Cretaceous E Zone		
24480	Late Cretaceous E Zone		
24481	Late Cretaceous E Zone		
24482	Late Cretaceous E Zone		
24483	Late Cretaceous F-1 Zone		
24484	Late Cretaceous F-1 Zone		
24485	Late Cretaceous F-1 Zone		
24486	Late Cretaceous F-1 Zone		
24487	Late Cretaceous F-1 Zone		
24488	Late Cretaceous F-1 Zone		
24489	Late Cretaceous E Zone		
24490	Late Cretaceous F-1 Zone		
24491	Late Cretaceous F-1 Zone		
24492	Late Cretaceous F-1 Zone		
24493	Late Cretaceous F-1 Zone		
24494	Late Cretaceous F-1 Zone		
24495	Late Cretaceous F-1 Zone		
24496	Late Cretaceous E Zone		
24497	Late Cretaceous E Zone		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
24498	Late Cretaceous E Zone		
24499	Late Cretaceous G-2 Zone		
24500	Late Cretaceous G-2 Zone		
24501	Late Cretaceous G-2 Zone		
24502	Late Cretaceous G-2 Zone		
24503	Late Cretaceous G-2 Zone		
24504	Late Cretaceous G-2 Zone		
24505	Late Cretaceous G-2 Zone		
24506	Late Cretaceous G-2 Zone		
24507	Late Cretaceous G-2 Zone		
24508	Late Cretaceous G-2 Zone		
24509	Late Cretaceous G-2 Zone		
24510	Late Cretaceous G-2 Zone		
24511	Late Cretaceous G-2 Zone		
24512	Late Cretaceous G-2 Zone		
24513	Late Cretaceous G-1 Zone		
24514	Late Cretaceous G-1 Zone		
24515	Late Cretaceous G-1 Zone		
24516	Late Cretaceous arenaceous foraminifers		
24517	Late Cretaceous arenaceous foraminifers		
24518	Late Cretaceous arenaceous foraminifers		
24519	Late Cretaceous F-2 Zone		
24520	Late Cretaceous F-2 Zone		
24521	Late Cretaceous F-2 Zone		
24522	Late Cretaceous F-2 Zone		
24523	Late Cretaceous F-2 Zone		
24524	Late Cretaceous F-2 Zone		
24525	Late Cretaceous F-2 Zone		
24526	Late Cretaceous F-2 Zone		
24527	Late Cretaceous F-2 Zone		
24528	Late Cretaceous F-2 Zone		
24529	Late Cretaceous F-2 Zone		
24530	Early or Late Cretaceous J Zone		
24531	Early or Late Cretaceous J Zone		
24532	Early or Late Cretaceous J Zone		
24533	Early Cretaceous J-2 Zone		
24534	Late Cretaceousaceoous J-1 Zone		
24535	Late Cretaceousaceoous J-1 Zone		
24536	Early Cretaceous J-1 or J-2 Zone		
24537	Cretaceous arenaceous foraminifers		
24538	Cretaceous arenaceous foraminifers		
24539	Cretaceous arenaceous foraminifers		
24540	Cretaceous arenaceous foraminifers		
24541	Cretaceous arenaceous foraminifers		
24542	Late Cretaceous I Zone		
24543	Late Cretaceous I Zone		
24544	Cretaceous arenaceous foraminifers		
24545	Cretaceous arenaceous foraminifers		
24546	Cretaceous arenaceous foraminifers		
24547	Cretaceous arenaceous foraminifers		
24548	Cretaceous arenaceous foraminifers		
24549	Cretaceous arenaceous foraminifers		
24550	Cretaceous arenaceous foraminifers		
24551	Cretaceous arenaceous foraminifers		
24552	probably Late Cretaceous H Zone		
24553	Early Cretaceous J Zone		
24554	Early Cretaceous J-1 Zone		
24555	Early Cretaceous J-1 Zone		
24556	Early Cretaceous J-1 Zone		
24557	Late Cretaceous E Zone		
24558	Late Cretaceous E Zone		
24559	Late Cretaceous E or F Zone		
24560	Late Cretaceous F Zone		
24561	Late Cretaceous F-2 Zone		
24562	Late Cretaceous F or G Zone		
24563	Late Cretaceous G-1 Zone		
24564	Late Cretaceous G Zone		
24565	Late Cretaceous G-2 Zone		
24566	Late Cretaceous G-2 Zone		
24567	Late Cretaceous H Zone		
24568	Late Cretaceous H Zone		
24569	Late Cretaceous H Zone		
24570	Late Cretaceous H or I Zone		
24571	Late Cretaceous arenaceous foraminifers		

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1	ZONE/STAGE/SERIES/AGE		
24572	Late Cretaceous G-2 Zone		
24573	Late Cretaceous arenaceous foraminifers		
24574	Late Cretaceous G1 Zone		
24575	Late Cretaceous G Zone		
24576	probably Late Cretaceous G-1 Zone		
24577	probably Late Cretaceous G-1 Zone		
24578	probably Late Cretaceous G-1 Zone		
24579	probably Late Cretaceous G-1 Zone		
24580	probably Late Cretaceous F-2 Zone		
24581	early Miocene Relizian Stage		
24582	early Miocene upper? Relizian Stage		
24583	early Miocene Relizian or middle Miocene Luisian Stage		
24584	middle Miocene		
24585	early or middle Miocene		
24586	Late Cretaceous F-2 Zone		
24587	Late Cretaceous G-2 Zone		
24588	Late Cretaceous F-2 Zone		
24589	Late Cretaceous G-2 Zone		
24590	probably Late Cretaceous G-2 Zone		
24591	Late Cretaceous F-2 Zone		
24592	Late Cretaceous F-2 Zone		
24593	Late Cretaceous F-2 Zone		
24594	Late Cretaceous F-2 Zone		
24595	Late Cretaceous F-2 Zone		
24596	Late Cretaceous F-2 Zone		
24597	Late Cretaceous arenaceous foraminifers		
24598	Late Cretaceous F-2 Zone		
24599	Late Cretaceous F-2 Zone		
24600	Late Cretaceous F-2 Zone		
24601	Late Cretaceous F-2 Zone		
24602	Late Cretaceous F-2 Zone		
24603	Late Cretaceous F-2 or G-1 Zone		
24604	Late Cretaceous F-2 Zone		
24605	Late Cretaceous F-2 Zone		
24606	Late Cretaceous F-2 or E Zone		
24607	Late Cretaceous F-2 Zone		
24608	Late Cretaceous F-2 or E Zone		
24609	Late Cretaceous F-2 Zone		
24610	Late Cretaceous F-2 Zone		
24611	Late Cretaceous F-2 Zone		
24612	Late Cretaceous F-2 Zone		
24613	Late Cretaceous F or G Zone		
24614	Late Cretaceous F or G Zone		
24615	Late Cretaceous F-2 Zone		
24616	Late Cretaceous F-2 Zone		
24617	Late Cretaceous F or G Zone		
24618	Late Cretaceous F-2 Zone		
24619	Late Cretaceous F-2 Zone		
24620	Late Cretaceous F-2 Zone		
24621	Late Cretaceous F-2 Zone		
24622	Late Cretaceous F-2 Zone		
24623	Late Cretaceous F or G Zone		
24624	Late Cretaceous F-2 Zone		
24625	Late Cretaceous F-2 Zone		
24626	Late Cretaceous F-2 Zone		
24627	Late Cretaceous F-2 Zone		
24628	Late Cretaceous F-2 Zone		
24629	Late Cretaceous F-2 Zone		
24630	Late Cretaceous F-2 Zone		
24631	Late Cretaceous F-2 Zone		
24632	Late Cretaceous F-2 Zone		
24633	Late Cretaceous F-2 Zone		
24634	Late Cretaceous F-2 Zone		
24635	Late Cretaceous F-2 Zone		
24636	Late Cretaceous F-2 Zone		
24637	Late Cretaceous F-2 Zone		
24638	Late Cretaceous F-2 Zone		
24639	Late Cretaceous F-2 Zone		
24640	Late Cretaceous F-2 Zone		
24641	Late Cretaceous F-2 Zone		
24642	Late Cretaceous F-2 Zone		
24643	Late Cretaceous arenaceous foraminifers		
24644	Late Cretaceous F-2 Zone		
24645	Late Cretaceous F-2 Zone		

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1	ZONE/STAGE/SERIES/AGE		
24646	Late Cretaceous F-2 Zone		
24647	Late Cretaceous E Zone		
24648	Late Cretaceous E Zone		
24649	Late Cretaceous H Zone		
24650	Late Cretaceous G Zone		
24651	Late Cretaceous G Zone		
24652	Late Cretaceous G Zone		
24653	Late Cretaceous G-1? Zone		
24654	Late Cretaceous G-1? Zone		
24655	Late Cretaceous G-2? Zone		
24656	Late Cretaceous F-2 or G-2 Zone		
24657	Late Cretaceous F-2 or G-1 Zone		
24658	Late Cretaceous F-2 or G-1 Zone		
24659	Late Cretaceous F-2 or G-1 Zone		
24660	Late Cretaceous F-2 or G-1 Zone		
24661	Late Cretaceous F-2 or G-1 Zone		
24662	Late Cretaceous F-2 or G-1 Zone		
24663	Late Cretaceous F-2 or G-1 Zone		
24664	Late Cretaceous G-2 Zone		
24665	Late Cretaceous G-2 Zone		
24666	Late Cretaceous F-2 or G-1 Zone		
24667	Late Cretaceous G-2 Zone or older		
24668	Late Cretaceous G-2 Zone or older		
24669	Late Cretaceous G-1 Zone		
24670	older than Late Cretaceous G-1 Zone		
24671	Early Cretaceous arenaceous foraminifers		
24672	Early Cretaceous arenaceous foraminifers		
24673	Early Cretaceous arenaceous foraminifers		
24674	Early Cretaceous arenaceous foraminifers		
24675	Early Cretaceous arenaceous foraminifers		
24676	Late Jurassic M Zone		
24677	Late Jurassic M Zone		
24678	Cretaceous arenaceous foraminifers		
24679	Cretaceous arenaceous foraminifers		
24680	Cretaceous arenaceous foraminifers		
24681	Cretaceous arenaceous foraminifers		
24682	Cretaceous arenaceous foraminifers		
24683	Late Cretaceous H Zone		
24684	Late Cretaceous H Zone		
24685	probably late Paleocene E Zone		
24686	Late Cretaceous H Zone		
24687	Late Cretaceous H Zone		
24688	early Eocene B Zone		
24689	Cretaceous arenaceous foraminifers		
24690	Cretaceous arenaceous foraminifers		
24691	Cretaceous arenaceous foraminifers		
24692	Cretaceous or Paleocene		
24693	Cretaceous arenaceous foraminifers		
24694	Cretaceous arenaceous foraminifers		
24695	Eocene		
24696	possibly late Paleocene E Zone		
24697	older than Late Crtetaceous H Zone		
24698	older than Late Crtetaceous H Zone		
24699	older than Late Crtetaceous H Zone		
24700	Late Cretaceous I or J-1 Zone		
24701	Early Cretaceous J-1 Zone		
24702	early Eocene B Zone		
24703	early Eocene B Zone		
24704	Eocene		
24705	Eocene		
24706	Cretaceous arenaceous foraminifers		
24707	Cretaceous arenaceous foraminifers		
24708	Cretaceous arenaceous foraminifers		
24709	Cretaceous arenaceous foraminifers		
24710	Cretaceous arenaceous foraminifers		
24711	late Eocene		
24712	Eocene		
24713	Eocene		
24714	Eocene		
24715	late? Eocene		
24716	Eocene		
24717	Eocene?		
24718	Eocene?		
24719	early Eocene B-4 or C Zone		

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1	ZONE/STAGE/SERIES/AGE		
24720	Eocene		
24721	Eocene		
24722	possibly Eocene B Zone		
24723	possibly Eocene B Zone		
24724	early Eocene C Zone		
24725	Late Jurassic		
24726	Late Jurassic		
24727	Late Jurassic		
24728	Late Jurassic		
24729	Early Cretaceous Valanginian Stage		
24730	Early Cretaceous arenaceous foraminifers		
24731	Early Cretaceous arenaceous foraminifers		
24732	Early Cretaceous Hauterivian Stage		
24733	Early Cretaceous arenaceous foraminifers		
24734	Early Cretaceous Aptian Stage		
24735	Early Cretaceous Aptian Stage		
24736	Early Cretaceous Aptian Stage		
24737	Early Cretaceous Aptian Stage		
24738	Early Cretaceous Aptian Stage		
24739	Early Cretaceous Aptian Stage		
24740	Early Cretaceous arenaceous foraminifers		
24741	Early Cretaceous arenaceous foraminifers		
24742	Early Cretaceous arenaceous foraminifers		
24743	Early Cretaceous Aptian Stage		
24744	Early Cretaceous arenaceous foraminifers		
24745	Early Cretaceous Aptian Stage		
24746	Early Cretaceous Aptian Stage		
24747	Early Cretaceous arenaceous foraminifers		
24748	Early Cretaceous Aptian Stage		
24749	Early Cretaceous Aptian Stage		
24750	Early Cretaceous Aptian Stage		
24751	Early Cretaceous Aptian Stage		
24752	Early Cretaceous Aptian Stage		
24753	Early Cretaceous Aptian Stage		
24754	Early Cretaceous Aptian Stage		
24755	Early Cretaceous Aptian Stage		
24756	Early Cretaceous Aptian Stage		
24757	Early Cretaceous Aptian Stage		
24758	Early Cretaceous Aptian Stage		
24759	Early Cretaceous Aptian Stage		
24760	Early Cretaceous Aptian Stage		
24761	Early Cretaceous Aptian Stage		
24762	Early Cretaceous Aptian Stage		
24763	Early Cretaceous Aptian Stage		
24764	Early Cretaceous Aptian Stage		
24765	Early Cretaceous Aptian Stage		
24766	Early Cretaceous Aptian Stage		
24767	Early Cretaceous Aptian Stage		
24768	Early Cretaceous Aptian Stage		
24769	Early Cretaceous Aptian Stage		
24770	Early Cretaceous Aptian Stage		
24771	Early Cretaceous Aptian Stage		
24772	Early Cretaceous Aptian Stage		
24773	Early Cretaceous Aptian Stage		
24774	Early Cretaceous Aptian Stage		
24775	Early Cretaceous Aptian Stage		
24776	Early Cretaceous Aptian Stage		
24777	Early Cretaceous Aptian Stage		
24778	Early Cretaceous Albian Stage		
24779	Early Cretaceous Albian Stage		
24780	Early Cretaceous Albian Stage		
24781	Late Cretaceous F Zone		
24782	Late Cretaceous F Zone		
24783	Late Cretaceous F Zone		
24784	Late Cretaceous F Zone		
24785	Late Cretaceous F Zone		
24786	Pliocene		
24787	late? Eocene		
24788	middle? Eocene		
24789	middle Eocene A-2 Zone		
24790	Late Cretaceous G? Zone		
24791	Late Cretaceous G? Zone		
24792	late? Miocene		
24793	late Miocene		

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1	ZONE/STAGE/SERIES/AGE		
24794	late Miocene		
24795	late? Miocene		
24796	late Paleocene E Zone		
24797	late Paleocene E Zone		
24798	late Eocene		
24799	Eocene		
24800	Eocene?		
24801	Early Cretaceous J Zone		
24802	Early Cretaceous J Zone		
24803	late Paleocene E Zone		
24804	late Paleocene E Zone		
24805	late Paleocene E Zone		
24806	late Paleocene E Zone		
24807	Eocene		
24808	late Paleocene E Zone		
24809	Late Cretaceous or Paleocene		
24810	Late Cretaceous C or D-1 Zone		
24811	Late Cretaceous F-2 Zone		
24812	late Paleocene E Zone		
24813	late Paleocene E Zone		
24814	middle Eocene A Zone		
24815	Late Cretaceoous F-2 Zone		
24816	Late Cretaceoous F-2 Zone		
24817	Late Cretaceoous F-2 Zone		
24818	Late Cretaceous F-2 Zone		
24819	Cretaceous		
24820	Cretaceous		
24821	Late Cretaceous F-2 Zone		
24822	Eocene		
24823	Eocene		
24824	middle Eocene		
24825	early Miocene Relizian Stage		
24826	early Miocene		
24827	middle and late Miocene		
24828	early Miocene		
24829	early Miocene		
24830	early Miocene		
24831	early Miocene		
24832	early Miocene		
24833	early Miocene		
24834	early Miocene		
24835	early or middle Miocene		
24836	early or middle Miocene		
24837	early or middle Miocene		
24838	early Miocene		
24839	middle Miocene Luisian Stage		
24840	middle Miocene Luisian Stage		
24841	early or middle Miocene		
24842	early Miocene		
24843	middle and late Miocene		
24844	early Miocene		
24845	early Miocene		
24846	Oligocene?		
24847	early Miocene		
24848	early Miocene		
24849	Miocene		
24850	Oligocene Zemorrian Stage		
24851	Miocene		
24852	early Miocene		
24853	early Miocene		
24854	early Miocene		
24855	Miocene		
24856	early Miocene		
24857	late Eocene		
24858	middle Eocene A Zone		
24859	early Miocene		
24860	early Miocene		
24861	Oligocene Zemorrian Stage		
24862	early Miocene		
24863	early Miocene		
24864	early Miocene		
24865	early Miocene		
24866	early Miocene		
24867	early Miocene		

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1	ZONE/STAGE/SERIES/AGE		
24868	early Miocene		
24869	early Miocene		
24870	early Miocene		
24871	early Miocene		
24872	early Miocene		
24873	early Miocene		
24874	early Miocene		
24875	early Miocene		
24876	early Miocene		
24877	early Miocene		
24878	early Miocene		
24879	early Miocene		
24880	early Miocene		
24881	early Miocene		
24882	early Miocene		
24883	early or middle Eocene NP		
24884	middle Eocene NP		
24885	Oligocene NP		
24886	early Miocene		
24887	Oligocene Zemorrian Stage		
24888	Oligocene NP		
24889	Oligocene NP		
24890	Eocene		
24891	Eocene		
24892	Eocene		
24893	Eocene		
24894	Eocene		
24895	Eocene		
24896	Eocene		
24897	Eocene		
24898	Eocene		
24899	Eocene		
24900	Pleistocene		
24901	possibly middle Miocene		
24902	possibly middle Miocene		
24903	Pliocene or Pleistocene		
24904	Pliocene or Pleistocene		
24905	Pliocene or Pleistocene		
24906	Pliocene or Pleistocene		
24907	Pliocene or Pleistocene		
24908	Pliocene or Pleistocene		
24909	Pliocene or Pleistocene		
24910	Pliocene or Pleistocene		
24911	late Miocene Delmontian Stage		
24912	late Miocene Delmontian Stage		
24913	arenaceous foraminifers		
24914	Eocene pollen and NP		
24915	arenaceous foraminifers		
24916	middle or late Eocene		
24917	Cretaceous and Paleocene pollen		
24918	arenaceous foraminifers		
24919	arenaceous foraminifers		
24920	early Eocene NP		
24921	Late Cretaceous or Paleocene		
24922	Oligocene upper? Zemorrian Stage		
24923	arenaceous foraminifers		
24924	arenaceous foraminifers		
24925	arenaceous foraminifers		
24926	arenaceous foraminifers		
24927	arenaceous foraminifers		
24928	arenaceous foraminifers		
24929	Oligocene Zemorrian or early Miocene Saucesian Stage		
24930	arenaceous foraminifers		
24931	arenaceous foraminifers		
24932	arenaceous foraminifers		
24933	arenaceous foraminifers		
24934	arenaceous foraminifers		
24935	late Paleocene E zone		
24936	late Paleocene E zone		
24937	late Paleocene E zone		
24938	late Paleocene E zone		
24939	late Paleocene E zone		
24940	early Eocene D zone		
24941	Eocene		

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1	ZONE/STAGE/SERIES/AGE		
24942	Eocene		
24943	Eocene		
24944	Eocene		
24945	Eocene		
24946	Eocene		
24947	Eocene		
24948	Eocene		
24949	Eocene		
24950	early Eocene		
24951	Eocene		
24952	Eocene		
24953	Eocene		
24954	Oligocene Zemorrian Stage		
24955	Oligocene Zemorrian Stage		
24956	Oligocene Zemorrian Stage		
24957	Oligocene Zemorrian Stage		
24958	middle Eocene		
24959	middle Eocene		
24960	middle Eocene		
24961	middle Eocene		
24962	middle Eocene		
24963	middle Eocene		
24964	middle Eocene		
24965	middle Eocene		
24966	early Eocene		
24967	early Eocene		
24968	early Eocene		
24969	early Eocene		
24970	early Eocene		
24971	early Eocene		
24972	middle Miocene		
24973	middle Miocene		
24974	middle Miocene		
24975	middle Miocene		
24976	middle Miocene		
24977	middle Miocene		
24978	middle Miocene		
24979	middle Miocene		
24980	middle Miocene		
24981	middle Miocene		
24982	middle Miocene		
24983	middle Miocene		
24984	middle Miocene		
24985	middle Miocene		
24986	middle Miocene		
24987	middle Miocene		
24988	middle Miocene		
24989	middle Miocene		
24990	late Miocene		
24991	late Miocene		
24992	late Miocene		
24993	late Miocene		
24994	late Miocene		
24995	late Miocene		
24996	late Miocene		
24997	late Miocene		
24998	late Miocene		
24999	late Miocene		
25000	late Miocene		
25001	late Miocene		
25002	late Miocene		
25003	late Miocene		
25004	late Miocene		
25005	late Miocene		
25006	late Miocene		
25007	late Miocene		
25008	late Miocene		
25009	late Miocene		
25010	middle and late Miocene ?upper Mohnian Stage		
25011	middle and late Miocene ?upper Mohnian Stage		
25012	middle and late Miocene ?upper Mohnian Stage		
25013	middle and late Miocene ?upper Mohnian Stage		
25014	middle and late Miocene		
25015	middle and late Miocene		

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1	ZONE/STAGE/SERIES/AGE		
25016	middle and late Miocene		
25017	middle and late Miocene		
25018	middle and late Miocene		
25019	middle and late Miocene		
25020	early Miocene Saucesian Stage		
25021	early or middle Miocene		
25022	early Miocene		
25023	Oligocene		
25024	Oligocene		
25025	Oligocene		
25026	Oligocene		
25027	Oligocene		
25028	Oligocene		
25029	Oligocene		
25030	Oligocene		
25031	early Miocene		
25032	late Miocene		
25033	late Miocene		
25034	early Eocene B-4 or C Zone		
25035	early Eocene B-4 or C Zone		
25036	early Eocene B-4 or C Zone		
25037	early Eocene B-4 or C Zone		
25038	early Eocene B-4 or C Zone		
25039	early Eocene B-4 or C Zone		
25040	early Eocene B-4 or C Zone		
25041	early Eocene B-4 or C Zone		
25042	early Eocene B-4 or C Zone		
25043	early Eocene B-4 or C Zone		
25044	early Eocene B-4 or C Zone		
25045	early Eocene B-4 or C Zone		
25046	early Eocene B-4 or C Zone		
25047	early Eocene B-4 or C Zone		
25048	early Eocene B-4 or C Zone		
25049	early Eocene B-4 or C Zone		
25050	early Eocene B-4 or C Zone		
25051	early Eocene B-4 or C Zone		
25052	early Eocene B-4 or C Zone		
25053	early Eocene B-4 or C Zone		
25054	early Eocene B-4 or C Zone		
25055	early Eocene B-4 or C Zone		
25056	early Eocene B-4 or C Zone		
25057	early Eocene B-4 or C Zone		
25058	early Eocene B-4 or C Zone		
25059	early Eocene B-4 or C Zone		
25060	early Eocene B-4 or C Zone		
25061	early Eocene B-4 or C Zone		
25062	early Eocene B-4 or C Zone		
25063	early Eocene B-4 or C Zone		
25064	possibly Pliocene		
25065	Cretaceous? arenaceous foraminifers		
25066	middle Miocene Luisian Stage		
25067	middle Miocene Luisian Stage		
25068	middle Miocene Luisian Stage		
25069	middle Miocene Luisian Stage		
25070	middle Miocene Luisian Stage		
25071	middle Miocene Luisian Stage		
25072	middle Miocene Luisian Stage		
25073	middle Miocene Luisian Stage		
25074	reworked Miocene foraminifers		
25075	Cretaceous? arenaceous foraminifers		
25076	Cretaceous? arenaceous foraminifers		
25077	middle Miocene Luisian Stage		
25078	middle Miocene Luisian Stage		
25079	early Miocene Relizian Stage		
25080	early Miocene Relizian Stage		
25081	early Miocene Relizian Stage		
25082	early Miocene Relizian Stage		
25083	Cretaceous arenaceous foraminifers		
25084	Cretaceous arenaceous foraminifers		
25085	probably middle Miocene		
25086	Cretaceous or Paleocene		
25087	Cretaceous or Paleocene		
25088	early Miocene Relizian Stage		
25089	early Miocene Relizian Stage		

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1	ZONE/STAGE/SERIES/AGE		
25090	Late Cretaceous or Paleocene		
25091	middle Miocene		
25092	probably Miocene		
25093	possibly late Miocene		
25094	probably late Miocene		
25095	probably late Miocene		
25096	probably late Miocene		
25097	probably late Miocene		
25098	probably late Miocene		
25099	probably late Miocene		
25100	probably late Miocene		
25101	Miocene or Pliocene		
25102	Miocene or Pliocene		
25103	Miocene or Pliocene		
25104	Miocene or Pliocene		
25105	Miocene or Pliocene		
25106	Miocene or Pliocene		
25107	Miocene or Pliocene		
25108	Miocene or Pliocene		
25109	late Miocene Delmontian Stage		
25110	probably late Miocene		
25111	probably late Miocene		
25112	probably late Miocene		
25113	probably late Miocene		
25114	possibly late Miocene		
25115	late Miocene Delmontian Stage		
25116	Miocene or Pliocene		
25117	Miocene or Pliocene		
25118	Miocene or Pliocene		
25119	Miocene or Pliocene		
25120	Miocene or Pliocene		
25121	Miocene or Pliocene		
25122	Pliocene		
25123	PseudoSaucesian facies		
25124	late Miocene Denticulopsis hustedtii Zone		
25125	late Miocene Denticulopsis hustedtii Zone		
25126	middle Miocene		
25127	middle Miocene		
25128	middle Miocene		
25129	early or middle Miocene		
25130	possibly late Miocene Delmontian Stage		
25131	possibly late Miocene Delmontian Stage		
25132	possibly late Miocene Delmontian Stage		
25133	possibly late Miocene Delmontian Stage		
25134	possibly late Miocene Delmontian Stage		
25135	late Miocene Nitzschia reinholdii Zone		
25136	late Miocene Nitzschia reinholdii Zone		
25137	late Miocene Nitzschia reinholdii Zone		
25138	Miocene or Pliocene		
25139	Pliocene		
25140	Pliocene		
25141	Pliocene		
25142	Pliocene		
25143	Miocene or Pliocene		
25144	Miocene or Pliocene		
25145	Miocene or Pliocene		
25146	Miocene or Pliocene		
25147	Miocene or Pliocene		
25148	Miocene or Pliocene		
25149	Miocene or Pliocene		
25150	Miocene or Pliocene		
25151	Miocene or Pliocene		
25152	Miocene or Pliocene		
25153	Miocene or Pliocene		
25154	late Miocene Delmontian Stage		
25155	late Miocene Delmontian Stage		
25156	middle and late Miocene Mohnian Stage		
25157	late Miocene Delmontian Stage		
25158	late Miocene Delmontian Stage		
25159	late Miocene Delmontian Stage		
25160	late Miocene Delmontian Stage		
25161	late Miocene Delmontian Stage		
25162	late Miocene Delmontian Stage		
25163	late Miocene Delmontian Stage		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
25164	late Miocene Delmontian Stage		
25165	late Miocene Delmontian Stage		
25166	Miocene or Pliocene		
25167	Miocene or Pliocene		
25168	Miocene or Pliocene		
25169	Miocene or Pliocene		
25170	Pliocene		
25171	Pliocene		
25172	late Miocene Delmontian Stage		
25173	late Miocene Delmontian Stage		
25174	Miocene or Pliocene		
25175	Miocene or Pliocene		
25176	Miocene or Pliocene		
25177	Pliocene		
25178	Miocene PseudoSaucesian "Stage"		
25179	Miocene PseudoSaucesian "Stage"		
25180	Miocene PseudoSaucesian "Stage"		
25181	Miocene PseudoSaucesian "Stage"		
25182	Miocene PseudoSaucesian "Stage"		
25183	Miocene PseudoSaucesian "Stage"		
25184	Miocene PseudoSaucesian "Stage"		
25185	Miocene PseudoSaucesian "Stage"		
25186	late Miocene		
25187	late Miocene		
25188	late Miocene		
25189	late Miocene		
25190	late Miocene		
25191	Miocene or Pliocene		
25192	Miocene or Pliocene		
25193	Miocene or Pliocene		
25194	Miocene or Pliocene		
25195	Miocene or Pliocene		
25196	late Miocene Delmontian Stage		
25197	late Miocene Delmontian Stage		
25198	late Miocene Delmontian Stage		
25199	late Miocene Delmontian Stage		
25200	late Miocene Delmontian Stage		
25201	late Miocene Delmontian Stage		
25202	late Miocene Delmontian Stage		
25203	late Miocene Delmontian Stage		
25204	Miocene PseudoSaucesian "Stage"		
25205	Miocene PseudoSaucesian "Stage"		
25206	Miocene PseudoSaucesian "Stage"		
25207	late Miocene		
25208	late Miocene Delmontian Stage		
25209	late Miocene Delmontian Stage		
25210	Miocene PseudoSaucesian "Stage"		
25211	late Miocene Delmontian Stage		
25212	late Miocene Delmontian Stage		
25213	Pliocene		
25214	Pliocene		
25215	Pliocene		
25216	Pliocene		
25217	Pliocene		
25218	Miocene or Pliocene		
25219	Miocene or Pliocene		
25220	Miocene or Pliocene		
25221	Miocene or Pliocene		
25222	Miocene or Pliocene		
25223	Late Cretaceous or Paleocene		
25224	Late Cretaceous or Paleocene		
25225	Pliocene		
25226	Pliocene		
25227	Pliocene		
25228	Miocene or Pliocene		
25229	Pliocene		
25230	Miocene or Pliocene		
25231	Paleocene or Eocene		
25232	Late Cretaceous or Paleocene		
25233	Late Cretaceous or Paleocene		
25234	Late Cretaceous or Paleocene		
25235	Late Cretaceous or Paleocene		
25236	Late Cretaceous or Paleocene		
25237	Miocene or Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
25238	Miocene or Pliocene		
25239	Miocene or Pliocene		
25240	Pliocene		
25241	Pliocene		
25242	Pliocene		
25243	Pliocene		
25244	Pliocene		
25245	Pliocene		
25246	Pliocene or Pleistocene		
25247	Pliocene or Pleistocene		
25248	Pliocene or Pleistocene		
25249	middle or late Miocene Luisian or Mohnian Stage		
25250	early Eocene		
25251	early Eocene B-4 or C Zone		
25252	early Eocene B-4 or C Zone		
25253	Eocene		
25254	late Paleocene NP9 nannoplankton		
25255	early Eocene NP		
25256	Eocene		
25257	Eocene		
25258	Eocene		
25259	Eocene		
25260	Eocene		
25261	Pliocene		
25262	middle and late Miocene Mohnian or Delmontian Stage		
25263	Pliocene		
25264	early Miocene Saucesian or Relizian Stage		
25265	early Miocene Saucesian or Relizian Stage		
25266	middle Miocene		
25267	late Miocene		
25268	late Miocene		
25269	reworked Miocene in Pliocene rocks?		
25270	reworked Miocene in Pliocene rocks?		
25271	Pliocene		
25272	late Miocene		
25273	late Miocene		
25274	late Miocene		
25275	late Miocene		
25276	late Miocene		
25277	Pliocene or Pleistocene		
25278	Pliocene or Pleistocene		
25279	Pliocene or Pleistocene		
25280	Pliocene or Pleistocene		
25281	Pliocene		
25282	Pliocene		
25283	Pliocene		
25284	Pliocene		
25285	late? Miocene		
25286	early Miocene Relizian Stage		
25287	early Miocene Relizian Stage		
25288	early Miocene Relizian Stage		
25289	early Miocene Relizian Stage		
25290	early Miocene Relizian Stage		
25291	early Miocene Relizian Stage		
25292	early Miocene Relizian Stage		
25293	early Miocene Relizian Stage		
25294	early Miocene Relizian Stage		
25295	early Miocene Relizian Stage		
25296	early Miocene Relizian Stage		
25297	early Miocene Relizian Stage		
25298	middle Eocene A-2 Zone		
25299	Paleocene		
25300	middle Eocene		
25301	Eocene? Shallow water fauna		
25302	Late Cretaceous, older than G Zone		
25303	Late Cretaceous F Zone		
25304	Early Cretaceous J-2 Zone		
25305	Paleocene		
25306	early Eocene D zone		
25307	Pliocene		
25308	Pliocene		
25309	Pliocene		
25310	Pliocene		
25311	Pliocene		

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1	ZONE/STAGE/SERIES/AGE		
25312	possibly Pliocene		
25313	Late Cretaceous or Paleocene		
25314	Late Cretaceous Maastrichtian or Danian Stage		
25315	Late Cretaceous? or Paleocene?		
25316	Late Cretaceous or Paleocene		
25317	Miocene or Pliocene		
25318	late Miocene		
25319	Miocene		
25320	Pliocene		
25321	Pliocene		
25322	Pliocene		
25323	Pliocene		
25324	Pliocene		
25325	Pliocene		
25326	Pliocene		
25327	Pliocene		
25328	Pliocene		
25329	Pliocene		
25330	Pliocene		
25331	Pliocene		
25332	Pliocene		
25333	Pliocene		
25334	Pliocene		
25335	Pliocene		
25336	Pliocene		
25337	Pliocene		
25338	Pliocene		
25339	Pliocene		
25340	late Miocene Delmontian Stage		
25341	Miocene PseudoSaucesian "Stage"		
25342	Miocene PseudoSaucesian "Stage"		
25343	Miocene PseudoSaucesian "Stage"		
25344	Miocene or Pliocene		
25345	Miocene or Pliocene		
25346	late Miocene Delmontian Stage		
25347	late Miocene Delmontian Stage		
25348	late Miocene Delmontian Stage		
25349	late Miocene Delmontian Stage		
25350	late Miocene Delmontian Stage		
25351	Miocene PseudoSaucesian "Stage"		
25352	Miocene PseudoSaucesian "Stage"		
25353	Miocene PseudoSaucesian "Stage"		
25354	Miocene PseudoSaucesian "Stage"		
25355	Miocene PseudoSaucesian "Stage"		
25356	Miocene PseudoSaucesian "Stage"		
25357	Miocene PseudoSaucesian "Stage"		
25358	Miocene PseudoSaucesian "Stage"		
25359	Miocene PseudoSaucesian "Stage"		
25360	Saucesian Stage /Relizian Stage		
25361	Miocene PseudoSaucesian "Stage"		
25362	Miocene PseudoSaucesian "Stage"		
25363	Miocene PseudoSaucesian "Stage"		
25364	Miocene PseudoSaucesian "Stage"		
25365	Miocene PseudoSaucesian "Stage"		
25366	Miocene PseudoSaucesian "Stage"		
25367	Miocene PseudoSaucesian "Stage"		
25368	Miocene PseudoSaucesian "Stage"		
25369	Miocene PseudoSaucesian "Stage"		
25370	Miocene PseudoSaucesian "Stage"		
25371	Pliocene		
25372	possibly Pseudosaucesian facies		
25373	PseudoSaucesian facies		
25374	Miocene or Pliocene		
25375	Miocene or Pliocene		
25376	Miocene or Pliocene		
25377	Miocene or Pliocene		
25378	Pliocene		
25379	Miocene or Pliocene		
25380	Miocene or Pliocene		
25381	Miocene or Pliocene		
25382	Pliocene		
25383	Cretaceous		
25384	early or middle Miocene		
25385	Eocene		

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1	ZONE/STAGE/SERIES/AGE		
25386	early Miocene Relizian Stage		
25387	early Miocene Relizian Stage		
25388	early Miocene Relizian Stage		
25389	early Miocene Relizian Stage		
25390	early Miocene Relizian Stage		
25391	middle Miocene Luisian Stage		
25392	early Miocene Relizian Stage		
25393	early Miocene Relizian Stage		
25394	early Miocene Saucesian? Stage		
25395	early Miocene Saucesian? Stage		
25396	Eocene		
25397	middle Eocene A-2 Zone		
25398	middle Eocene A-2 Zone		
25399	middle Eocene A-2 Zone		
25400	middle Eocene A-2 Zone		
25401	middle Eocene A-2 Zone		
25402	middle Eocene A-2 Zone		
25403	middle Eocene A-2 Zone		
25404	middle Eocene A-2 Zone		
25405	middle Eocene A-2 Zone		
25406	Oligocene Zemorrian Stage		
25407	middle Eocene A-2 Zone		
25408	middle Eocene A-2 Zone		
25409	middle Eocene A-2 Zone		
25410	middle Eocene A-2 Zone		
25411	middle Eocene A-2 Zone		
25412	middle Eocene A-2 Zone		
25413	middle Eocene A-2 Zone		
25414	middle Eocene A-2 Zone		
25415	middle Eocene A-2 Zone		
25416	middle Eocene A-2 Zone		
25417	middle Eocene A-2 Zone		
25418	middle Eocene A-2 Zone		
25419	middle Eocene A-2 Zone		
25420	middle Eocene A-2 Zone		
25421	middle Eocene A-2 Zone		
25422	Oligocene Zemorrian Stage		
25423	late Eocene A-2 Zone		
25424	late Eocene A-2 Zone		
25425	late Eocene A-2 Zone		
25426	late Eocene A-2 Zone		
25427	late Eocene A-2 Zone		
25428	late Eocene A-2 Zone		
25429	late Eocene A-2 Zone		
25430	late Eocene A-2 Zone		
25431	late Eocene A-2 Zone		
25432	late Eocene A-2 Zone		
25433	Oligocene Zemorrian Stage		
25434	Oligocene Zemorrian Stage		
25435	Oligocene Zemorrian Stage		
25436	Oligocene Zemorrian Stage		
25437	Oligocene Zemorrian Stage		
25438	Oligocene Zemorrian Stage		
25439	early or middle Miocene		
25440	late Miocene Delmontian Stage		
25441	late Miocene Delmontian Stage		
25442	Pliocene		
25443	Pliocene		
25444	Pliocene		
25445	Pliocene		
25446	Pliocene		
25447	Pliocene		
25448	Pliocene		
25449	Pliocene		
25450	Pliocene		
25451	late Miocene Delmontian Stage		
25452	late Miocene Delmontian Stage		
25453	possibly Pliocene		
25454	possibly Pliocene		
25455	possibly Pliocene		
25456	Miocene or Pliocene		
25457	Miocene or Pliocene		
25458	Miocene or Pliocene		
25459	possibly Pliocene		

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1	ZONE/STAGE/SERIES/AGE		
25460	Miocene or Pliocene		
25461	Miocene or Pliocene		
25462	Miocene or Pliocene		
25463	Miocene or Pliocene		
25464	Miocene or Pliocene		
25465	Miocene or Pliocene		
25466	Miocene or Pliocene		
25467	Miocene or Pliocene		
25468	Miocene or Pliocene		
25469	Pliocene		
25470	Pliocene		
25471	possibly Miocene or Pliocene		
25472	possibly Miocene or Pliocene		
25473	possibly Miocene or Pliocene		
25474	possibly Cretaceous arenaceous foraminifers		
25475	Pliocene		
25476	Miocene PseudoSaucesian "Stage"?		
25477	early Miocene Saucesian Stage		
25478	early Miocene Saucesian Stage		
25479	Miocene or Pliocene		
25480	Pliocene		
25481	Miocene or Pliocene		
25482	Miocene or Pliocene		
25483	Miocene or Pliocene		
25484	Miocene or Pliocene		
25485	Miocene or Pliocene		
25486	Miocene or Pliocene		
25487	Miocene or Pliocene		
25488	Miocene or Pliocene		
25489	Miocene or Pliocene		
25490	Miocene or Pliocene		
25491	Miocene or Pliocene		
25492	probably late Miocene		
25493	Cretaceous? arenaceous foraminifers		
25494	Cretaceous? arenaceous foraminifers		
25495	Cretaceous? arenaceous foraminifers		
25496	Cretaceous? arenaceous foraminifers		
25497	Cretaceous? arenaceous foraminifers		
25498	Cretaceous? arenaceous foraminifers		
25499	Cretaceous? arenaceous foraminifers		
25500	Cretaceous? arenaceous foraminifers		
25501	Cretaceous? arenaceous foraminifers		
25502	Cretaceous? arenaceous foraminifers		
25503	Cretaceous? arenaceous foraminifers		
25504	Cretaceous? arenaceous foraminifers		
25505	Cretaceous? arenaceous foraminifers		
25506	Cretaceous? arenaceous foraminifers		
25507	Cretaceous? arenaceous foraminifers		
25508	Cretaceous? arenaceous foraminifers		
25509	Cretaceous? arenaceous foraminifers		
25510	Cretaceous? arenaceous foraminifers		
25511	Cretaceous? arenaceous foraminifers		
25512	Cretaceous? arenaceous foraminifers		
25513	Pliocene		
25514	Pliocene		
25515	Pliocene		
25516	Pliocene		
25517	Cretaceous? arenaceous foraminifers		
25518	Cretaceous? arenaceous foraminifers		
25519	Cretaceous? arenaceous foraminifers		
25520	Cretaceous? arenaceous foraminifers		
25521	middle Miocene		
25522	Miocene or Pliocene		
25523	Miocene or Pliocene		
25524	Miocene or Pliocene		
25525	Miocene or Pliocene		
25526	Miocene or Pliocene		
25527	Miocene or Pliocene		
25528	late Miocene		
25529	late Miocene		
25530	possibly late Miocene		
25531	Cretaceous or Paleocene		
25532	Cretaceous or Paleocene		
25533	Cretaceous or Paleocene		

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1	ZONE/STAGE/SERIES/AGE		
25534	Miocene or Pliocene		
25535	Miocene or Pliocene		
25536	Miocene or Pliocene		
25537	middle and late Miocene Mohnian Stage		
25538	middle and late Miocene Mohnian Stage		
25539	Cretaceous and Miocene		
25540	Cretaceous and Miocene		
25541	Cretaceous and Miocene		
25542	Late Cretaceous or Paleocene		
25543	possibly Miocene or Pliocene		
25544	possibly Miocene or Pliocene		
25545	Late Cretaceous or Paleocene		
25546	Miocene or Pliocene		
25547	Miocene or Pliocene		
25548	Miocene or Pliocene		
25549	Late Cretaceous or Paleocene		
25550	Late Cretaceous or Paleocene		
25551	Late Cretaceous or Paleocene		
25552	possibly late Miocene Delmontian Stage		
25553	Late Cretaceous or Paleocene		
25554	Late Cretaceous or Paleocene		
25555	Late Cretaceous or Paleocene		
25556	Miocene or Pliocene		
25557	Miocene or Pliocene		
25558	Miocene or Pliocene		
25559	middle and late Miocene Mohnian Stage		
25560	probably late Miocene		
25561	probably late Miocene		
25562	Pliocene		
25563	Pliocene		
25564	Pliocene		
25565	Paleocene or Eocene		
25566	Paleocene or Eocene		
25567	PseudoSaucesian facies		
25568	PseudoSaucesian facies		
25569	Pliocene		
25570	Pliocene		
25571	Pliocene		
25572	Pliocene		
25573	Pliocene		
25574	contaminated?		
25575	Cretaceous arenaceous foraminifers		
25576	middle and late Miocene upper Mohnian Stage		
25577	Oligocene Zemorrian Stage		
25578	late Eocene Refugian Stage		
25579	late Eocene Refugian Stage		
25580	late Eocene Refugian Stage		
25581	middle and late Eocene Narizian Stage		
25582	middle Eocene Ulatisian Stage		
25583	early Eocene Penutian Stage		
25584	early Eocene Penutian Stage		
25585	Paleocene		
25586	Paleocene		
25587	Paleocene		
25588	Paleocene		
25589	Paleocene		
25590	Late Cretaceous arenaceous foraminifers		
25591	Late Cretaceous arenaceous foraminifers		
25592	Late Cretaceous E/F Zones		
25593	possibly middle Miocene Luisian Stage		
25594	middle Miocene		
25595	Eocene		
25596	early Eocene D Zone		
25597	Cretaceous or Paleocene		
25598	late Miocene		
25599	Miocene		
25600	Late? Cretaceous arenaceous foraminifers		
25601	Late? Cretaceous arenaceous foraminifers		
25602	Early Cretaceous J-2 Zone		
25603	Early Cretaceous J-2 Zone		
25604	probably late Miocene		
25605	probably late Miocene		
25606	probably late Miocene		
25607	probably late Miocene		

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1	ZONE/STAGE/SERIES/AGE		
25608	probably late Miocene		
25609	Cretaceous arenaceous foraminifers		
25610	Miocene or Pliocene		
25611	all ostracods		
25612	all ostracods		
25613	Late Cretaceous D-2 Zone		
25614	Late Cretaceous D-2 Zone		
25615	Late Cretaceous D-2 Zone		
25616	Late Cretaceous D-2 Zone		
25617	early Eocene C or D Zone		
25618	early Eocene C or D Zone		
25619	early Eocene C or D Zone		
25620	early Eocene D Zone		
25621	early Eocene D Zone		
25622	early Eocene D Zone		
25623	early Eocene D Zone		
25624	late? Eocene Narizian Stage		
25625	middle Eocene A-2 Zone		
25626	Eocene B Zones		
25627	late Eocene		
25628	late Paleocene or early Eocene E or D Zone		
25629	early Eocene C Zone		
25630	late Paleocene or early Eocene E or D Zone		
25631	late Paleocene or early Eocene E or D Zone		
25632	late Paleocene or early Eocene E or D Zone		
25633	late Paleocene or early Eocene E or D Zone		
25634	late Paleocene or early Eocene E or D Zone		
25635	late Paleocene or early Eocene E or D Zone		
25636	late Paleocene or early Eocene E or D Zone		
25637	late Eocene		
25638	Paleocene		
25639	Paleocene		
25640	early Eocene C Zone		
25641	early Eocene C Zone		
25642	middle Eocene A-1 Zone		
25643	late Eocene		
25644	middle Eocene Narizian Stage		
25645	middle Eocene A-1 Zone		
25646	late Eocene		
25647	early Eocene C Zone		
25648	late Paleocene E Zone		
25649	late Paleocene E Zone or older		
25650	late Paleocene E Zone		
25651	possibly Late Cretaceous E Zone		
25652	possibly Late Cretaceous E Zone		
25653	Cretaceous? arenaceous foraminifers		
25654	Late Cretaceous D or E Zone		
25655	Late Cretaceous arenaceous foraminifers		
25656	Late Cretaceous arenaceous foraminifers		
25657	Late Cretaceous D or E Zone		
25658	Late Cretaceous D or E Zone		
25659	Late Cretaceous D or E Zone		
25660	middle Miocene		
25661	middle Miocene		
25662	middle? Miocene		
25663	probably early Miocene Relizian Stage		
25664	middle Miocene		
25665	middle Miocene		
25666	middle Miocene Luisian Stage		
25667	middle Miocene		
25668	early Miocene Relizian Stage		
25669	late Miocene		
25670	late Miocene		
25671	late Miocene		
25672	late Miocene		
25673	late Miocene		
25674	late Miocene		
25675	late Miocene		
25676	late Miocene		
25677	late Miocene		
25678	late Miocene		
25679	late Miocene		
25680	late Miocene		
25681	early Miocene Relizian Stage		

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1	**ZONE/STAGE/SERIES/AGE**		
25682	early Miocene Relizian Stage		
25683	early Miocene Relizian Stage		
25684	early Miocene Relizian Stage		
25685	middle and late Miocene Mohnian Stage		
25686	middle and late Miocene Mohnian Stage		
25687	middle and late Miocene lower Mohnian Stage		
25688	middle and late Miocene lower Mohnian Stage		
25689	middle and late Miocene lower Mohnian Stage		
25690	Late Cretaceous D Zone		
25691	early Miocene Relizian Stage		
25692	early Miocene Relizian Stage		
25693	early Miocene lower Relizian Stage		
25694	early Miocene lower Relizian Stage		
25695	early Miocene Relizian Stage		
25696	early Miocene lower Relizian Stage		
25697	early Miocene lower Relizian Stage		
25698	early Miocene lower Relizian Stage		
25699	early Miocene Relizian Stage		
25700	?late Miocene		
25701	early Miocene lower Relizian Stage		
25702	late? Miocene		
25703	Cretaceous or Paleocene		
25704	Cretaceous or Paleocene		
25705	Cretaceous or Paleocene		
25706	Cretaceous or Paleocene		
25707	Cretaceous or Paleocene		
25708	Cretaceous or Paleocene		
25709	Cretaceous or Paleocene		
25710	Cretaceous or Paleocene		
25711	early Miocene Saucesian Stage		
25712	early Miocene Relizian Stage		
25713	early Miocene lower Relizian Stage		
25714	early Miocene Relizian or middle Miocene Luisian Stage		
25715	early Miocene Saucesian Stage		
25716	early Miocene Saucesian or Relizian Stage		
25717	middle Miocene Luisian Stage		
25718	middle Miocene		
25719	middle Miocene Luisian Stage		
25720	middle Miocene Luisian Stage		
25721	middle Miocene Luisian Stage		
25722	early Miocene Saucesian Stage		
25723	middle and late Miocene lower? Mohnian Stage		
25724	middle Miocene		
25725	early Miocene		
25726	early Miocene Saucesian Stage		
25727	early Miocene Saucesian Stage		
25728	early Miocene Saucesian Stage		
25729	early Miocene Saucesian Stage		
25730	Paleocene or Eocene		
25731	Late Cretaceous D Zone		
25732	middle and late Miocene upper Mohnian Stage		
25733	middle Miocene Luisian Stage		
25734	middle Miocene Luisian Stage		
25735	middle Miocene		
25736	early Miocene Saucesian Stage		
25737	middle and late Miocene lower Mohnian Stage		
25738	middle and late Miocene lower Mohnian Stage		
25739	middle and late Miocene lower Mohnian Stage		
25740	middle and late Miocene upper Mohnian Stage		
25741	middle Miocene Luisian Stage		
25742	early Miocene Relizian Stage		
25743	early Miocene Relizian Stage		
25744	early Miocene lower Relizian Stage		
25745	early Miocene Relizian Stage		
25746	early Miocene lower Relizian Stage		
25747	early Miocene Relizian Stage		
25748	early Miocene Relizian Stage		
25749	early Miocene Relizian Stage		
25750	early Miocene Relizian Stage		
25751	middle Miocene Luisian? Stage		
25752	early Miocene Relizian Stage		
25753	middle Miocene Luisian Stage		
25754	early Miocene Relizian Stage		
25755	middle Miocene		

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1	ZONE/STAGE/SERIES/AGE		
25756	early Miocene Relizian Stage		
25757	early Miocene Relizian Stage		
25758	middle Miocene		
25759	middle Miocene Luisian Stage		
25760	possibly middle Miocene		
25761	middle Miocene		
25762	middle Miocene		
25763	early Miocene Saucesian Stage		
25764	middle Miocene		
25765	middle Miocene		
25766	early Miocene Relizian Stage		
25767	middle Miocene Luisian Stage		
25768	middle Miocene		
25769	middle Miocene Luisian Stage		
25770	middle Miocene Luisian Stage		
25771	middle Miocene Luisian Stage		
25772	early Miocene Relizian Stage		
25773	middle Miocene		
25774	middle Miocene		
25775	early Miocene Relizian Stage		
25776	middle and late Miocene Mohnian Stage		
25777	middle Miocene		
25778	middle Miocene		
25779	middle Miocene		
25780	early Miocene Relizian Stage		
25781	middle Miocene		
25782	middle Miocene		
25783	middle Miocene		
25784	early Miocene Relizian Stage		
25785	early Miocene Relizian Stage		
25786	early Miocene Saucesian Stage		
25787	early Miocene Saucesian Stage		
25788	early Miocene Saucesian Stage		
25789	early Miocene Saucesian Stage		
25790	early Miocene Saucesian Stage		
25791	early Miocene Saucesian Stage		
25792	early Miocene Saucesian Stage		
25793	early Miocene Saucesian Stage		
25794	early Miocene Saucesian Stage		
25795	early Miocene lower Relizian Stage		
25796	early Miocene lower Relizian Stage		
25797	early Miocene lower Relizian Stage		
25798	early Miocene Saucesian Stage		
25799	early Miocene Saucesian Stage		
25800	early Miocene Saucesian Stage		
25801	early Miocene		
25802	middle Miocene		
25803	middle Miocene		
25804	early Miocene Saucesian Stage		
25805	early Miocene Saucesian Stage		
25806	early Miocene Saucesian Stage		
25807	early Miocene lower Relizian Stage		
25808	early Miocene Relizian Stage		
25809	early Miocene Relizian Stage		
25810	early Miocene Relizian Stage		
25811	middle Miocene Luisian Stage		
25812	early Miocene Saucesian Stage		
25813	early Miocene Saucesian Stage		
25814	early Miocene Saucesian Stage		
25815	early Miocene Saucesian Stage		
25816	middle Miocene		
25817	early Miocene Relizian Stage		
25818	middle Miocene		
25819	middle Miocene		
25820	middle Miocene		
25821	early Miocene Relizian Stage		
25822	early Miocene Relizian Stage		
25823	middle Miocene		
25824	early Miocene Saucesian Stage		
25825	early Miocene Relizian Stage		
25826	early Miocene Relizian Stage		
25827	early Miocene lower Relizian Stage		
25828	early Miocene lower Relizian Stage		
25829	early Miocene lower Relizian Stage		

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1	ZONE/STAGE/SERIES/AGE		
25830	early Miocene lower Relizian Stage		
25831	early Miocene lower Relizian Stage		
25832	early Miocene lower Relizian Stage		
25833	early Miocene lower Relizian Stage		
25834	early Miocene Relizian Stage		
25835	early Miocene Relizian Stage		
25836	early Miocene Relizian Stage		
25837	early Miocene Relizian Stage		
25838	middle and late Miocene Mohnian Stage		
25839	middle Miocene Luisian Stage		
25840	middle Miocene Luisian Stage		
25841	middle Miocene Luisian Stage		
25842	middle Miocene Luisian Stage		
25843	probably middle and late Miocene Mohnian Stage		
25844	middle and late Miocene lower Mohnian Stage		
25845	middle and late Miocene lower Mohnian Stage		
25846	middle and late Miocene lower Mohnian Stage		
25847	middle and late Miocene lower Mohnian Stage		
25848	middle Miocene Luisian Stage		
25849	middle and late Miocene Mohnian Stage		
25850	middle and late Miocene Mohnian Stage		
25851	middle Miocene		
25852	early Miocene Relizian Stage		
25853	early Miocene Relizian Stage		
25854	early Miocene Relizian Stage		
25855	middle Miocene Luisian Stage		
25856	middle Miocene Luisian Stage		
25857	middle Miocene Luisian Stage		
25858	middle Miocene Luisian Stage		
25859	mixed Miocene		
25860	middle Miocene Luisian Stage		
25861	middle Miocene Luisian Stage		
25862	early Miocene Relizian Stage		
25863	early Miocene Relizian Stage		
25864	early Miocene Relizian Stage		
25865	early Miocene Relizian Stage		
25866	early Miocene Relizian Stage		
25867	early Miocene Relizian Stage		
25868	no age provided		
25869	middle Miocene		
25870	middle Miocene		
25871	Relizian Stage		
25872	early Miocene		
25873	middle Miocene		
25874	middle Miocene		
25875	middle Miocene Luisian Stage		
25876	early Miocene Relizian Stage		
25877	late Miocene		
25878	early Miocene Relizian Stage		
25879	late Miocene		
25880	late Miocene		
25881	middle Miocene		
25882	middle Miocene		
25883	early Miocene Relizian Stage		
25884	early Miocene Relizian Stage		
25885	middle Miocene Luisian Stage		
25886	middle and late Miocene Mohnian Stage		
25887	late? Miocene		
25888	late Miocene?		
25889	late Miocene?		
25890	late? Miocene		
25891	middle and late Miocene Mohnian Stage		
25892	middle and late Miocene Mohnian Stage		
25893	middle and late Miocene Mohnian Stage		
25894	middle Miocene Luisian Stage		
25895	early Miocene Relizian Stage		
25896	early Miocene Relizian Stage		
25897	early Miocene Relizian Stage		
25898	early Miocene Relizian Stage		
25899	early Miocene Relizian Stage		
25900	Miocene		
25901	Miocene		
25902	probably early Miocene Relizian Stage		
25903	probably early Miocene Relizian Stage		

	H	I	J
1	**ZONE/STAGE/SERIES/AGE**		
25904	middle Miocene Luisian Stage		
25905	early Miocene Relizian Stage		
25906	middle Miocene		
25907	early Miocene Saucesian or Relizian Stage		
25908	late? Eocene		
25909	late? Eocene		
25910	late? Eocene		
25911	Oligocene lower Zemorrian		
25912	Oligocene lower Zemorrian		
25913	early Miocene lower Relizian Stage		
25914	early Miocene upper Saucesian Stage		
25915	early Miocene upper Saucesian Stage		
25916	early Miocene upper Saucesian Stage		
25917	early Miocene Saucesian Stage		
25918	early Miocene		
25919	early Miocene		
25920	Oligocene Zemorrian Stage		
25921	Oligocene Zemorrian Stage		
25922	Oligocene Zemorrian Stage		
25923	late Eocene		
25924	late Eocene		
25925	late Eocene		
25926	late Eocene		
25927	late Eocene		
25928	Oligocene Zemorrian Stage		
25929	Oligocene lower Zemorrian Stage		
25930	probably Miocene		
25931	probably Miocene		
25932	middle Miocene		
25933	middle Miocene		
25934	Eocene		
25935	Oligocene Zemorrian Stage		
25936	middle Eocene A-2 Zone		
25937	Eocene		
25938	Eocene		
25939	Eocene		
25940	Eocene		
25941	Eocene		
25942	Oligocene lower Zemorrian		
25943	Oligocene lower Zemorrian		
25944	Oligocene lower Zemorrian		
25945	Oligocene lower Zemorrian		
25946	Oligocene lower Zemorrian		
25947	Oligocene Zemorrian		
25948	Oligocene Zemorrian		
25949	Oligocene upper Zemorrian		
25950	Oligocene upper Zemorrian		
25951	early Miocene lower Saucesian Stage		
25952	early Miocene lower Saucesian Stage		
25953	early Miocene lower Saucesian Stage		
25954	early Miocene lower Saucesian Stage		
25955	early Miocene lower Saucesian Stage		
25956	early Miocene lower Saucesian Stage		
25957	early Miocene lower Saucesian Stage		
25958	early Miocene lower Saucesian Stage		
25959	early Miocene lower Saucesian Stage		
25960	early Miocene lower Saucesian Stage		
25961	early Miocene lower Saucesian Stage		
25962	early Miocene lower Saucesian Stage		
25963	early Miocene lower Saucesian Stage		
25964	early Miocene lower Saucesian Stage		
25965	early Miocene lower Saucesian Stage		
25966	possibly late Eocene		
25967	possibly late Eocene		
25968	possibly late Eocene		
25969	possibly late Eocene		
25970	possibly late Eocene		
25971	possibly late Eocene		
25972	possibly late Eocene		
25973	possibly late Eocene		
25974	possibly late Eocene		
25975	possibly late Eocene		
25976	possibly late Eocene		
25977	possibly late Eocene		

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1	ZONE/STAGE/SERIES/AGE		
25978	possibly late Eocene		
25979	possibly late Eocene		
25980	probably middle Eocene A-2 Zone		
25981	probably middle Eocene A-2 Zone		
25982	Eocene		
25983	Eocene		
25984	Eocene		
25985	Eocene		
25986	late Eocene		
25987	late Eocene		
25988	late Eocene		
25989	late Eocene		
25990	late Eocene		
25991	late Eocene		
25992	late Eocene		
25993	late Eocene		
25994	Oligocene upper Zemorrian Stage		
25995	Oligocene Zemorrian or early Miocene Saucesian Stage		
25996	Oligocene Zemorrian or early Miocene Saucesian Stage		
25997	Oligocene upper Zemorrian Stage		
25998	Oligocene upper Zemorrian Stage		
25999	Oligocene Zemorrian Stage		
26000	Oligocene upper Zemorrian Stage		
26001	Oligocene upper Zemorrian Stage		
26002	Oligocene upper Zemorrian Stage		
26003	Oligocene Zemorrian Stage		
26004	Oligocene upper Zemorrian Stage		
26005	late Eocene		
26006	late Eocene		
26007	late Eocene		
26008	late Eocene		
26009	late Eocene		
26010	late Eocene		
26011	late Eocene		
26012	middle Miocene Luisian Stage		
26013	early Miocene Relizian Stage		
26014	probably early Miocene Saucesian or Relizian Stage		
26015	probably early Miocene Saucesian or Relizian Stage		
26016	probably early Miocene Saucesian or Relizian Stage		
26017	middle Miocene		
26018	possibly early Miocene Relizian Stage		
26019	possibly early Miocene Relizian Stage		
26020	probably middle Miocene		
26021	possibly early Miocene Relizian Stage		
26022	early Miocene Saucesian Stage		
26023	middle Miocene		
26024	middle Miocene Luisian Stage		
26025	middle Miocene		
26026	middle Miocene Luisian Stage		
26027	middle Miocene		
26028	middle Miocene Luisian Stage		
26029	probably early Miocene		
26030	early Miocene		
26031	early Miocene Saucesian Stage		
26032	early Miocene upper Saucesian Stage		
26033	early Miocene Saucesian or Relizian Stage		
26034	early Miocene Saucesian or Relizian Stage		
26035	early Miocene Saucesian or Relizian Stage		
26036	early Miocene Saucesian or Relizian Stage		
26037	early Miocene Saucesian or Relizian Stage		
26038	middle Miocene		
26039	middle Miocene		
26040	middle Miocene Luisian Stage		
26041	middle Miocene Luisian Stage		
26042	early Miocene Saucesian Stage		
26043	early Miocene Saucesian Stage		
26044	middle and late Miocene lower Mohnian Stage		
26045	middle Miocene		
26046	late Miocene		
26047	possibly Oligocene Zemorrian		
26048	possibly Oligocene Zemorrian		
26049	early or middle Miocene		
26050	early or middle Miocene Relizian or Luisian Stage		
26051	middle Miocene		

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1	ZONE/STAGE/SERIES/AGE		
26052	middle Miocene		
26053	early Miocene Saucesian Stage		
26054	early Miocene upper Saucesian Stage		
26055	early Miocene Saucesian? Stage		
26056	early Miocene lower Relizian Stage		
26057	early Miocene lower Relizian Stage		
26058	early Miocene lower Relizian Stage		
26059	Late Cretaceous G-2 Zone		
26060	Eocene		
26061	middle and late Miocene upper Mohnian Stage		
26062	early Miocene lower Relizian Stage		
26063	early Miocene Saucesian or Relizian Stage		
26064	late Eocene		
26065	late Eocene		
26066	late Eocene		
26067	early Miocene		
26068	Oligocene lower Zemorrian		
26069	Eocene		
26070	Eocene		
26071	Eocene		
26072	Eocene		
26073	Eocene		
26074	Eocene		
26075	Eocene		
26076	Eocene		
26077	Eocene		
26078	Eocene		
26079	Eocene		
26080	Eocene		
26081	Eocene		
26082	Eocene		
26083	Eocene		
26084	Eocene		
26085	Eocene		
26086	Eocene		
26087	Eocene		
26088	Eocene		
26089	Eocene		
26090	Eocene		
26091	Eocene		
26092	Eocene		
26093	Oligocene Zemorrian? Stage		
26094	middle and late Miocene lower Mohnian Stage		
26095	late Eocene		
26096	mixed Eocene, Miocene and Pliocene foraminifers		
26097	mixed Eocene, Miocene and Pliocene foraminifers		
26098	late Eocene		
26099	early or middle Miocene		
26100	early Miocene Saucesian Stage		
26101	Pliocene?		
26102	Pliocene?		
26103	Pliocene?		
26104	early Miocene Saucesian Stage		
26105	early Miocene		
26106	possibly late Eocene		
26107	possibly late Eocene		
26108	possibly late Eocene		
26109	possibly late Eocene		
26110	possibly late Eocene		
26111	possibly late Eocene		
26112	possibly late Eocene		
26113	middle? Eocene		
26114	Eocene		
26115	Eocene		
26116	Eocene		
26117	Eocene		
26118	Eocene		
26119	Eocene		
26120	Eocene		
26121	Eocene		
26122	Eocene		
26123	Eocene		
26124	Eocene		
26125	middle Miocene		

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1	**ZONE/STAGE/SERIES/AGE**		
26126	middle Miocene		
26127	early Miocene Relizian Stage		
26128	early Miocene lower Relizian Stage		
26129	middle Miocene		
26130	early Miocene Saucesian or Relizian Stage		
26131	early Miocene Saucesian Stage		
26132	early Miocene Saucesian or Relizian Stage		
26133	early Miocene Relizian Stage		
26134	early Miocene Saucesian or Relizian Stage		
26135	late Miocene or Pliocene		
26136	late Miocene or Pliocene		
26137	late Miocene or Pliocene		
26138	late Miocene or Pliocene		
26139	late Miocene or Pliocene		
26140	late Miocene or Pliocene		
26141	late Miocene or Pliocene		
26142	late Miocene or Pliocene		
26143	late Miocene or Pliocene		
26144	late Miocene or Pliocene		
26145	late Miocene or Pliocene		
26146	late Miocene or Pliocene		
26147	late Miocene or Pliocene		
26148	late Miocene or Pliocene		
26149	middle and late Miocene upper Mohnian Stage		
26150	middle and late Miocene upper Mohnian Stage		
26151	middle and late Miocene upper Mohnian Stage		
26152	middle and late Miocene upper Mohnian Stage		
26153	middle and late Miocene upper Mohnian Stage		
26154	middle and late Miocene upper Mohnian Stage		
26155	middle and late Miocene upper Mohnian Stage		
26156	middle and late Miocene upper Mohnian Stage		
26157	middle and late Miocene upper Mohnian Stage		
26158	middle and late Miocene upper Mohnian Stage		
26159	middle and late Miocene upper Mohnian Stage		
26160	middle and late Miocene upper Mohnian Stage		
26161	middle and late Miocene upper Mohnian Stage		
26162	middle and late Miocene upper Mohnian Stage		
26163	middle and late Miocene upper Mohnian Stage		
26164	middle and late Miocene upper Mohnian Stage		
26165	middle and late Miocene upper Mohnian Stage		
26166	middle and late Miocene upper Mohnian Stage		
26167	middle and late Miocene upper Mohnian Stage		
26168	middle and late Miocene upper Mohnian Stage		
26169	middle and late Miocene lower Mohnian Stage		
26170	middle and late Miocene lower Mohnian Stage		
26171	middle and late Miocene lower Mohnian Stage		
26172	middle and late Miocene lower Mohnian Stage		
26173	middle and late Miocene lower Mohnian Stage		
26174	middle and late Miocene lower Mohnian Stage		
26175	middle and late Miocene lower Mohnian Stage		
26176	middle and late Miocene lower Mohnian Stage		
26177	middle and late Miocene upper? Mohnian Stage		
26178	middle and late Miocene upper? Mohnian Stage		
26179	middle and late Miocene upper? Mohnian Stage		
26180	middle and late Miocene upper? Mohnian Stage		
26181	middle and late Miocene upper? Mohnian Stage		
26182	middle and late Miocene upper? Mohnian Stage		
26183	middle and late Miocene upper? Mohnian Stage		
26184	middle and late Miocene upper? Mohnian Stage		
26185	middle and late Miocene upper? Mohnian Stage		
26186	middle and late Miocene upper? Mohnian Stage		
26187	Pliocene or Pleistocene Paso Robles Formation		
26188	Pliocene or Pleistocene Paso Robles Formation		
26189	Pliocene or Pleistocene Paso Robles Formation		
26190	Pliocene or Pleistocene Paso Robles Formation		
26191	Pliocene or Pleistocene Paso Robles Formation		
26192	Pliocene or Pleistocene Paso Robles Formation		
26193	Pliocene or Pleistocene Paso Robles Formation		
26194	Pliocene or Pleistocene Paso Robles Formation		
26195	Pliocene or Pleistocene Paso Robles Formation		
26196	Pliocene or Pleistocene Paso Robles Formation		
26197	Pliocene or Pleistocene Paso Robles Formation		
26198	Pliocene or Pleistocene Paso Robles Formation		
26199	middle and late Miocene upper Mohnian Stage		

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1	ZONE/STAGE/SERIES/AGE		
26200	middle and late Miocene upper Mohnian Stage		
26201	middle and late Miocene upper Mohnian Stage		
26202	middle and late Miocene upper Mohnian Stage		
26203	middle and late Miocene upper Mohnian Stage		
26204	middle and late Miocene upper Mohnian Stage		
26205	middle and late Miocene upper Mohnian Stage		
26206	middle and late Miocene upper Mohnian Stage		
26207	middle and late Miocene upper Mohnian Stage		
26208	late Miocene Delmontian? Stage		
26209	late Miocene Delmontian? Stage		
26210	late Miocene Delmontian? Stage		
26211	late Miocene Delmontian? Stage		
26212	late Miocene Delmontian? Stage		
26213	late Miocene Delmontian? Stage		
26214	late Miocene Delmontian? Stage		
26215	late Miocene Delmontian? Stage		
26216	late Miocene Delmontian? Stage		
26217	late Miocene Delmontian? Stage		
26218	late Miocene Delmontian? Stage		
26219	late Miocene Delmontian? Stage		
26220	late Miocene Delmontian? Stage		
26221	late Miocene Delmontian? Stage		
26222	late Miocene Delmontian? Stage		
26223	late Miocene Delmontian? Stage		
26224	middle and late Miocene upper Mohnian Stage		
26225	middle and late Miocene upper Mohnian Stage		
26226	middle and late Miocene upper Mohnian Stage		
26227	middle and late Miocene upper Mohnian Stage		
26228	middle and late Miocene upper Mohnian Stage		
26229	middle and late Miocene upper Mohnian Stage		
26230	middle and late Miocene upper Mohnian Stage		
26231	middle and late Miocene upper Mohnian Stage		
26232	Late Cretaceous D-2 Zone		
26233	Late Cretaceous		
26234	Late Cretaceous		
26235	Late Cretaceous		
26236	early Miocene Saucesian Stage		
26237	early Miocene Saucesian Stage		
26238	early Miocene Saucesian Stage		
26239	early Miocene Saucesian Stage		
26240	middle Miocene Luisian Stage		
26241	middle Miocene Luisian Stage		
26242	Late Cretaceous or Paleocene		
26243	Late Cretaceous Campanian? Stage		
26244	Late Cretaceous		
26245	Late Cretaceous spores or pollen		
26246	Late Cretaceous		
26247	early Eocene		
26248	Pliocene		
26249	Oligocene Zemorrian Stage		
26250	Oligocene lower Zemorrian Stage		
26251	late Eocene or Oligocene Refugian or Zemorrian Stage		
26252	Oligocene Zemorrian Stage		
26253	middle Miocene		
26254	early Miocene Relizian Stage		
26255	middle and late Miocene Mohnian Stage		
26256	middle and late Miocene Mohnian Stage		
26257	middle and late Miocene Mohnian Stage		
26258	middle and late Miocene Mohnian? Stage		
26259	middle and late Miocene Mohnian? Stage		
26260	middle and late Miocene Mohnian? Stage		
26261	middle and late Miocene Mohnian? Stage		
26262	middle and late Miocene lower? Mohnian Stage		
26263	middle and late Miocene lower Mohnian Stage		
26264	middle and late Miocene lower Mohnian Stage		
26265	middle and late Miocene lower Mohnian? Stage		
26266	middle and late Miocene lower Mohnian? Stage		
26267	middle Miocene Luisian Stage		
26268	middle Miocene Luisian Stage		
26269	Miocene or Pliocene		
26270	middle and late Miocene lower Mohnian Stage		
26271	middle and late Miocene lower Mohnian Stage		
26272	middle and late Miocene lower Mohnian Stage		
26273	middle Miocene Luisian Stage		

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1	**ZONE/STAGE/SERIES/AGE**		
26274	middle Miocene Luisian Stage		
26275	middle Miocene Luisian Stage		
26276	Late Cretaceous or Paleocene		
26277	Late Cretaceous arenaceous foraminifers		
26278	Late Cretaceous or Paleocene		
26279	Late Cretaceous or Paleocene		
26280	Late Cretaceous Campanian Stage or younger		
26281	Late Cretaceous Campanian Stage or younger		
26282	probably Eocene		
26283	probably Eocene		
26284	middle and late Miocene Mohnian Stage		
26285	late Miocene		
26286	late Miocene		
26287	late Miocene		
26288	middle Miocene Luisian Stage		
26289	early or middle Miocene		
26290	middle Miocene		
26291	middle Miocene		
26292	middle Miocene Luisian Stage		
26293	early or middle Miocene		
26294	early or middle Miocene		
26295	possibly middle Miocene		
26296	Late Cretaceous or Paleocene		
26297	early or middle Eocene		
26298	early or middle Eocene		
26299	possibly Pliocene		
26300	possibly late Miocene		
26301	possibly Pliocene		
26302	possibly Pliocene		
26303	possibly late Miocene		
26304	late Miocene		
26305	late Miocene		
26306	Paleocene		
26307	Late Cretaceous Turonian Stage		
26308	Late Cretaceous Turonian Stage		
26309	Cretaceous		
26310	Cretaceous		
26311	Cretaceous		
26312	Cretaceous		
26313	Cretaceous		
26314	Cretaceous		
26315	Cretaceous		
26316	Cretaceous		
26317	Cretaceous		
26318	Cretaceous		
26319	Cretaceous		
26320	Cretaceous arenaceous foraminifers		
26321	Cretaceous arenaceous foraminifers		
26322	Cretaceous arenaceous foraminifers		
26323	Cretaceous arenaceous foraminifers		
26324	Cretaceous arenaceous foraminifers		
26325	Cretaceous arenaceous foraminifers		
26326	Cretaceous arenaceous foraminifers		
26327	Cretaceous arenaceous foraminifers		
26328	Cretaceous arenaceous foraminifers		
26329	Cretaceous arenaceous foraminifers		
26330	Cretaceous arenaceous foraminifers		
26331	Cretaceous arenaceous foraminifers		
26332	Cretaceous arenaceous foraminifers		
26333	Cretaceous arenaceous foraminifers		
26334	Cretaceous arenaceous foraminifers		
26335	Cretaceous arenaceous foraminifers		
26336	Cretaceous arenaceous foraminifers		
26337	Cretaceous arenaceous foraminifers		
26338	Late Cretaceous Campanian Stage		
26339	Late Cretaceous F-2 to G Zone		
26340	determined by strat position and additional NP		
26341	Late Cretaceous F to G-2 Zone		
26342	Cretaceous? arenaceous foraminifers		
26343	NP paleo but no ages		
26344	Late Cretaceous H Zone		
26345	Late Cretaceous F Zone		
26346	Late Cretaceous F Zone		
26347	probably Late Cretaceous E Zone		

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1	ZONE/STAGE/SERIES/AGE		
26348	probably Late Cretaceous E Zone		
26349	probably Late Cretaceous E Zone		
26350	probably Late Cretaceous E Zone		
26351	probably Late Cretaceous E Zone		
26352	probably Late Cretaceous E Zone		
26353	probably Late Cretaceous E Zone		
26354	Cretaceous arenaceous foraminifers		
26355	Cretaceous arenaceous foraminifers		
26356	Miocene		
26357	Miocene		
26358	Miocene		
26359	Late Cretaceous G-1 or F Zone		
26360	Late Cretaceous Campanian to Maastrichtian NP		
26361	Late Cretaceous G-1 Zone		
26362	Late Cretaceous G-1 Zone or younger		
26363	early Miocene Saucesian Stage		
26364	early Miocene Saucesian Stage		
26365	early Miocene Saucesian Stage		
26366	early Miocene Saucesian Stage		
26367	early Miocene Saucesian Stage		
26368	early Miocene Saucesian Stage		
26369	early Miocene Saucesian Stage		
26370	early Miocene Saucesian Stage		
26371	early Miocene Saucesian Stage		
26372	early Miocene Saucesian Stage		
26373	early Miocene Saucesian Stage		
26374	early Miocene Saucesian Stage		
26375	early Miocene Saucesian Stage		
26376	early Miocene Saucesian Stage		
26377	early Miocene Saucesian Stage		
26378	early Miocene Saucesian Stage		
26379	early Miocene Saucesian Stage		
26380	early Miocene Relizian Stage		
26381	middle and late Miocene upper Mohnian Stage		
26382	middle and late Miocene upper Mohnian Stage		
26383	middle and late Miocene upper Mohnian Stage		
26384	middle and late Miocene upper Mohnian Stage		
26385	middle and late Miocene upper Mohnian Stage		
26386	middle and late Miocene upper Mohnian Stage		
26387	middle and late Miocene upper Mohnian Stage		
26388	middle Miocene		
26389	middle Miocene		
26390	middle Miocene		
26391	early or middle Miocene		
26392	early or middle Miocene		
26393	early or middle Miocene		
26394	early or middle Miocene		
26395	early Miocene Saucesian Stage		
26396	early Miocene Saucesian Stage		
26397	early Miocene Saucesian Stage		
26398	early Miocene Saucesian Stage		
26399	early Miocene Saucesian Stage		
26400	early Miocene Saucesian Stage		
26401	early Miocene Saucesian Stage		
26402	middle Miocene		
26403	middle Miocene		
26404	middle Miocene		
26405	early Miocene Saucesian Stage		
26406	early Miocene Saucesian Stage		
26407	early Miocene Saucesian Stage		
26408	early Miocene Saucesian Stage		
26409	early Miocene Relizian Stage		
26410	middle Miocene Luisian Stage		
26411	middle and late Miocene lower Mohnian Stage		
26412	middle and late Miocene lower Mohnian Stage		
26413	middle and late Miocene Mohnian Stage		
26414	middle and late Miocene Mohnian Stage		
26415	middle and late Miocene Mohnian Stage		
26416	middle and late Miocene Mohnian Stage		
26417	middle Miocene		
26418	middle Miocene		
26419	middle Miocene		
26420	middle Miocene		
26421	middle Miocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
26422	middle Miocene		
26423	middle and late Miocene Mohnian Stage		
26424	middle and late Miocene Mohnian Stage		
26425	middle and late Miocene Mohnian Stage		
26426	middle and late Miocene Mohnian Stage		
26427	middle and late Miocene Mohnian Stage		
26428	middle and late Miocene Mohnian Stage		
26429	middle and late Miocene Mohnian Stage		
26430	middle and late Miocene Mohnian Stage		
26431	middle and late Miocene Mohnian Stage		
26432	Cretaceous		
26433	Cretaceous		
26434	Cretaceous		
26435	early or middle Miocene		
26436	Miocene		
26437	probably early Miocene		
26438	early Miocene Saucesian Stage		
26439	early or middle Miocene		
26440	middle Miocene		
26441	middle Miocene		
26442	late Pliocene		
26443	late Pliocene		
26444	late Pliocene		
26445	late Pliocene		
26446	late Pliocene		
26447	middle and late Miocene Mohnian Stage		
26448	probably middle and late Miocene Mohnian Stage		
26449	middle Miocene		
26450	Eocene		
26451	Eocene		
26452	Late Cretaceous or Paleocene		
26453	middle Eocene		
26454	early Eocene		
26455	early or middle Eocene		
26456	Eocene		
26457	possibly Eocene		
26458	early Eocene		
26459	early Eocene		
26460	early Eocene		
26461	early Eocene		
26462	early or middle Eocene		
26463	early Eocene		
26464	Paleocene or Eocene		
26465	Tertiary		
26466	early Eocene		
26467	possibly Eocene		
26468	Late Cretaceous Campanian or Maastrichtian Stage		
26469	Late Cretaceous D or E Zones		
26470	Late Cretaceous E Zone		
26471	Cretaceous arenaceous foraminifers		
26472	Late Cretaceous D or E Zones		
26473	Late Cretaceous arenaceous foraminifers		
26474	Late Cretaceous arenaceous foraminifers		
26475	Late Cretaceous Campanian Stage or older		
26476	middle Miocene Luisian? Stage		
26477	middle Miocene		
26478	middle Miocene		
26479	early Miocene lower Saucesian Stage		
26480	early Miocene Saucesian Stage		
26481	middle Miocene		
26482	early Miocene Relizian Stage		
26483	early Miocene Relizian Stage		
26484	middle and late Miocene Mohnian Stage		
26485	middle and late Miocene lower Mohnian Stage		
26486	middle and late Miocene lower Mohnian Stage		
26487	late Miocene		
26488	early Miocene upper Relizian Stage		
26489	early Miocene Relizian Stage		
26490	Late Cretaceous Albian or Campanian Stage		
26491	Late Cretaceous Albian or Cenomanian Stage		
26492	Late Cretaceous Albian to Maastrichtian Stage		
26493	Late Cretaceous Albian Stage		
26494	Late Cretaceous Albian or Cenomanian Stage		
26495	Late Cretaceous Albian Stage		

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1	ZONE/STAGE/SERIES/AGE		
26496	middle or late Miocene		
26497	early or middle Miocene Relizian or Luisian Stage		
26498	middle Miocene Luisian Stage		
26499	early or middle Miocene Relizian or Luisian Stage		
26500	middle or late Miocene Luisian or Mohnian Stage		
26501	middle Miocene Luisian Stage		
26502	middle Miocene Luisian Stage		
26503	middle and late Miocene Mohnian or Delmontian Stage		
26504	middle and late Miocene Mohnian or Delmontian Stage		
26505	middle or late Miocene Delmontian Stage		
26506	late Miocene or Pliocene		
26507	early Miocene or younger		
26508	early Miocene Saucesian Stage		
26509	middle Miocene Luisian Stage		
26510	Late Cretaceous G-1 Zone		
26511	Late Cretaceous Albian Stage or younger		
26512	Late Cretaceous Albian to Maastrichtian Stage		
26513	Eocene		
26514	Eocene		
26515	Eocene		
26516	Eocene		
26517	Eocene		
26518	late Pliocene D. seminae v. fossilis Zone		
26519	Pliocene		
26520	late Pliocene D. seminae v. fossilis Zone		
26521	late Pliocene D. seminae v. fossilis Zone		
26522	Miocene		
26523	Pliocene		
26524	Eocene?		
26525	Miocene		
26526	Pliocene		
26527	Miocene		
26528	Eocene		
26529	Eocene?		
26530	Miocene		
26531	Miocene		
26532	early Miocene Saucesian Stage		
26533	early Miocene Saucesian Stage		
26534	middle Miocene Denticulopsis lauta "b" Zone		
26535	middle Miocene Denticulopsis lauta "b" Zone		
26536	middle Miocene Denticulopsis lauta "b" Zone		
26537	middle Miocene Denticulopsis lauta "b" Zone		
26538	Late Cretaceous F Zone		
26539	Late Cretaceous F Zone		
26540	Late Cretaceous		
26541	Late Cretaceous arenaceous foraminifers		
26542	Late Cretaceous arenaceous foraminifers		
26543	Miocene		
26544	Miocene		
26545	middle and late Miocene Mohnian Stage		
26546	early Miocene Relizian Stage		
26547	middle and late Miocene Mohnian Stage		
26548	Pliocene		
26549	Pliocene		
26550	Delmontian		
26551	Oligocene Zemorrian Stage		
26552	Oligocene Zemorrian Stage		
26553	early Miocene Saucesian Stage		
26554	late Miocene		
26555	middle and late Miocene Mohnian Stage		
26556	Oligocene Zemorrian Stage		
26557	late Miocene		
26558	Eocene or Paleocene		
26559	middle and late Miocene Mohnian Stage		
26560	early Miocene Relizian Stage		
26561	middle and late Miocene Mohnian Stage		
26562	Delmontian		
26563	Miocene		
26564	middle Miocene Luisian Stage		
26565	middle and late Miocene Mohnian Stage		
26566	early Miocene Saucesian Stage		
26567	not diagnostic		
26568	Miocene		
26569	late Miocene		

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1	ZONE/STAGE/SERIES/AGE		
26570	early Miocene Saucesian Stage		
26571	Miocene		
26572	late Miocene		
26573	early Miocene Saucesian Stage		
26574	not diagnostic		
26575	late Miocene		
26576	not diagnostic		
26577	early Miocene Saucesian Stage		
26578	late Miocene		
26579	not diagnostic		
26580	middle and late Miocene Mohnian or Delmontian Stage		
26581	Recent		
26582	Miocene or Pliocene		
26583	Paleocene		
26584	late Miocene		
26585	Miocene or Pliocene		
26586	Miocene or Pliocene		
26587	Miocene or Pliocene		
26588	middle Miocene Luisian Stage		
26589	Miocene or Pliocene		
26590	middle Miocene Luisian Stage		
26591	Miocene or Pliocene		
26592	middle Miocene Luisian Stage		
26593	Miocene or Pliocene		
26594	middle Miocene Luisian Stage		
26595	middle Miocene Luisian Stage		
26596	late Miocene		
26597	middle Miocene Luisian Stage		
26598	Miocene or Pliocene		
26599	Paleocene		
26600	middle and late Miocene Mohnian? Stage		
26601	Miocene or Pliocene		
26602	middle Miocene		
26603	Miocene or Pliocene		
26604	middle Miocene		
26605	Miocene or Pliocene		
26606	middle Miocene		
26607	Miocene or Pliocene		
26608	Miocene or Pliocene		
26609	Miocene or Pliocene		
26610	Miocene or Pliocene		
26611	Miocene or Pliocene		
26612	Miocene or Pliocene		
26613	Miocene or Pliocene		
26614	Miocene or Pliocene		
26615	Miocene or Pliocene		
26616	early Miocene		
26617	Miocene or Pliocene		
26618	Miocene or Pliocene		
26619	Miocene or Pliocene		
26620	Miocene or Pliocene		
26621	Miocene or Pliocene		
26622	Miocene or Pliocene		
26623	Miocene or Pliocene		
26624	Miocene or Pliocene		
26625	Miocene or Pliocene		
26626	Miocene or Pliocene		
26627	Miocene or Pliocene		
26628	middle and late Miocene Mohnian? Stage		
26629	Miocene or Pliocene		
26630	Miocene or Pliocene		
26631	Miocene or Pliocene		
26632	Miocene or Pliocene		
26633	Miocene or Pliocene		
26634	Miocene or Pliocene		
26635	Miocene or Pliocene		
26636	Miocene or Pliocene		
26637	Miocene or Pliocene		
26638	Miocene or Pliocene		
26639	Miocene or Pliocene		
26640	Miocene or Pliocene		
26641	Miocene or Pliocene		
26642	Miocene or Pliocene		
26643	Miocene or Pliocene		

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1	ZONE/STAGE/SERIES/AGE		
26644	Miocene or Pliocene		
26645	Miocene or Pliocene		
26646	middle and late Miocene Mohnian? Stage		
26647	Miocene or Pliocene		
26648	Miocene or Pliocene		
26649	Miocene or Pliocene		
26650	Miocene or Pliocene		
26651	Pliocene		
26652	Pliocene		
26653	Pliocene		
26654	Miocene		
26655	early Miocene Relizian stage		
26656	Miocene?		
26657	late Miocene		
26658	Eocene		
26659	Cretaceous or Paleocene		
26660	Cretaceous		
26661	Eocene		
26662	Eocene		
26663	Eocene		
26664	Paleocene?		
26665	early Miocene Relizian Stage		
26666	late Miocene		
26667	Eocene		
26668	early Miocene Relizian Stage		
26669	Eocene		
26670	Eocene		
26671	Miocene or Pliocene		
26672	early Miocene Saucesian Stage		
26673	Miocene or Pliocene		
26674	Cretaceous		
26675	Cretaceous		
26676	Eocene?		
26677	Eocene		
26678	Eocene		
26679	Pliocene		
26680	Pliocene		
26681	Pliocene		
26682	Pliocene		
26683	Pliocene		
26684	late Miocene		
26685	Eocene		
26686	Pliocene		
26687	Pliocene		
26688	Eocene		
26689	Pliocene		
26690	Pliocene		
26691	late Miocene		
26692	Pliocene		
26693	Pliocene		
26694	middle and late Miocene lower? Mohnian Stage		
26695	Pliocene		
26696	Pliocene		
26697	Eocene		
26698	Pliocene		
26699	Eocene		
26700	Pliocene		
26701	Eocene		
26702	Eocene		
26703	Pliocene		
26704	Eocene		
26705	Miocene or Pliocene		
26706	Pliocene		
26707	Eocene		
26708	Eocene		
26709	Pliocene		
26710	Eocene		
26711	Eocene		
26712	Eocene		
26713	Eocene		
26714	Eocene		
26715	Eocene		
26716	Eocene		
26717	Eocene		

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1	ZONE/STAGE/SERIES/AGE		
26718	Eocene		
26719	Miocene or Pliocene		
26720	Miocene or Pliocene		
26721	Eocene		
26722	Pliocene		
26723	Miocene or Pliocene		
26724	Miocene or Pliocene		
26725	Miocene or Pliocene		
26726	Miocene or Pliocene		
26727	Miocene or Pliocene		
26728	Miocene or Pliocene		
26729	Miocene or Pliocene		
26730	Miocene or Pliocene		
26731	Eocene		
26732	Pliocene		
26733	Miocene or Pliocene		
26734	Eocene		
26735	Eocene		
26736	Miocene or Pliocene		
26737	Eocene		
26738	Miocene or Pliocene		
26739	Eocene		
26740	Eocene		
26741	Eocene		
26742	Miocene or Pliocene		
26743	Eocene		
26744	Eocene		
26745	Eocene		
26746	Eocene		
26747	Miocene or Pliocene		
26748	Miocene or Pliocene		
26749	Miocene or Pliocene		
26750	Miocene or Pliocene		
26751	Miocene or Pliocene		
26752	Miocene or Pliocene		
26753	Eocene		
26754	Pliocene		
26755	Pliocene		
26756	Miocene or Pliocene		
26757	Miocene or Pliocene		
26758	Miocene or Pliocene		
26759	Miocene or Pliocene		
26760	Miocene or Pliocene		
26761	Miocene or Pliocene		
26762	Eocene		
26763	Eocene		
26764	Pliocene		
26765	Eocene		
26766	Pliocene		
26767	Pliocene		
26768	Pliocene		
26769	middle and late Miocene Mohnian Stage		
26770	Pliocene ?		
26771	Miocene		
26772	early Miocene Saucesian Stage		
26773	early Miocene Saucesian Stage		
26774	early Miocene Saucesian Stage		
26775	early Miocene Saucesian Stage		
26776	early Miocene Saucesian Stage		
26777	early Miocene Saucesian Stage		
26778	Cretaceous		
26779	early Miocene Saucesian Stage		
26780	early Miocene Saucesian Stage		
26781	early Miocene Saucesian Stage		
26782	Pliocene ?		
26783	Eocene		
26784	early Miocene Saucesian Stage		
26785	Lower Miocene		
26786	late Miocene Delmontian Stage		
26787	early Miocene Saucesian Stage		
26788	Miocene		
26789	early Miocene Saucesian Stage		
26790	Saucesian		
26791	early Miocene Saucesian Stage		

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1	ZONE/STAGE/SERIES/AGE		
26792	Saucesian		
26793	early Miocene Saucesian Stage		
26794	late Miocene Delmontian Stage		
26795	early Miocene Saucesian Stage		
26796	Miocene or Pliocene		
26797	early Miocene Saucesian Stage		
26798	early Miocene		
26799	early Miocene		
26800	early Miocene Saucesian Stage		
26801	early Miocene		
26802	Pliocene ?		
26803	Pliocene		
26804	Eocene?		
26805	early Miocene Saucesian Stage		
26806	Miocene or Pliocene		
26807	early Miocene Saucesian Stage		
26808	early Miocene		
26809	Miocene or Pliocene		
26810	early Miocene Saucesian Stage		
26811	early Miocene		
26812	Miocene or Pliocene		
26813	early Miocene Saucesian Stage		
26814	early Miocene		
26815	Saucesian		
26816	early Miocene Saucesian Stage		
26817	early Miocene		
26818	Saucesian		
26819	Miocene or Pliocene		
26820	early Miocene		
26821	Saucesian		
26822	early Miocene Saucesian Stage		
26823	early Miocene		
26824	Miocene or Pliocene		
26825	early Miocene Saucesian Stage		
26826	early Miocene		
26827	middle and late Miocene Mohnian Stage		
26828	early Miocene		
26829	Miocene or Pliocene		
26830	early Miocene		
26831	Miocene or Pliocene		
26832	Pliocene ?		
26833	early Miocene Saucesian Stage		
26834	Miocene or Pliocene		
26835	Miocene or Pliocene		
26836	Zemorrian		
26837	Miocene or Pliocene		
26838	Zemorrian		
26839	Miocene or Pliocene		
26840	Zemorrian		
26841	Miocene or Pliocene		
26842	Lower Miocene		
26843	Zemorrian		
26844	Miocene or Pliocene		
26845	Eocene		
26846	early Miocene Saucesian Stage		
26847	Miocene or Pliocene		
26848	Miocene or Pliocene		
26849	Miocene or Pliocene		
26850	Pliocene ?		
26851	Miocene or Pliocene		
26852	Pliocene ?		
26853	Miocene or Pliocene		
26854	Pliocene ?		
26855	Miocene or Pliocene		
26856	early Miocene Saucesian Stage		
26857	Pliocene ?		
26858	early Miocene Saucesian Stage		
26859	early Miocene Saucesian Stage		
26860	Pliocene ?		
26861	early Miocene Saucesian Stage		
26862	Pliocene ?		
26863	Eocene		
26864	Pliocene?		
26865	Pliocene?		

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1	ZONE/STAGE/SERIES/AGE		
26866	Pliocene?		
26867	Pliocene?		
26868	Pliocene?		
26869	Pliocene?		
26870	Pliocene?		
26871	middle and late Miocene Mohnian Stage		
26872	Pliocene?		
26873	Pliocene		
26874	Pliocene?		
26875	middle and late Miocene Mohnian Stage		
26876	Pliocene?		
26877	Pliocene?		
26878	Pliocene?		
26879	early Miocene		
26880	Pliocene		
26881	Pliocene?		
26882	Pliocene		
26883	Pliocene?		
26884	Pliocene		
26885	Pliocene		
26886	early Miocene		
26887	Miocene		
26888	Pliocene?		
26889	Pliocene?		
26890	early or middle Miocene Relizian or Luisian Stage		
26891	Miocene		
26892	middle Miocene		
26893	Cretaceous		
26894	Eocene		
26895	middle and late Miocene Mohnian Stage		
26896	Eocene		
26897	Eocene		
26898	Cretaceous		
26899	Eocene		
26900	Cretaceous		
26901	middle and late Miocene Mohnian Stage		
26902	middle and late Miocene Mohnian Stage		
26903	Eocene		
26904	middle Miocene		
26905	middle Miocene		
26906	Eocene		
26907	Miocene		
26908	Cretaceous		
26909	middle Miocene Luisian Stage		
26910	middle and late Miocene Mohnian Stage		
26911	Cretaceous		
26912	middle Miocene Luisian Stage		
26913	middle Miocene		
26914	middle Miocene		
26915	Cretaceous		
26916	middle Miocene		
26917	Cretaceous		
26918	middle Miocene		
26919	middle Miocene		
26920	Pliocene		
26921	Cretaceous		
26922	Pliocene		
26923	middle Miocene Luisian Stage		
26924	middle Miocene Luisian Stage		
26925	Oligocene Zemorrian Stage		
26926	middle Miocene Luisian Stage		
26927	early Miocene Saucesian Stage		
26928	middle and late Miocene Mohnian Stage		
26929	middle and late Miocene Mohnian Stage		
26930	middle Miocene Luisian Stage		
26931	early Miocene Relizian Stage		
26932	early Miocene Relizian Stage		
26933	middle Miocene		
26934	Oligocene Zemorrian Stage		
26935	early Miocene Saucesian? Stage		
26936	early Miocene Saucesian Stage		
26937	early Miocene Saucesian Stage		
26938	late Eocene Narizian or Refugian Stage		
26939	late Eocene Narizian or Refugian Stage		

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1	ZONE/STAGE/SERIES/AGE		
26940	late Eocene		
26941	probably late Eocene Refugian Stage		
26942	late Eocene Refugian Stage		
26943	Oligocene Zemorrian Stage		
26944	middle Miocene Luisian Stage		
26945	Miocene		
26946	middle Miocene Luisian Stage		
26947	middle Miocene Luisian Stage		
26948	middle and late Miocene Mohnian Stage		
26949	middle and late Miocene Mohnian Stage		
26950	middle and late Miocene Mohnian Stage		
26951	Oligocene Zemorrian Stage		
26952	middle and late Miocene lower Mohnian Stage		
26953	late Eocene Refugian Stage		
26954	middle Miocene		
26955	Oligocene Zemorrian Stage		
26956	late Eocene		
26957	late Eocene		
26958	Oligocene Zemorrian Stage		
26959	early Miocene upper Relizian Stage		
26960	Oligocene Zemorrian Stage		
26961	Oligocene Zemorrian Stage		
26962	late Eocene		
26963	Oligocene Zemorrian Stage		
26964	Oligocene Zemorrian Stage		
26965	early Miocene Relizian Stage		
26966	middle Miocene Luisian Stage		
26967	late Eocene		
26968	Oligocene Zemorrian Stage		
26969	Oligocene Zemorrian Stage		
26970	Miocene		
26971	Oligocene Zemorrian Stage		
26972	Miocene		
26973	Oligocene Zemorrian Stage		
26974	early Miocene Relizian Stage		
26975	Oligocene Zemorrian Stage		
26976	early Miocene Relizian Stage		
26977	Oligocene Zemorrian Stage		
26978	late Eocene		
26979	Oligocene Zemorrian Stage		
26980	Late Cretaceous C or D Zone		
26981	Oligocene Zemorrian Stage		
26982	late Eocene		
26983	early Miocene Saucesian or Relizian Stage		
26984	late Eocene		
26985	early Miocene Saucesian or Relizian Stage		
26986	middle Miocene Luisian Stage		
26987	Oligocene Zemorrian Stage		
26988	middle and late Miocene lower Mohnian Stage		
26989	late Eocene		
26990	Miocene		
26991	Miocene or Pliocene		
26992	middle Miocene Luisian Stage		
26993	not diagnostic		
26994	middle and late Miocene Mohnian Stage		
26995	middle and late Miocene Mohnian Stage		
26996	Oligocene Zemorrian Stage		
26997	middle Miocene		
26998	middle Miocene		
26999	middle and late Miocene Mohnian Stage		
27000	not diagnostic		
27001	middle Miocene Luisian Stage		
27002	middle Miocene		
27003	middle Miocene Luisian Stage		
27004	Oligocene Zemorrian Stage		
27005	middle Miocene		
27006	middle Miocene Luisian Stage		
27007	middle and late Miocene Mohnian Stage		
27008	Miocene		
27009	Pliocene		
27010	Pliocene		
27011	Pliocene		
27012	Pliocene		
27013	Pliocene		

	H	I	J
1	ZONE/STAGE/SERIES/AGE		
27014	Eocene		
27015	Late Cretaceous		
27016	Pliocene		
27017	Miocene		
27018	late Eocene		
27019	Pliocene		
27020	Pliocene		
27021	Pliocene		
27022	middle and late Miocene Mohnian Stage		
27023	Miocene		
27024	Pliocene		
27025	Pliocene		
27026	Pliocene		
27027	Pliocene		
27028	Pliocene		
27029	middle Miocene Luisian Stage		
27030	Pliocene		
27031	Pliocene		
27032	Pliocene		
27033	Pliocene		
27034	Pliocene		
27035	middle and late Miocene Mohnian Stage		
27036	Pliocene		
27037	Pliocene		
27038	Pliocene		
27039	Pliocene		
27040	Pliocene		
27041	Pliocene		
27042	Pliocene		
27043	Pliocene		
27044	Miocene or Pliocene		
27045	Pliocene		
27046	middle and late Miocene Mohnian Stage		
27047	Pliocene		
27048	Pliocene		
27049	middle Miocene		
27050	middle and late Miocene Mohnian Stage		
27051	Pliocene		
27052	Pliocene		
27053	Pliocene		
27054	Luisian		
27055	Pliocene		
27056	Pliocene		
27057	Pliocene		
27058	Pliocene		
27059	Pliocene		
27060	Pliocene		
27061	Pliocene		
27062	Pliocene		
27063	Pliocene		
27064	Pliocene		
27065	Pliocene		
27066	Pliocene		
27067	Pliocene		
27068	Pliocene		
27069	Pliocene		
27070	middle and late Miocene Mohnian Stage		
27071	Pliocene		
27072	Pliocene		
27073	middle and late Miocene Mohnian Stage		
27074	Pliocene		
27075	Pliocene		
27076	Pliocene		
27077	Pliocene		
27078	Pleistocene		
27079	Pleistocene		
27080	Pliocene		
27081	Pliocene		
27082	Miocene		
27083	Pliocene		
27084	Pliocene		
27085	Pliocene		
27086	Pliocene		
27087	Pliocene		

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1	ZONE/STAGE/SERIES/AGE		
27088	Pliocene		
27089	Pliocene		
27090	Pliocene		
27091	Miocene		
27092	Pliocene		
27093	Pliocene		
27094	Pliocene		
27095	Miocene		
27096	Pliocene		
27097	Pliocene		
27098	Pliocene		
27099	Pliocene		
27100	Miocene		
27101	Pleistocene		
27102	Pliocene		
27103	Pliocene		
27104	Pliocene		
27105	Pliocene		
27106	middle and late Miocene Mohnian Stage		
27107	Pliocene		
27108	Pliocene		
27109	Pliocene		
27110	Pliocene		
27111	Pliocene		
27112	Pliocene		
27113	middle and late Miocene Mohnian Stage		
27114	Pliocene		
27115	Pliocene		
27116	Pliocene ?		
27117	Pliocene ?		
27118	Pliocene ?		
27119	Pliocene		
27120	middle and late Miocene Mohnian Stage		
27121	middle and late Miocene Mohnian Stage		
27122	middle and late Miocene Mohnian Stage		
27123	middle Miocene Luisian Stage		
27124	middle Miocene Luisian Stage		
27125	middle and late Miocene Mohnian Stage		