

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
2	Santa Barbara	Carpenteria	1	1	SE corner of quad	18-K			Relizian			
3	Santa Barbara	Carpenteria	1	2	SE corner of quad	18-K			Relizian			
4	Santa Barbara	Carpenteria	1	3	SE corner of quad	18-K			Relizian			
5	Santa Barbara	Carpenteria	1	4	SE corner of quad	18-K			Luisian			
6	Santa Barbara	Carpenteria	1	5	SE corner of quad	18-K			Luisian			
7	Santa Barbara	Carpenteria	1	6	SE corner of quad	18-K			Luisian			
8	Santa Barbara	Carpenteria	1	7	SE corner of quad	18-K			Luisian			
9	Santa Barbara	Carpenteria	1	8	SE corner of quad	18-K			Luisian			
10	Santa Barbara	Carpenteria	1	9	SE corner of quad	18-K			Luisian			
11	Santa Barbara	Carpenteria	1	10	SE corner of quad	18-K			Luisian			
12	Santa Barbara	White Ledge Peak	3	42	SW corner of quad	6-M			Luisian			
13	Santa Barbara	White Ledge Peak	3	43	SW corner of quad	6-M			Luisian			
14	Santa Barbara	White Ledge Peak	3	44	SW corner of quad	6-M			Luisian			
15	Santa Barbara	White Ledge Peak	3	45	SW corner of quad	6-M			Luisian?			
16	Santa Barbara	White Ledge Peak	3	47	SW corner of quad	6-M			Luisian?			
17	Ventura	Matilija	4	1	Ventura Avenue	18-K			Saucesian			
18	Ventura	Matilija	4	2	Ventura Avenue	18-K			Saucesian			
19	Ventura	Matilija	4	3	Ventura Avenue	18-K			Saucesian			
20	Ventura	Matilija	4	4	Ventura Avenue	18-K			Saucesian			
21	Ventura	Matilija	4	5	Ventura Avenue	18-K			Saucesian			
22	Ventura	Moorpark	5	1RW	SC part of quad	52-K			not diagnostic			
23	Ventura	Moorpark	5	1	SC part of quad	2A			not diagnostic			
24	Ventura	Moorpark	5	2	SC part of quad	2A			not diagnostic			
25	Ventura	Moorpark	5	3	SC part of quad	2A			not diagnostic			
26	Ventura	Moorpark	5	4	SC part of quad	2A			not diagnostic			
27	Ventura	Moorpark	5	5	SC part of quad	2A			not diagnostic			
28	Ventura	Moorpark	5	6	SC part of quad	2A			not diagnostic			
29	Ventura	Thousand Oaks	6	2	Bus Canyon	5-L			Cretaceous			
30	Ventura	Thousand Oaks	6	3	Bus Canyon	5-L			Cretaceous			
31	Ventura	Thousand Oaks	6	4	Bus Canyon	5-L			Cretaceous			
32	Ventura	Thousand Oaks	6	9	Bus Canyon	5-L	strat column		Eocene			
33	Ventura	Thousand Oaks	6	10	Bus Canyon	5-L			Eocene			
34	Ventura	Thousand Oaks	6	11	Bus Canyon	5-L			Eocene			
35	Ventura	Thousand Oaks	6	12	Bus Canyon	5-L			Eocene			
36	Ventura	Thousand Oaks	6	13	Bus Canyon	5-L			Eocene			
37	Ventura	Thousand Oaks	6	14	Bus Canyon	5-L			Eocene			
38	Ventura	Thousand Oaks	6	15	Bus Canyon	5-L			Eocene			
39	Ventura	Thousand Oaks	6	16	Bus Canyon	5-L			Eocene			
40	Ventura	Thousand Oaks	6	17	Bus Canyon	5-L			Eocene			
41	Ventura	Thousand Oaks	6	19	Bus Canyon	5-L			Eocene			
42	Ventura	Thousand Oaks	6	20	Bus Canyon	5-L			Eocene			
43	Ventura	Thousand Oaks	6	21	Bus Canyon	5-L			Eocene			
44	Ventura	Thousand Oaks	6	22	Bus Canyon	5-L			Eocene			
45	Ventura	Thousand Oaks	6	23	Bus Canyon	5-L			Eocene			
46	Ventura	Thousand Oaks	6	24	Bus Canyon	5-L			Eocene			
47	Ventura	Thousand Oaks	6	25	Bus Canyon	5-L			Eocene			
48	Ventura	Thousand Oaks	6	26	Bus Canyon	5-L			Eocene			
49	Ventura	Thousand Oaks	6	27	Bus Canyon	5-L			Eocene			
50	Ventura	Thousand Oaks	6	28	Bus Canyon	5-L			Eocene			
51	Ventura	Thousand Oaks	6	29	Bus Canyon	5-L			Eocene			
52	Ventura	Thousand Oaks	6	30	Bus Canyon	5-L			Eocene			
53	Ventura	Thousand Oaks	6	31	Bus Canyon	5-L			Eocene			
54	Ventura	Thousand Oaks	6	32	Bus Canyon	5-L			Eocene			
55	Ventura	Thousand Oaks	6	33	Bus Canyon	5-L			Eocene			
56	Ventura	Thousand Oaks	6	34	Bus Canyon	5-L			Eocene			
57	Ventura	Thousand Oaks	6	35	Bus Canyon	5-L			Eocene			
58	Ventura	Thousand Oaks	6	36	Bus Canyon	5-L			Eocene			
59	Ventura	Thousand Oaks	6	37	Bus Canyon	5-L			Eocene			
60	Ventura	Thousand Oaks	6	38	Bus Canyon	5-L			Eocene			
61	Ventura	Thousand Oaks	6	39	Bus Canyon	5-L			Eocene			
62	Ventura	Thousand Oaks	6	40	Bus Canyon	5-L			Eocene			
63	Ventura	Thousand Oaks	6	41	Bus Canyon	5-L			Eocene			
64	Ventura	Thousand Oaks	6	42	Bus Canyon	5-L			Eocene			
65	Ventura	Thousand Oaks	6	43	Bus Canyon	5-L			Eocene			
66	Ventura	Thousand Oaks	6	44	Bus Canyon	5-L			Eocene			
67	Ventura	Thousand Oaks	6	45	Bus Canyon	5-L			Eocene			
68	Ventura	Thousand Oaks	6	46	Bus Canyon	5-L			Eocene			
69	Ventura	Thousand Oaks	6	47	Bus Canyon	5-L			Eocene			
70	Ventura	Thousand Oaks	6	48	Bus Canyon	5-L			Eocene			
71	Ventura	Thousand Oaks	6	49	Bus Canyon	5-L			Eocene			
72	Ventura	Thousand Oaks	6	50	Bus Canyon	5-L			Eocene			
73	Ventura	Thousand Oaks	6	51	Bus Canyon	5-L			Eocene			
74	Ventura	Thousand Oaks	6	52	Bus Canyon	5-L			Eocene			
75	Ventura	Thousand Oaks	6	53	Bus Canyon	5-L			Eocene			
76	Ventura	Thousand Oaks	6	54	Bus Canyon	5-L			Eocene			
77	Ventura	Thousand Oaks	6	55	Bus Canyon	5-L			Eocene			
78	Ventura	Thousand Oaks	6	56	Bus Canyon	5-L			Eocene			
79	Ventura	Thousand Oaks	6	57	Bus Canyon	5-L			Eocene			
80	Ventura	Thousand Oaks	6	58	Bus Canyon	5-L			Eocene			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
87	Ventura	Thousand Oaks	6	65	Bus Canyon	5-M			Eocene			
88	Ventura	Thousand Oaks	6	66	Bus Canyon	5-M			Eocene			
89	Ventura	Thousand Oaks	6	67	Bus Canyon	5-M			Eocene			
90	Ventura	Thousand Oaks	6	68	Bus Canyon	5-M			Eocene			
91	Ventura	Thousand Oaks	6	69	Bus Canyon	5-M			Eocene			
92	Ventura	Thousand Oaks	6	70	Bus Canyon	5-M			Eocene			
93	Ventura	Thousand Oaks	6	71	Bus Canyon	5-M			Eocene			
94	Ventura	Thousand Oaks	6	72	Bus Canyon	5-M			Eocene			
95	Ventura	Thousand Oaks	6	73	Bus Canyon	5-M			Eocene			
96	Ventura	Thousand Oaks	6	74	Bus Canyon	5-M			Eocene			
97	Ventura	Thousand Oaks	6	75	Bus Canyon	5-M			Eocene			
98	Ventura	Thousand Oaks	6	76	Bus Canyon	5-M			Eocene			
99	Ventura	Thousand Oaks	6	77	Bus Canyon	5-M			Eocene			
100	Ventura	Thousand Oaks	6	78	Bus Canyon	5-M			Eocene			
101	Ventura	Thousand Oaks	6	79	Bus Canyon	5-M			Eocene			
102	Ventura	Thousand Oaks	6	81	Bus Canyon	5-M			Eocene			
103	Ventura	Thousand Oaks	6	82	Bus Canyon	5-M			Eocene			
104	Ventura	Thousand Oaks	6	83	Bus Canyon	5-M			Eocene			
105	Ventura	Thousand Oaks	6	84	Bus Canyon	5-M			Eocene			
106	Ventura	Thousand Oaks	6	85	Bus Canyon	5-M			Eocene			
107	Ventura	Thousand Oaks	6	86	Bus Canyon	5-M			Eocene			
108	Ventura	Thousand Oaks	6	87	Bus Canyon	5-M			Eocene			
109	Ventura	Thousand Oaks	6	88	Bus Canyon	5-M			Eocene			
110	Ventura	Thousand Oaks	6	89	Bus Canyon	5-M			Eocene			
111	Ventura	Thousand Oaks	6	90	Bus Canyon	5-M			Eocene			
112	Ventura	Thousand Oaks	6	91	Bus Canyon	5-M			Eocene			
113	Ventura	Thousand Oaks	6	92	Bus Canyon	5-M			Eocene			
114	Ventura	Thousand Oaks	6	93	Bus Canyon	5-M			Eocene			
115	Ventura	Thousand Oaks	6	94	Bus Canyon	5-M			Eocene			
116	Ventura	Thousand Oaks	6	95	Bus Canyon	5-M			Eocene			
117	Ventura	Thousand Oaks	6	96	Bus Canyon	5-M			Eocene			
118	Ventura	Thousand Oaks	6	97	Bus Canyon	5-M			Eocene			
119	Ventura	Thousand Oaks	6	98	Bus Canyon	5-M			Eocene			
120	Ventura	Thousand Oaks	6	99	Bus Canyon	5-M			Eocene			
121	Ventura	Thousand Oaks	6	100	Bus Canyon	5-M			Eocene			
122	Ventura	Thousand Oaks	6	101	Bus Canyon	5-M			Eocene			
123	Ventura	Thousand Oaks	6	102	Bus Canyon	5-M			Eocene			
124	Ventura	Thousand Oaks	6	103	Bus Canyon	5-M			Eocene			
125	Ventura	Thousand Oaks	6	104	Bus Canyon	5-M			Eocene			
126	Ventura	Thousand Oaks	6	105	Bus Canyon	5-M			Eocene			
127	Ventura	Thousand Oaks	6	106	Bus Canyon	5-M			Eocene			
128	Ventura	Thousand Oaks	6	107	Bus Canyon	5-M			Eocene			
129	Ventura	Thousand Oaks	6	108	Bus Canyon	5-M			Eocene			
130	Ventura	Thousand Oaks	6	109	Bus Canyon	5-M			Eocene			
131	Ventura	Thousand Oaks	6	110	Bus Canyon	5-M			Eocene			
132	Ventura	Thousand Oaks	6	111	Bus Canyon	5-M			Eocene			
133	Ventura	Thousand Oaks	6	112	Bus Canyon	5-M			Eocene			
134	Ventura	Thousand Oaks	6	113	Bus Canyon	5-M			Eocene			
135	Ventura	Thousand Oaks	6	114	Bus Canyon	5-M			Eocene			
136	Ventura	Thousand Oaks	6	115	Bus Canyon	5-N			Eocene			
137	Ventura	Thousand Oaks	6	116	Bus Canyon	5-N			Eocene			
138	Ventura	Thousand Oaks	6	117	Bus Canyon	5-N			Eocene			
139	Ventura	Thousand Oaks	6	118	Bus Canyon	5-N			Eocene			
140	Ventura	Thousand Oaks	6	119	Bus Canyon	5-N			Eocene			
141	Ventura	Thousand Oaks	6	120	Bus Canyon	5-N			Eocene			
142	Ventura	Thousand Oaks	6	121	Bus Canyon	5-N			Eocene			
143	Ventura	Thousand Oaks	6	122	Bus Canyon	5-N			Eocene			
144	Ventura	Thousand Oaks	6	123	Bus Canyon	5-N			Eocene			
145	Ventura	Thousand Oaks	6	124	Bus Canyon	5-N			Eocene			
146	Ventura	Thousand Oaks	6	125	Bus Canyon	5-N			Eocene			
147	Ventura	Thousand Oaks	6	126	Bus Canyon	5-N			Eocene			
148	Ventura	Pitas Point	7	4	Las Sauces Ck	5-B			Pliocene			
149	Ventura	Pitas Point	7	5	Las Sauces Ck	5-B			Pliocene			
150	Ventura	Pitas Point	7	6	Las Sauces Ck	5-B			Pliocene			
151	Ventura	Pitas Point	7	7	Las Sauces Ck	5-B			Pliocene			
152	Ventura	Pitas Point	7	8	Las Sauces Ck	5-B			Pliocene			
153	Ventura	Pitas Point	7	9	Las Sauces Ck	5-B			Pliocene			
154	Ventura	Pitas Point	7	10	Las Sauces Ck	5-B			Pliocene			
155	Ventura	Pitas Point	7	11A	Las Sauces Ck	5-B			Pliocene			
156	Ventura	Pitas Point	7	11B	Las Sauces Ck	5-B			Pliocene			
157	Ventura	Pitas Point	7	13	Las Sauces Ck	5-B			Pliocene			
158	Ventura	Pitas Point	7	14	Las Sauces Ck	5-B			Pliocene			
159	Ventura	Pitas Point	7	15	Las Sauces Ck	5-B			Pliocene			
160	Ventura	Pitas Point	7	16	Las Sauces Ck	5-B			Pliocene			
161	Ventura	Pitas Point	7	17	Las Sauces Ck	5-B			Pliocene			
162	Ventura	Pitas Point	7	18	Las Sauces Ck	5-B			Pliocene			
163	Ventura	Pitas Point	7	19	Las Sauces Ck	5-B			Pliocene			
164	Ventura	Pitas Point	7	20	Las Sauces Ck	5-B			Pliocene			
165	Ventura	Pitas Point	7	21	Las Sauces Ck	5-B			Pliocene			
166	Ventura	Pitas Point	7	22	Las Sauces Ck	5-B			Pliocene			
167	Ventura	Pitas Point	7	23	Las Sauces Ck	5-B			Pliocene			
168	Ventura	Pitas Point	7	24	Las Sauces Ck	5-B			Pliocene			
169	Ventura	Pitas Point	8	1	Padre Cyn	5-B			no age provided			
170	Ventura	Pitas Point	8	2	Padre Cyn	5-B			no age provided			
171	Ventura	Pitas Point	8	3	Padre Cyn	5-B			no age provided			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
172	Ventura	Pitas Point	8	4	Padre Cyn	5-B			no age provided			
173	Ventura	Pitas Point	8	5	Padre Cyn	5-B			no age provided			
174	Ventura	Pitas Point	8	6	Padre Cyn	5-B			no age provided			
175	Ventura	Pitas Point	8	7	Padre Cyn	5-B			no age provided			
176	Ventura	Pitas Point	8	8	Padre Cyn	5-B			no age provided			
177	Ventura	Pitas Point	8	9	Padre Cyn	5-B			no age provided			
178	Ventura	Pitas Point	8	10	Padre Cyn	5-B			no age provided			
179	Ventura	Pitas Point	8	11	Padre Cyn	5-B			no age provided			
180	Ventura	Pitas Point	8	12	Padre Cyn	5-B			no age provided			
181	Ventura	Pitas Point	8	13	Padre Cyn	5-B			no age provided			
182	Ventura	Pitas Point	8	14	Padre Cyn	5-B			no age provided			
183	Ventura	Pitas Point	8	15	Padre Cyn	5-B			no age provided			
184	Ventura	Pitas Point	8	16	Padre Cyn	5-B			no age provided			
185	Ventura	Pitas Point	8	17	Padre Cyn	5-B			no age provided			
186	Ventura	Pitas Point	8	18	Padre Cyn	5-B			no age provided			
187	Ventura	Pitas Point	8	19	Padre Cyn	5-B			no age provided			
188	Ventura	Pitas Point	8	20	Padre Cyn	5-B			no age provided			
189	Ventura	Pitas Point	8	21	Padre Cyn	5-B			no age provided			
190	Ventura	Pitas Point	8	22	Padre Cyn	5-B			no age provided			
191	Ventura	Pitas Point	8	23	Padre Cyn	5-B			no age provided			
192	Ventura	Ventura	9	1	WC part of quad	5-A			no paleo info			
193	Ventura	Ventura	9	2	WC part of quad	5-A			no paleo info			
194	Ventura	Ventura	9	3	WC part of quad	5-A			no paleo info			
195	Ventura	Ventura	9	4	WC part of quad	5-A			no paleo info			
196	Ventura	Ventura	9	5	WC part of quad	5-A			Miocene			
197	Ventura	Ventura	9	6	WC part of quad	5-A			Miocene/Pliocene			
198	Ventura	Ventura	9	7	WC part of quad	5-A			no paleo info			
199	Ventura	Ventura	9	8	WC part of quad	5-A			no paleo info			
200	Ventura	Ventura	9	9	WC part of quad	5-A			no paleo info			
201	Ventura	Ventura	9	10	WC part of quad	5-A			no paleo info			
202	Ventura	Ventura	9	11	WC part of quad	5-A			no paleo info			
203	Ventura	Ventura	9	12	WC part of quad	5-A			no paleo info			
204	Ventura	Ventura	9	13	WC part of quad	5-A			no paleo info			
205	Ventura	Ventura	9	14	WC part of quad	5-A			no paleo info			
206	Ventura	Ventura	9	15	WC part of quad	5-A			no paleo info			
207	Ventura	Ventura	9	16	WC part of quad	5-A			Miocene			
208	San Luis Obispo	Pismo Beach	10	93	Along Hwy 101	68-H	Arroyo Grande 15'		no paleo info			
209	San Luis Obispo	Pismo Beach	10	93	Along Hwy 102	68-H	Arroyo Grande 15'		no paleo info			
210	San Luis Obispo	Pismo Beach	10	94	Along Hwy 103	68-H	Arroyo Grande 15'		no paleo info			
211	San Luis Obispo	Tar Springs Ridge	13	89	Dry Cyn Huasna	68-A	Nipomo 15'		no paleo info			
212	San Luis Obispo	Tar Springs Ridge	13	90	Dry Cyn Huasna	68-A	Nipomo 15'		no paleo info			
213	San Luis Obispo	Tar Springs Ridge	13	91	Dry Cyn Huasna	68-A	Nipomo 15'		no paleo info			
214	San Luis Obispo	Tar Springs Ridge	13	92	Dry Cyn Huasna	68-A	Nipomo 15'		no paleo info			
215	San Luis Obispo	Tar Springs Ridge	13	93	Dry Cyn Huasna	68-A	Nipomo 15'		no paleo info			
216	San Luis Obispo	Tar Springs Ridge	13	94	Dry Cyn Huasna	68-A	Nipomo 15'		no paleo info			
217	San Luis Obispo	Tar Springs Ridge	13	95	Dry Cyn Huasna	68-A	Nipomo 15'		no paleo info			
218	San Luis Obispo	Tar Springs Ridge	13	96	Dry Cyn Huasna	68-A	Nipomo 15'		no paleo info			
219	San Luis Obispo	Huasna Peak	14	1	WC part of quad	68-A	Nipomo 15'		no paleo info			
220	San Luis Obispo	Huasna Peak	14	2	WC part of quad	68-A	Nipomo 15'		no paleo info			
221	San Luis Obispo	Huasna Peak	14	4	WC part of quad	68-A	Nipomo 15'		no paleo info			
222	San Luis Obispo	Huasna Peak	14	5	WC part of quad	68-A	Nipomo 15'		no paleo info			
223	San Luis Obispo	Huasna Peak	14	6	WC part of quad	68-A	Nipomo 15'		no paleo info			
224	San Luis Obispo	Huasna Peak	14	7	WC part of quad	68-A	Nipomo 15'		no paleo info			
225	San Luis Obispo	Huasna Peak	14	8	WC part of quad	68-A	Nipomo 15'		no paleo info			
226	San Luis Obispo	Huasna Peak	14	9	WC part of quad	68-A	Nipomo 15'		no paleo info			
227	San Luis Obispo	Huasna Peak	14	10	WC part of quad	68-A	Nipomo 15'		no paleo info			
228	San Luis Obispo	Huasna Peak	14	14	WC part of quad	68-A	Nipomo 15'		no paleo info			
229	San Luis Obispo	Pentland	15	13	Cienega Canyon	144-G			no paleo info			
230	San Luis Obispo	Pentland	15	21	Cienega Canyon	144-G			no paleo info			
231	San Luis Obispo	Lopez Mountain	16	10	SE corner of quad	68-A	S Luis Obispo 15'		no paleo info			
232	San Luis Obispo	Lopez Mountain	16	11	SE corner of quad	68-A	S Luis Obispo 15'		no paleo info			
233	San Luis Obispo	Lopez Mountain	16	12	SE corner of quad	68-A	S Luis Obispo 15'		no paleo info			
234	San Luis Obispo	Lopez Mountain	16	13	SE corner of quad	68-A	S Luis Obispo 15'		no paleo info			
235	San Luis Obispo	Lopez Mountain	16	14	SE corner of quad	68-A	S Luis Obispo 15'		no paleo info			
236	San Luis Obispo	Huasna Peak	17	2	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
237	San Luis Obispo	Huasna Peak	17	3	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
238	San Luis Obispo	Huasna Peak	17	4	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
239	San Luis Obispo	Huasna Peak	17	5	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
240	San Luis Obispo	Huasna Peak	17	6	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
241	San Luis Obispo	Huasna Peak	17	7	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
242	San Luis Obispo	Huasna Peak	17	8	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
243	San Luis Obispo	Huasna Peak	17	9	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
244	San Luis Obispo	Huasna Peak	17	10	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
245	San Luis Obispo	Huasna Peak	17	12	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
246	San Luis Obispo	Huasna Peak	17	13	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
247	San Luis Obispo	Huasna Peak	17	14	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
248	San Luis Obispo	Huasna Peak	17	15	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
249	San Luis Obispo	Huasna Peak	17	16	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
250	San Luis Obispo	Huasna Peak	17	17	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
251	San Luis Obispo	Huasna Peak	17	18	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
252	San Luis Obispo	Huasna Peak	17	19	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
253	San Luis Obispo	Huasna Peak	17	20	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
254	San Luis Obispo	Huasna Peak	17	21	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
255	San Luis Obispo	Huasna Peak	17	25	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
256	San Luis Obispo	Huasna Peak	17	26	Vaquero Flat	68-A	Nipomo 15'		no paleo info			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
257	San Luis Obispo	Huasna Peak	17	27	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
258	San Luis Obispo	Huasna Peak	17	28	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
259	San Luis Obispo	Huasna Peak	17	30	Vaquero Flat	68-A	Nipomo 15'		no paleo info			
260	San Luis Obispo	Huasna Peak	18	2	Porter Ranch	68-A	Nipomo 15'		barren			
261	San Luis Obispo	Huasna Peak	18	3	Porter Ranch	68-A	Nipomo 15'		barren			
262	San Luis Obispo	Huasna Peak	18	4	Porter Ranch	68-A	Nipomo 15'		barren			
263	San Luis Obispo	Huasna Peak	18	5	Porter Ranch	68-B	Nipomo 15'		barren			
264	San Luis Obispo	Huasna Peak	18	6	Porter Ranch	68-B	Nipomo 15'		barren			
265	San Luis Obispo	Huasna Peak	18	7	Porter Ranch	68-B	Nipomo 15'		barren			
266	San Luis Obispo	Huasna Peak	18	8	Porter Ranch	68-B	Nipomo 15'		barren			
267	San Luis Obispo	Huasna Peak	18	9	Porter Ranch	68-B	Nipomo 15'		barren			
268	San Luis Obispo	Huasna Peak	18	10	Porter Ranch	68-B	Nipomo 15'		barren			
269	San Luis Obispo	Huasna Peak	18	11	Porter Ranch	68-B	Nipomo 15'		Upper Miocene			
270	San Luis Obispo	Huasna Peak	18	12	Porter Ranch	68-B	Nipomo 15'		Upper Miocene			
271	San Luis Obispo	Huasna Peak	18	13	Porter Ranch	68-B	Nipomo 15'		barren			
272	San Luis Obispo	Huasna Peak	18	14	Porter Ranch	68-B	Nipomo 15'		barren			
273	San Luis Obispo	Huasna Peak	18	15	Porter Ranch	68-B	Nipomo 15'		barren			
274	San Luis Obispo	Huasna Peak	18	16	Porter Ranch	68-B	Nipomo 15'		barren			
275	San Luis Obispo	Huasna Peak	18	17	Porter Ranch	68-B	Nipomo 15'		barren			
276	San Luis Obispo	Huasna Peak	18	18	Porter Ranch	68-B	Nipomo 15'		barren			
277	San Luis Obispo	Huasna Peak	18	19	Porter Ranch	68-B	Nipomo 15'		Miocene			
278	San Luis Obispo	Huasna Peak	18	20	Porter Ranch	68-B	Nipomo 15'		barren			
279	San Luis Obispo	Huasna Peak	18	21	Porter Ranch	68-B	Nipomo 15'		barren			
280	San Luis Obispo	Huasna Peak	18	22	Porter Ranch	68-B	Nipomo 15'		barren			
281	San Luis Obispo	Huasna Peak	18	23	Porter Ranch	68-B	Nipomo 15'		not diagnostic			
282	San Luis Obispo	Huasna Peak	18	24	Porter Ranch	68-B	Nipomo 15'		barren			
283	San Luis Obispo	Huasna Peak	18	25	Porter Ranch	68-B	Nipomo 15'		barren			
284	San Luis Obispo	Huasna Peak	18	26	Porter Ranch	68-B	Nipomo 15'		barren			
285	San Luis Obispo	Huasna Peak	18	27	Porter Ranch	68-B	Nipomo 15'		barren			
286	San Luis Obispo	Huasna Peak	18	28	Porter Ranch	68-B	Nipomo 15'		barren			
287	San Luis Obispo	Huasna Peak	18	29	Porter Ranch	68-B	Nipomo 15'		barren			
288	San Luis Obispo	Huasna Peak	18	30	Porter Ranch	68-B	Nipomo 15'		barren			
289	San Luis Obispo	Huasna Peak	18	31	Porter Ranch	68-B	Nipomo 15'		barren			
290	Ventura	Point Magu	20	5	NC part of quad	1-B		c	no paleo info			
291	Ventura	Point Magu	20	8	NC part of quad	1-B			no paleo info			
292	Ventura	Point Magu	20	9	NC part of quad	1-B			no paleo info			
293	Los Angeles	Point Dume?	21	1	not found	2-L			Luisian/Relizian	Reid		
294	Los Angeles	Point Dume?	21	1RS	not found	2-L			no paleo info	Reid		
295	Los Angeles	Point Dume?	21	2	not found	2-L			Luisian	Reid		
296	Los Angeles	Point Dume?	21	2RS	not found	2-L			Luisian	Reid		
297	Los Angeles	Point Dume?	21	3	not found	2-L			Luisian	Reid		
298	Los Angeles	Point Dume?	21	4	not found	2-L			Luisian	Reid		
299	Los Angeles	Point Dume?	21	7	not found	2-L			Luisian	Reid		
300	Los Angeles	Point Dume?	21	8	not found	2-L			no paleo info	Reid		
301	Los Angeles	Point Dume?	21	10	not found	2-L			no paleo info	Reid		
302	Los Angeles	Point Dume?	21	11	not found	49-L			Luisian			
303	Los Angeles	Point Dume?	21	11	not found	1-B			no paleo info			
304	Los Angeles	Point Dume?	21	15	not found	2-L			no paleo info			
305	Ventura	Val Verde	28	5	S of Pioneer	D-3			no paleo info			
306	Los Angeles	Los Angeles	33		Repetto Hills	125-H			Pliocene			
307	Los Angeles	Los Angeles	33	slide 1	Repetto Hills	127-M			Pliocene			
308	Los Angeles	Los Angeles	33	slide 2	Repetto Hills	127-M			Pliocene			
309	Los Angeles	Los Angeles	33	slide 3	Repetto Hills	127-M			Pliocene			
310	Los Angeles	Los Angeles	33	slide 4	Repetto Hills	127-M			Pliocene			
311	Los Angeles	Los Angeles	33	slide 5	Repetto Hills	127-M			Pliocene			
312	Los Angeles	Los Angeles	33	1	Repetto Hills	8-H			Pliocene			
313	Los Angeles	Los Angeles	33	2	Repetto Hills	8-H			Pliocene			
314	Los Angeles	Los Angeles	33	3	Repetto Hills	8-H			Pliocene			
315	Los Angeles	Los Angeles	33	4	Repetto Hills	8-H			Pliocene			
316	Los Angeles	Los Angeles	33	5	Repetto Hills	8-H			Pliocene			
317	Los Angeles	Los Angeles	33	6	Repetto Hills	8-H			Pliocene			
318	Los Angeles	Los Angeles	33	7	Repetto Hills	8-H			Pliocene			
319	Los Angeles	Los Angeles	33	8	Repetto Hills	8-H			Pliocene			
320	Los Angeles	Los Angeles	33	9	Repetto Hills	8-H			Pliocene			
321	Los Angeles	Los Angeles	33	10	Repetto Hills	8-H			Pliocene			
322	Los Angeles	Los Angeles	33	11	Repetto Hills	8-G			Pliocene			
323	Los Angeles	Los Angeles	33	12	Repetto Hills	8-G			Pliocene			
324	Los Angeles	Los Angeles	33	13	Repetto Hills	8-G			Pliocene			
325	Los Angeles	Los Angeles	33	14	Repetto Hills	8-G			Pliocene			
326	Los Angeles	Los Angeles	33	15	Repetto Hills	8-G			Pliocene			
327	Los Angeles	Los Angeles	33	16	Repetto Hills	8-G			Pliocene			
328	Los Angeles	Los Angeles	33	17	Repetto Hills	8-G			Pliocene			
329	Los Angeles	Los Angeles	33	18	Repetto Hills	8-G			Pliocene			
330	Los Angeles	Los Angeles	33	19	Repetto Hills	8-G			Pliocene			
331	Los Angeles	Los Angeles	33	20	Repetto Hills	8-G			Pliocene			
332	Los Angeles	Los Angeles	33	21	Repetto Hills	8-G			Pliocene			
333	Los Angeles	Los Angeles	33	22	Repetto Hills	8-G			Pliocene			
334	Los Angeles	Los Angeles	33	23	Repetto Hills	8-G			Pliocene			
335	Los Angeles	Los Angeles	33	24	Repetto Hills	8-G			Pliocene			
336	Los Angeles	Los Angeles	33	25	Repetto Hills	8-G			Pliocene			
337	Los Angeles	Los Angeles	33	26	Repetto Hills	8-G			Pliocene			
338	Los Angeles	Los Angeles	33	27	Repetto Hills	8-G			Pliocene			
339	Los Angeles	Los Angeles	33	28	Repetto Hills	8-G			Pliocene			
340	Los Angeles	Los Angeles	33	29	Repetto Hills	8-G			Pliocene			
341	Los Angeles	Los Angeles	33	30	Repetto Hills	8-G			Pliocene			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
512	Los Angeles	Los Angeles	33	201	Repetto Hills	8-D			Pliocene			
513	Los Angeles	Los Angeles	33	202	Repetto Hills	8-D			Pliocene			
514	Los Angeles	Los Angeles	33	203	Repetto Hills	8-D			Pliocene			
515	Los Angeles	Los Angeles	33	204	Repetto Hills	8-D			Pliocene			
516	Los Angeles	Los Angeles	33	205	Repetto Hills	8-D			Pliocene			
517	Los Angeles	Los Angeles	33	206	Repetto Hills	8-D			Pliocene			
518	Los Angeles	Los Angeles	33	207	Repetto Hills	8-D			Pliocene			
519	Los Angeles	Los Angeles	33	208	Repetto Hills	8-D			Pliocene			
520	Los Angeles	Los Angeles	33	209	Repetto Hills	8-D			Pliocene			
521	Los Angeles	Los Angeles	33	210	Repetto Hills	8-D			Pliocene			
522	Los Angeles	Los Angeles	33	211	Repetto Hills	8-D			Pliocene			
523	Los Angeles	Los Angeles	33	212	Repetto Hills	8-D			Pliocene			
524	Los Angeles	Los Angeles	33	213	Repetto Hills	8-D			Pliocene			
525	Los Angeles	Los Angeles	33	214	Repetto Hills	8-D			Pliocene			
526	Los Angeles	Los Angeles	33	215	Repetto Hills	8-D			Pliocene			
527	Los Angeles	Los Angeles	33	216	Repetto Hills	8-D			Pliocene			
528	Los Angeles	Los Angeles	33	217	Repetto Hills	8-D			Pliocene			
529	Los Angeles	Los Angeles	33	218	Repetto Hills	8-D			Pliocene			
530	Los Angeles	Los Angeles	33	219	Repetto Hills	8-D			Pliocene			
531	Los Angeles	Los Angeles	33	220	Repetto Hills	8-D			Pliocene			
532	Los Angeles	Los Angeles	33	221	Repetto Hills	8-D			Pliocene			
533	Los Angeles	Los Angeles	33	222	Repetto Hills	8-D			Pliocene			
534	Los Angeles	Los Angeles	33	223	Repetto Hills	8-D			Pliocene			
535	Los Angeles	Los Angeles	33	224	Repetto Hills	8-D			Pliocene			
536	Los Angeles	Los Angeles	33	225	Repetto Hills	8-D			Pliocene			
537	Los Angeles	Los Angeles	33	226	Repetto Hills	8-D			Pliocene			
538	Los Angeles	Los Angeles	33	227	Repetto Hills	8-D			Pliocene			
539	Los Angeles	Los Angeles	33	228	Repetto Hills	8-D			Pliocene			
540	Los Angeles	Los Angeles	33	229	Repetto Hills	8-C			Pliocene			
541	Los Angeles	Los Angeles	33	230	Repetto Hills	8-C			Pliocene			
542	Los Angeles	Los Angeles	33	231	Repetto Hills	8-C			Pliocene			
543	Los Angeles	Los Angeles	33	232	Repetto Hills	8-C			Pliocene			
544	Los Angeles	Los Angeles	33	233	Repetto Hills	8-C			Pliocene			
545	Los Angeles	Los Angeles	33	234	Repetto Hills	8-C			Pliocene			
546	Los Angeles	Los Angeles	33	235	Repetto Hills	8-C			Pliocene			
547	Ventura	Piru	35	1	SW part of quad	23-N			Saucesian			
548	Ventura	Piru	35	3	SW part of quad	23-N			Saucesian			
549	Ventura	Piru	35	4	SW part of quad	23-N			Saucesian			
550	Ventura	Piru	35	5	SW part of quad	23-N			Saucesian			
551	Ventura	Piru	35	9	SW part of quad	23-N			Upper Saucesian			
552	Ventura	Piru	35	12	SW part of quad	23-N			not diagnostic			
553	Ventura	Val Verde	36	1	NW part of quad	37-A			no age provided			
554	Ventura	Val Verde	36	2	NW part of quad	37-A			no age provided			
555	Ventura	Val Verde	36	3	NW part of quad	37-A			no age provided			
556	Ventura	Val Verde	36	4	NW part of quad	37-A			no age provided			
557	Ventura	Val Verde	36	5	NW part of quad	37-A			no age provided			
558	Ventura	Val Verde	36	6	NW part of quad	37-A			no age provided			
559	Ventura	Val Verde	36	7	NW part of quad	37-A			no age provided			
560	Ventura	Val Verde	36	8	NW part of quad	37-A			no age provided			
561	Ventura	Val Verde	36	9	NW part of quad	37-A			no age provided			
562	Ventura	Val Verde	36	9.5	NW part of quad	37-A			no age provided			
563	Ventura	Val Verde	36	10	NW part of quad	37-A			no age provided			
564	Ventura	Val Verde	36	11	NW part of quad	37-A			no age provided			
565	Ventura	Val Verde	36	12	NW part of quad	37-A			no age provided			
566	Ventura	Val Verde	36	13A	NW part of quad	37-A			no age provided			
567	Ventura	Val Verde	36	13B	NW part of quad	37-A			no age provided			
568	Ventura	Val Verde	36	14	NW part of quad	37-A			no age provided			
569	Ventura	Val Verde	36	15	NW part of quad	37-A			no age provided			
570	Ventura	Val Verde	36	16	NW part of quad	37-A			no age provided			
571	Ventura	Val Verde	36	16A	NW part of quad	37-A			no age provided			
572	Ventura	Val Verde	36	16B	NW part of quad	37-A			no age provided			
573	Ventura	Val Verde	36	17	NW part of quad	37-A			no age provided			
574	Ventura	Val Verde	36	18	NW part of quad	37-A			no age provided			
575	Ventura	Val Verde	36	18A	NW part of quad	37-A			no age provided			
576	Ventura	Val Verde	36	18B	NW part of quad	37-A			no age provided			
577	Ventura	Val Verde	36	19	NW part of quad	37-A			no age provided			
578	Ventura	Val Verde	36	20	NW part of quad	37-A			no age provided			
579	Ventura	Val Verde	36	21	NW part of quad	37-A			no age provided			
580	Ventura	Val Verde	36	22	NW part of quad	37-A			no age provided			
581	Ventura	Val Verde	36	23	NW part of quad	37-A			no age provided			
582	Ventura	Val Verde	36	24	NW part of quad	37-A			no age provided			
583	Ventura	Val Verde	36	25	NW part of quad	37-A			no age provided			
584	Ventura	Val Verde	36	25A	NW part of quad	37-A			no age provided			
585	Ventura	Val Verde	36	26	NW part of quad	37-A			no age provided			
586	Ventura	Val Verde	36	27	NW part of quad	37-A			no age provided			
587	Ventura	Val Verde	36	28	NW part of quad	37-A			no age provided			
588	Ventura	Val Verde	36	29	NW part of quad	37-A			no age provided			
589	Ventura	Val Verde	36	30	NW part of quad	37-A			no age provided			
590	Ventura	Val Verde	36	30A	NW part of quad	37-A			no age provided			
591	Ventura	Val Verde	36	31	NW part of quad	37-A			no age provided			
592	Ventura	Val Verde	36	32A	NW part of quad	37-A			no age provided			
593	Ventura	Val Verde	36	32B	NW part of quad	37-A			no age provided			
594	Ventura	Val Verde	36	32C	NW part of quad	37-A			no age provided			
595	Ventura	Val Verde	36	32D	NW part of quad	37-A			no age provided			
596	Ventura	Val Verde	36	32E	NW part of quad	37-A			no age provided			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
597	Ventura	Val Verde	36	33A	NW part of quad	37-A			no age provided			
598	Ventura	Val Verde	36	33B	NW part of quad	37-A			no age provided			
599	Ventura	Val Verde	36	33C	NW part of quad	37-A			no age provided			
600	Ventura	Val Verde	36	34A	NW part of quad	37-A			no age provided			
601	Ventura	Val Verde	36	34B	NW part of quad	37-A			no age provided			
602	Ventura	Val Verde	36	35A	NW part of quad	37-A			no age provided			
603	Ventura	Val Verde	36	35B	NW part of quad	37-A			no age provided			
604	Ventura	Val Verde	36	36	NW part of quad	37-B			no age provided			
605	Ventura	Val Verde	36	37	NW part of quad	37-B			no age provided			
606	Ventura	Val Verde	36	38A	NW part of quad	37-B			no age provided			
607	Ventura	Val Verde	36	38B	NW part of quad	37-B			no age provided			
608	Ventura	Val Verde	36	39	NW part of quad	37-B			no age provided			
609	Ventura	Val Verde	36	40	NW part of quad	37-B			no age provided			
610	Ventura	Val Verde	36	41	NW part of quad	37-B			no age provided			
611	Ventura	Val Verde	36	42	NW part of quad	37-B			no age provided			
612	Ventura	Val Verde	36	43A	NW part of quad	37-B			no age provided			
613	Ventura	Val Verde	36	43B	NW part of quad	37-B			no age provided			
614	Ventura	Val Verde	36	44	NW part of quad	37-B			no age provided			
615	Ventura	Val Verde	36	45	NW part of quad	37-B			no age provided			
616	Ventura	Val Verde	36	46	NW part of quad	37-B			no age provided			
617	Ventura	Val Verde	36	50	NW part of quad	37-B			no age provided			
618	Ventura	Val Verde	36	51	NW part of quad	37-B			no age provided			
619	Ventura	Val Verde	36	52	NW part of quad	37-B			no age provided			
620	Ventura	Val Verde	36	53	NW part of quad	37-B			no age provided			
621	Ventura	Val Verde	36	54A	NW part of quad	37-B			no age provided			
622	Ventura	Val Verde	36	54B	NW part of quad	37-B			no age provided			
623	Ventura	Val Verde	36	55	NW part of quad	37-B			no age provided			
624	Ventura	Val Verde	36	57	NW part of quad	37-B			no age provided			
625	Ventura	Val Verde	36	58	NW part of quad	37-B			no age provided			
626	Ventura	Val Verde	36	59	NW part of quad	37-B			no age provided			
627	Ventura	Val Verde	36	60	NW part of quad	37-B			no age provided			
628	Ventura	Val Verde	36	61A	NW part of quad	37-B			no age provided			
629	Ventura	Val Verde	36	61	NW part of quad	37-B			no age provided			
630	Ventura	Val Verde	36	6262A	NW part of quad	37-B			no age provided			
631	Ventura	Val Verde	36	63	NW part of quad	37-B			no age provided			
632	Ventura	Val Verde	36	63A	NW part of quad	37-B			no age provided			
633	Ventura	Val Verde	36	64	NW part of quad	37-B			no age provided			
634	Ventura	Val Verde	36	64A	NW part of quad	37-B			no age provided			
635	Ventura	Val Verde	36	65	NW part of quad	37-B			no age provided			
636	Ventura	Val Verde	36	65A	NW part of quad	37-B			no age provided			
637	Ventura	Val Verde	36	66	NW part of quad	37-B			no age provided			
638	Ventura	Val Verde	36	66A	NW part of quad	37-B			no age provided			
639	Ventura	Val Verde	36	67	NW part of quad	37-B			no age provided			
640	Ventura	Val Verde	36	68	NW part of quad	37-B			no age provided			
641	Ventura	Val Verde	36	69	NW part of quad	37-B			no age provided			
642	Ventura	Val Verde	36	69A	NW part of quad	37-B			no age provided			
643	Ventura	Val Verde	36	69A	NW part of quad	37-B			no age provided			
644	Ventura	Val Verde	36	70	NW part of quad	37-B			no age provided			
645	Ventura	Val Verde	36	71	NW part of quad	37-B			no age provided			
646	Ventura	Val Verde	36	72	NW part of quad	37-B			no age provided			
647	Ventura	Val Verde	36	73	NW part of quad	37-B			no age provided			
648	Ventura	Val Verde	36	74	NW part of quad	37-B			no age provided			
649	Ventura	Val Verde	36	75	NW part of quad	37-B			no age provided			
650	Ventura	Val Verde	36	80	NW part of quad	37-C			no age provided			
651	Ventura	Val Verde	36	81	NW part of quad	37-C			no age provided			
652	Ventura	Val Verde	36	82	NW part of quad	37-C			no age provided			
653	Ventura	Val Verde	36	83	NW part of quad	37-C			no age provided			
654	Ventura	Val Verde	36	84	NW part of quad	37-C			no age provided			
655	Ventura	Val Verde	36	85	NW part of quad	37-C			no age provided			
656	Ventura	Val Verde	36	86	NW part of quad	37-C			no age provided			
657	Ventura	Val Verde	36	86RW	NW part of quad	27-E			no age provided			
658	Ventura	Val Verde	36	86RW	NW part of quad	27-E			no age provided			
659	Ventura	Val Verde	36	87	NW part of quad	37-C			no age provided			
660	Ventura	Val Verde	36	88	NW part of quad	37-C			no age provided			
661	Ventura	Val Verde	36	89	NW part of quad	37-C			no age provided			
662	Ventura	Val Verde	36	90	NW part of quad	37-C			no age provided			
663	Ventura	Val Verde	36	91	NW part of quad	37-C			no age provided			
664	Ventura	Val Verde	36	92	NW part of quad	37-C			no age provided			
665	Ventura	Val Verde	36	93	NW part of quad	37-C			no age provided			
666	Ventura	Val Verde	36	94	NW part of quad	37-C			no age provided			
667	Ventura	Val Verde	36	95	NW part of quad	37-C			no age provided			
668	Ventura	Val Verde	36	96	NW part of quad	37-C			no age provided			
669	Ventura	Val Verde	36	97	NW part of quad	37-C			no age provided			
670	Ventura	Val Verde	37	1	WC part of quad	36-N			no paleo info			
671	Ventura	Val Verde	37	2	WC part of quad	36-N			no paleo info			
672	Ventura	Val Verde	37	3A	WC part of quad	36-N			no paleo info			
673	Ventura	Val Verde	37	6	WC part of quad	36-N			no paleo info			
674	Ventura	Val Verde	37	7	WC part of quad	36-N			no paleo info			
675	Ventura	Val Verde	38	1	not on map	49-E	card file says both		no age provided			
676	Ventura	Val Verde	38	2	not on map	49-E	Val Verde and		no age provided			
677	Ventura	Val Verde	38	3	not on map	49-E	Whitaker Peak 7.5'		no age provided			
678	Ventura	Val Verde	38	4	not on map	49-E	quads		no age provided			
679	Ventura	Val Verde	38	5	not on map	49-E			no age provided			
680	Ventura	Val Verde	38	6	not on map	49-E			no age provided			
681	Ventura	Val Verde	38	7	not on map	49-E			no age provided			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
682	Ventura	Val Verde	38	8	not on map	49-E			no age provided			
683	Ventura	Val Verde	38	9	not on map	49-E			no age provided			
684	Ventura	Val Verde	38	10	not on map	49-E			no age provided			
685	Ventura	Val Verde	38	11	not on map	49-E			no age provided			
686	Ventura	Val Verde	38	12	not on map	49-E			no age provided			
687	Ventura	Val Verde	38	13	not on map	49-E			no age provided			
688	Ventura	Val Verde	38	14	not on map	49-E			no age provided			
689	Ventura	Val Verde	38	15	not on map	49-E			no age provided			
690	Ventura	Val Verde	38	16	not on map	49-E			no age provided			
691	Ventura	Val Verde	38	17	not on map	49-E			no age provided			
692	Ventura	Val Verde	38	18	not on map	49-E			no age provided			
693	Ventura	Val Verde	38	19	not on map	49-E			no age provided			
694	Ventura	Val Verde	38	20	not on map	49-E			no age provided			
695	Ventura	Val Verde	38	21	not on map	49-E			no age provided			
696	Ventura	Val Verde	38	22	not on map	49-E			no age provided			
697	Ventura	Val Verde	38	23	not on map	49-E			no age provided			
698	Ventura	Val Verde	38	24	not on map	49-E			no age provided			
699	Ventura	Val Verde	38	25	not on map	49-E			no age provided			
700	Ventura	Val Verde	38	26	not on map	49-E			no age provided			
701	Ventura	Val Verde	38	27	not on map	49-E			no age provided			
702	Orange	El Toro	40	9	Silverado Creek	24-M			no paleo info	Ruth		
703	Orange	El Toro	40	10	Silverado Creek	24-M			no paleo info	Ruth		
704	Orange	El Toro	40	11	Silverado Creek	24-M			no paleo info	Ruth		
705	Orange	El Toro	40	12	Silverado Creek	24-M			no paleo info	Ruth		
706	Orange	El Toro	40	13A	Silverado Creek	24-M			no paleo info	Ruth		
707	Orange	El Toro	40	13B	Silverado Creek	24-M			no paleo info	Ruth		
708	Orange	El Toro	40	14	Silverado Creek	24-M			no paleo info	Ruth		
709	Santa Barbara	Bald Mountain	43	4	Burro Creek	68-B	McPherson Pk 15'		no paleo info	Kraetsch		
710	Santa Barbara	Bald Mountain	43	5	Burro Creek	68-B	McPherson Pk 15'		no paleo info	Kraetsch		
711	Santa Barbara	Bald Mountain	43	6	Burro Creek	68-B	McPherson Pk 15'		no paleo info	Kraetsch		
712	Santa Barbara	Bald Mountain	43	7	Burro Creek	68-B	McPherson Pk 15'		no paleo info	Kraetsch		
713	Santa Barbara	Bald Mountain	43	8	Burro Creek	68-B	McPherson Pk 15'		no paleo info	Kraetsch		
714	Santa Barbara	Bald Mountain	43	9	Burro Creek	68-B	McPherson Pk 15'		no paleo info	Kraetsch		
715	Santa Barbara	Zaca Lake	44	1	Horse Canyon	68-B	Tepusquet Pk 15'		no paleo info	Kraetsch		
716	Santa Barbara	Zaca Lake	44	2	Horse Canyon	68-B	Tepusquet Pk 15'		no paleo info	Kraetsch		
717	Santa Barbara	Zaca Lake	44	3	Horse Canyon	68-B	Tepusquet Pk 15'		no paleo info	Kraetsch		
718	Santa Barbara	Zaca Lake	44	4	Horse Canyon	68-B	Tepusquet Pk 15'		no paleo info	Kraetsch		
719	Santa Barbara	Zaca Lake	44	5	Horse Canyon	68-B	Tepusquet Pk 15'		no paleo info	Kraetsch		
720	Santa Barbara	Zaca Lake	44	6	Horse Canyon	68-B	Tepusquet Pk 15'		no paleo info	Kraetsch		
721	Santa Barbara	Zaca Lake	44	7	Horse Canyon	68-B	Tepusquet Pk 15'		no paleo info	Kraetsch		
722	Santa Barbara	Santa Ynez	45	1	San Lucas Creek	68-B	Los Olivos 15'		no paleo info	Kraetsch		
723	Santa Barbara	Santa Ynez	45	2	San Lucas Creek	68-B	Los Olivos 15'		no paleo info	Kraetsch		
724	Santa Barbara	Santa Ynez	45	3	San Lucas Creek	68-B	Los Olivos 15'		no paleo info	Kraetsch		
725	Santa Barbara	Santa Ynez	45	4	San Lucas Creek	68-B	Los Olivos 15'		no paleo info	Kraetsch		
726	Santa Barbara	Santa Ynez	45	5	San Lucas Creek	68-B	Los Olivos 15'		no paleo info	Kraetsch		
727	Santa Barbara	Santa Ynez	45	6	San Lucas Creek	68-B	Los Olivos 15'		no paleo info	Kraetsch		
728	Santa Barbara	Santa Rosa Hills	46	1	NC part of quad	68-B	Nipomo 15'		no paleo info	Kraetsch		
729	Santa Barbara	Santa Rosa Hills	46	2	NC part of quad	68-B	Nipomo 15'		no paleo info	Kraetsch		
730	Santa Barbara	Santa Rosa Hills	46	3	NC part of quad	68-B	Nipomo 15'		no paleo info	Kraetsch		
731	Santa Barbara	Santa Rosa Hills	46	4	NC part of quad	68-B	Nipomo 15'		no paleo info	Kraetsch		
732	Santa Barbara	San Marcos Pass	47	1	NE part of quad	68-C	Nipomo 15'		no paleo info			
733	Santa Barbara	San Marcos Pass	47	2	NE part of quad	68-C	Nipomo 15'		no paleo info			
734	Santa Barbara	San Marcos Pass	47	3	NE part of quad	68-C	Nipomo 15'		no paleo info			
735	Santa Barbara	San Marcos Pass	47	4	NE part of quad	68-C	Nipomo 15'		no paleo info			
736	Santa Barbara	San Marcos Pass	47	5	NE part of quad	68-C	Nipomo 15'		no paleo info			
737	San Luis Obispo	Huasna Peak	51	Y1	SW part of quad	68-C	Nipomo 15'	see cards for	Miocene			
738	San Luis Obispo	Huasna Peak	51	Y2	SW part of quad	68-C	Nipomo 15'	list of forams	not diagnostic			
739	San Luis Obispo	Huasna Peak	51	Y3	SW part of quad	68-C	Nipomo 15'		Upper Miocene			
740	San Luis Obispo	Huasna Peak	51	Y4	SW part of quad	68-C	Nipomo 15'		etc			
741	San Luis Obispo	Huasna Peak	51	Y5	SW part of quad	68-C	Nipomo 15'		no age provided			
742	San Luis Obispo	Huasna Peak	51	Y6	SW part of quad	68-C	Nipomo 15'		no age provided			
743	San Luis Obispo	Huasna Peak	51	Y9	SW part of quad	68-C	Nipomo 15'		no age provided			
744	San Luis Obispo	Huasna Peak	51	Y11	SW part of quad	68-C	Nipomo 15'		no age provided			
745	San Luis Obispo	Huasna Peak	51	Y12	SW part of quad	68-C	Nipomo 15'		no age provided			
746	San Luis Obispo	Huasna Peak	51	Y13	SW part of quad	68-C	Nipomo 15'		no age provided			
747	San Luis Obispo	Huasna Peak	51	Y14	SW part of quad	68-C	Nipomo 15'		no age provided			
748	San Luis Obispo	Huasna Peak	51	Y15	SW part of quad	68-C	Nipomo 15'		no age provided			
749	San Luis Obispo	Huasna Peak	51	Y16	SW part of quad	68-C	Nipomo 15'		no age provided			
750	San Luis Obispo	Huasna Peak	51	Y17	SW part of quad	68-C	Nipomo 15'		no age provided			
751	San Luis Obispo	Huasna Peak	51	Y18	SW part of quad	68-C	Nipomo 15'		no age provided			
752	San Luis Obispo	Huasna Peak	51	Y19	SW part of quad	68-C	Nipomo 15'		no age provided			
753	San Luis Obispo	Huasna Peak	51	Y22	SW part of quad	68-C	Nipomo 15'		no age provided			
754	Kern	Las Yeguas Ranch	55	A	Media Agua Creek	57-H	Lot 55-A	strat column	no paleo info	Mallory		
755	Kern	Las Yeguas Ranch	55	A1	Media Agua Creek	57-H	Lot 55-A	strat column	no paleo info	Mallory		
756	Kern	Las Yeguas Ranch	55	A2	Media Agua Creek	57-H	Lot 55-A	strat column	no paleo info	Mallory		
757	Kern	Las Yeguas Ranch	55	A3	Media Agua Creek	57-H	Lot 55-A	strat column	no paleo info	Mallory		
758	Kern	Las Yeguas Ranch	55	A4	Media Agua Creek	57-H	Lot 55-A	strat column	no paleo info	Mallory		
759	Kern	Las Yeguas Ranch	55	A5	Media Agua Creek	57-H	Lot 55-A	strat column	no paleo info	Mallory		
760	Kern	Las Yeguas Ranch	55	A6	Media Agua Creek	57-H	Lot 55-A	strat column	no paleo info	Mallory		
761	Kern	Las Yeguas Ranch	55	A6	Media Agua Creek	57-H	Lot 55-A	strat column	no paleo info	Mallory		
762	Kern	Las Yeguas Ranch	55	A8	Media Agua Creek	57-H	Lot 55-A	strat column	no paleo info	Mallory		
763	Kern	Las Yeguas Ranch	55	A9	Media Agua Creek	57-H	Lot 55-A	strat column	no paleo info	Mallory		
764	Kern	Las Yeguas Ranch	55	A10	Media Agua Creek	57-H	Lot 55-A	strat column	no paleo info	Mallory		
765	Kern	Las Yeguas Ranch	55	A11	Media Agua Creek	57-H	Lot 55-A	strat column	no paleo info	Mallory		
766	Kern	Las Yeguas Ranch	55	A12	Media Agua Creek	57-H	Lot 55-A	strat column	no paleo info	Mallory		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ZONE/SERIES/AGI	COLLECTORS		
937	Riverside	Red Canyon	62	110	NC part of quad	43-A	Copa de Oro Pass		Eocene			
938	Riverside	Red Canyon	62	111	NC part of quad	43-A	Copa de Oro Pass		Eocene			
939	Riverside	Red Canyon	62	113	NC part of quad	43-A	Copa de Oro Pass		Eocene			
940	Riverside	Red Canyon	62	114	NC part of quad	43-A	Copa de Oro Pass		Eocene			
941	Riverside	Red Canyon	62	115	NC part of quad	43-A	Copa de Oro Pass		Eocene			
942	Riverside	Red Canyon	62	116	NC part of quad	43-A	Copa de Oro Pass		Eocene			
943	Riverside	Red Canyon	62	123	NC part of quad	43-A	Copa de Oro Pass		Eocene			
944	Riverside	Red Canyon	62	125	NC part of quad	43-A	Copa de Oro Pass		Eocene			
945	Riverside	Red Canyon	62	120	NC part of quad	43-A	Copa de Oro Pass		Eocene			
946	Riverside	Red Canyon	62	121	NC part of quad	43-A	Copa de Oro Pass		Eocene			
947	Riverside	Red Canyon	62	122	NC part of quad	43-A	Copa de Oro Pass		Eocene			
948	San Diego	Borrego Mountain SE	64	2	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
949	San Diego	Borrego Mountain SE	64	16	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
950	San Diego	Borrego Mountain SE	64	17	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
951	San Diego	Borrego Mountain SE	64	18	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
952	San Diego	Borrego Mountain SE	64	19	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
953	San Diego	Borrego Mountain SE	64	20	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
954	San Diego	Borrego Mountain SE	65	A	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
955	San Diego	Borrego Mountain SE	65	B	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
956	San Diego	Borrego Mountain SE	65	C	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
957	San Diego	Borrego Mountain SE	65	D	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
958	Ventura	Pitas Point	66	1	Javon Cyn	5-C			Upper Pliocene			
959	Ventura	Pitas Point	66	2	Javon Cyn	5-C			Upper Pliocene			
960	Ventura	Pitas Point	66	2	Javon Cyn	5-C			Upper Pliocene			
961	Ventura	Pitas Point	66	3	Javon Cyn	5-C			Upper Pliocene			
962	Ventura	Pitas Point	66	4	Javon Cyn	5-C			Upper Pliocene			
963	Ventura	Pitas Point	66	5	Javon Cyn	5-C			Upper Pliocene			
964	Ventura	Pitas Point	66	6	Javon Cyn	5-C			Upper Pliocene			
965	Ventura	Pitas Point	66	7	Javon Cyn	5-C			Upper Pliocene			
966	Ventura	Pitas Point	66	8	Javon Cyn	5-C			Upper Pliocene			
967	Ventura	Pitas Point	66	9	Javon Cyn	5-C			Upper Pliocene			
968	Ventura	Pitas Point	66	10	Javon Cyn	5-C			Upper Pliocene			
969	Ventura	Pitas Point	66	11	Javon Cyn	5-C			Upper Pliocene			
970	Ventura	Pitas Point	66	12	Javon Cyn	5-C			Upper Pliocene			
971	Ventura	Pitas Point	66	13	Javon Cyn	5-C			Upper Pliocene			
972	Ventura	Pitas Point	66	14	Javon Cyn	5-C			Upper Pliocene			
973	Ventura	Pitas Point	66	15	Javon Cyn	5-C			Upper Pliocene			
974	Ventura	Pitas Point	66	17	Javon Cyn	5-C			Upper Pliocene			
975	Ventura	Pitas Point	66	18	Javon Cyn	5-C			Upper Pliocene			
976	Ventura	Pitas Point	66	19	Javon Cyn	5-C			Upper Pliocene			
977	Ventura	Pitas Point	66	20	Javon Cyn	5-C			Upper Pliocene			
978	Ventura	Pitas Point	66	21	Javon Cyn	5-C			Upper Pliocene			
979	Ventura	Pitas Point	66	22	Javon Cyn	5-C			Upper Pliocene			
980	Ventura	Pitas Point	66	24	Javon Cyn	5-C			Upper Pliocene			
981	Ventura	Pitas Point	66	25	Javon Cyn	5-C			Upper Pliocene			
982	Ventura	Pitas Point	66	26	Javon Cyn	5-C	not on map		Upper Pliocene			
983	Ventura	Pitas Point	67	1	Javon Cyn	5-C	not on map		Lower Pliocene			
984	Ventura	Pitas Point	67	2	Javon Cyn	5-C	not on map		Lower Pliocene			
985	Ventura	Pitas Point	67	3	Javon Cyn	5-C	not on map		Lower Pliocene			
986	Ventura	Pitas Point	67	4	Javon Cyn	5-C	not on map		Lower Pliocene			
987	Ventura	Pitas Point	67	5	Javon Cyn	5-C	not on map		Lower Pliocene			
988	Ventura	Pitas Point	67	6	Javon Cyn	5-C	not on map		Upper Pliocene			
989	Ventura	Pitas Point	67	7	Javon Cyn	5-C	not on map		Upper Pliocene			
990	Ventura	Ventura	68	1	WC part of quad	1-C			Pliocene			
991	Ventura	Ventura	68	2	WC part of quad	1-C			Pliocene			
992	Ventura	Ventura	68	3	WC part of quad	1-C			Pliocene			
993	Ventura	Ventura	68	4	WC part of quad	1-C			Pliocene			
994	Ventura	Ventura	68	5	WC part of quad	1-C			Pliocene			
995	Ventura	Ventura	68	6	WC part of quad	1-C			Pliocene			
996	Ventura	Ventura	68	7	WC part of quad	1-C			Pliocene			
997	Ventura	Ventura	68	8	WC part of quad	1-C			Pliocene			
998	Ventura	Ventura	68	9	WC part of quad	1-C			Pliocene			
999	Ventura	Ventura	68	10	WC part of quad	1-C			Pliocene			
1000	Ventura	Ventura	68	11	WC part of quad	1-C			Pliocene			
1001	Ventura	Ventura	68	12	WC part of quad	1-C			Pliocene			
1002	Ventura	Ventura	68	13	WC part of quad	1-C			Pliocene			
1003	Ventura	Ventura	68	14	WC part of quad	1-C			Pliocene			
1004	Ventura	Ventura	68	15	WC part of quad	1-C			Pliocene			
1005	Ventura	Ventura	68	16	WC part of quad	1-C			Pliocene			
1006	Ventura	Simi Valley West	69	1	center of quad	7-B	old Simi Quad		not diagnostic			
1007	Ventura	Simi Valley West	69	2	center of quad	7-B	old Simi Quad		not diagnostic			
1008	Ventura	Simi Valley West	69	3	center of quad	7-B	old Simi Quad		not diagnostic			
1009	Ventura	Simi Valley West	69	5	center of quad	7-B	old Simi Quad		not diagnostic			
1010	Ventura	Simi Valley West	69	6	center of quad	7-B	old Simi Quad		not diagnostic			
1011	Ventura	Simi Valley West	69	7	center of quad	7-B	old Simi Quad		not diagnostic			
1012	Ventura	Simi Valley West	69	8	center of quad	7-B	old Simi Quad		not diagnostic			
1013	Ventura	Simi Valley West	69	9	center of quad	7-B	old Simi Quad		not diagnostic			
1014	Ventura	Simi Valley West	69	10	center of quad	7-B	old Simi Quad		Luisian			
1015	Ventura	Simi Valley West	69	11	center of quad	7-B	old Simi Quad		Luisian			
1016	Ventura	Simi Valley West	69	12	center of quad	7-B	old Simi Quad		Luisian			
1017	Ventura	Simi Valley West	69	13	center of quad	7-B	old Simi Quad		Luisian			
1018	Ventura	Simi Valley West	69	14	center of quad	7-B	old Simi Quad		Luisian			
1019	Ventura	Simi Valley West	70	1	NW part of quad	5-G	old Simi Quad		Miocene			
1020	Ventura	Simi Valley West	70	2	NW part of quad	5-G	old Simi Quad		Middle Mohnian			
1021	Ventura	Simi Valley West	70	3	NW part of quad	5-G	old Simi Quad		Miocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ZONE/SERIES/AGE	COLLECTORS		
1022	Ventura	Simi Valley West	70	4	NW part of quad	5-G	old Simi Quad		Middle Mohnian			
1023	Ventura	Simi Valley West	70	5	NW part of quad	5-G	old Simi Quad		Middle Mohnian			
1024	Ventura	Simi Valley West	71	1	NE corner of quad	8-I	strat column		Prob Mohnian			
1025	Ventura	Simi Valley West	71	2	NE corner of quad	8-I	old Simi Quad		Prob Mohnian			
1026	Ventura	Simi Valley West	71	3	NE corner of quad	8-I	old Simi Quad		Upper Pliocene			
1027	Ventura	Simi Valley West	71	4	NE corner of quad	8-I	old Simi Quad		Upper Pliocene			
1028	Ventura	Simi Valley West	71	5	NE corner of quad	8-I	old Simi Quad		Upper Pliocene			
1029	Ventura	Simi Valley West	71	6	NE corner of quad	8-I	old Simi Quad		Upper Pliocene			
1030	Ventura	Simi Valley West	71	7	NE corner of quad	8-I	old Simi Quad		Upper Pliocene			
1031	Ventura	Simi Valley West	71	8	NE corner of quad	8-I	old Simi Quad		Upper Pliocene			
1032	Ventura	Simi Valley West	71	9	NE corner of quad	8-I	old Simi Quad		Pleistocene			
1033	Ventura	Simi Valley West	71	10	NE corner of quad	8-I	old Simi Quad		Pleistocene			
1034	Ventura	Simi Valley West	71	11	NE corner of quad	8-I	old Simi Quad		Pleistocene			
1035	Ventura	Simi Valley West	71	12	NE corner of quad	8-I	old Simi Quad		Pleistocene			
1036	Ventura	Simi Valley West	71	13	NE corner of quad	8-I	old Simi Quad		Pleistocene			
1037	Ventura	Simi Valley West	71	14	NE corner of quad	8-I	old Simi Quad		Pleistocene			
1038	Ventura	Simi Valley West	71	15	NE corner of quad	8-I	old Simi Quad		Pleistocene			
1039	Ventura	Simi Valley West	71	16	NE corner of quad	8-I	old Simi Quad		Pleistocene			
1040	San Luis Obispo	Chimineas Ranch	72	1	Salto Canyon	47-D	Caliente Mtn 15'		no paleo report			
1041	San Luis Obispo	Chimineas Ranch	72	4	Salto Canyon	47-D	Caliente Mtn 15'	age from map	Saucesian			
1042	San Luis Obispo	Chimineas Ranch	72	5	Salto Canyon	47-D	Caliente Mtn 15'	age from map	Saucesian			
1043	San Luis Obispo	Chimineas Ranch	72	6	Salto Canyon	47-D	Caliente Mtn 15'	age from map	Saucesian			
1044	San Luis Obispo	Chimineas Ranch	72	7	Salto Canyon	47-D	Caliente Mtn 15'	age from map	Saucesian			
1045	San Luis Obispo	Chimineas Ranch	72	8	Salto Canyon	47-D	Caliente Mtn 15'		no paleo report			
1046	San Luis Obispo	Chimineas Ranch	72	9	Salto Canyon	47-D	Caliente Mtn 15'		no paleo report			
1047	Ventura	Moorpark	73	1	Grimes Cyn	8-H			Pleistocene			
1048	Ventura	Moorpark	73	2	Grimes Cyn	8-H			Pleistocene			
1049	Ventura	Moorpark	73	3	Grimes Cyn	8-H			Pleistocene			
1050	San Luis Obispo	Caliente Mountain	74	5	Morales Ridge	D-6			no paleo report	Steineke		
1051	Santa Barbara	Carpenteria	74	pit	Picay Creek	44-F	auger	strat column	no paleo report			
1052	Santa Barbara	Carpenteria	74	pit	Picay Creek	44-F	auger	strat column	no paleo report			
1053	Santa Barbara	Carpenteria	74	rc	Picay Creek	44-F	auger	strat column	no paleo report			
1054	Santa Barbara	Carpenteria	74	1AA5	Picay Creek	44-F	auger	strat column	Zemorrian			
1055	Santa Barbara	Carpenteria	74	1AA10	Picay Creek	44-F	auger	strat column	Zemorrian			
1056	Santa Barbara	Carpenteria	74	1AA15	Picay Creek	44-F	auger	strat column	Zemorrian			
1057	Santa Barbara	Carpenteria	74	1B20	Picay Creek	44-F	auger	strat column	Zemorrian			
1058	Santa Barbara	Carpenteria	74	1B15	Picay Creek	44-F	auger	strat column	Zemorrian			
1059	Santa Barbara	Carpenteria	74	1A10	Picay Creek	44-F	auger	strat column	Zemorrian			
1060	Santa Barbara	Carpenteria	74		Picay Creek	44-F	auger	strat column	Zemorrian			
1061	Santa Barbara	Carpenteria	74		Picay Creek	44-F	auger	strat column	Zemorrian			
1062	Santa Barbara	Carpenteria	74	2B15	Picay Creek	44-F	auger	strat column	Zemorrian			
1063	Santa Barbara	Carpenteria	74	2B10	Picay Creek	44-F	auger	strat column	Zemorrian			
1064	Santa Barbara	Carpenteria	74	2B5	Picay Creek	44-F	auger	strat column	Zemorrian			
1065	Santa Barbara	Carpenteria	74	2A15	Picay Creek	44-F	auger	strat column	Zemorrian			
1066	Santa Barbara	Carpenteria	74	2A10	Picay Creek	44-F	auger	strat column	Zemorrian			
1067	Santa Barbara	Carpenteria	74	2A5	Picay Creek	44-F	auger	strat column	Zemorrian			
1068	Santa Barbara	Carpenteria	74		Picay Creek	44-F	auger	strat column	Zemorrian			
1069	Santa Barbara	Carpenteria	74	1C10	Picay Creek	44-F	auger	strat column	Zemorrian			
1070	Santa Barbara	Carpenteria	74	1C15	Picay Creek	44-F	auger	strat column	Zemorrian			
1071	Santa Barbara	Carpenteria	74	1B13	Picay Creek	44-F	auger	strat column	Zemorrian			
1072	Santa Barbara	Carpenteria	74	3A15	Picay Creek	44-F	auger	strat column	Zemorrian			
1073	Santa Barbara	Carpenteria	74	3A10	Picay Creek	44-F	auger	strat column	Zemorrian			
1074	Santa Barbara	Carpenteria	74	3A5	Picay Creek	44-F	auger	strat column	Zemorrian			
1075	Santa Barbara	Carpenteria	74	3A20	Picay Creek	44-F	auger	strat column	Zemorrian			
1076	Santa Barbara	Carpenteria	74	3	Picay Creek	44-F	auger	strat column	Zemorrian			
1077	Santa Barbara	Carpenteria	74	4A25	Picay Creek	44-F	auger	strat column	Zemorrian			
1078	Santa Barbara	Carpenteria	74	3C15	Picay Creek	44-F	auger	strat column	Zemorrian			
1079	Santa Barbara	Carpenteria	74	3C10	Picay Creek	44-F	auger	strat column	Zemorrian			
1080	Santa Barbara	Carpenteria	74	3C5	Picay Creek	44-F	auger	strat column	Zemorrian			
1081	Santa Barbara	Carpenteria	74	3B15	Picay Creek	44-F	auger	strat column	Zemorrian			
1082	Santa Barbara	Carpenteria	74	3B10	Picay Creek	44-F	auger	strat column	Zemorrian			
1083	Santa Barbara	Carpenteria	74	3B5	Picay Creek	44-F	auger	strat column	Zemorrian			
1084	Santa Barbara	Carpenteria	74	4A20	Picay Creek	44-F	auger	strat column	Zemorrian			
1085	Santa Barbara	Carpenteria	74	4A15	Picay Creek	44-F	auger	strat column	Zemorrian			
1086	Santa Barbara	Carpenteria	74	4A10	Picay Creek	44-F	auger	strat column	Zemorrian			
1087	Santa Barbara	Carpenteria	74	4A5	Picay Creek	44-F	auger	strat column	Zemorrian			
1088	Santa Barbara	Carpenteria	74	4	Picay Creek	44-F	auger	strat column	Saucesian			
1089	Santa Barbara	Carpenteria	74	4	Picay Creek	44-F	auger	strat column	Saucesian			
1090	Santa Barbara	Carpenteria	74	5A25	Picay Creek	44-F	auger	strat column	Saucesian			
1091	Santa Barbara	Carpenteria	74	5A20	Picay Creek	44-F	auger	strat column	Saucesian			
1092	Santa Barbara	Carpenteria	74	5A15	Picay Creek	44-F	auger	strat column	Saucesian			
1093	Santa Barbara	Carpenteria	74	5A10	Picay Creek	44-G	auger	strat column	Saucesian			
1094	Santa Barbara	Carpenteria	74	37035	Picay Creek	44-G	auger	strat column	Saucesian			
1095	Santa Barbara	Carpenteria	74	36647	Picay Creek	44-G	auger	strat column	Saucesian			
1096	Santa Barbara	Carpenteria	74	36678	Picay Creek	44-G	auger	strat column	Saucesian			
1097	Santa Barbara	Carpenteria	74	7A-25	Picay Creek	44-G	auger	strat column	Saucesian			
1098	Santa Barbara	Carpenteria	74	7A-20	Picay Creek	44-G	auger	strat column	Saucesian			
1099	Santa Barbara	Carpenteria	74	7A-13	Picay Creek	44-G	auger	strat column	Saucesian			
1100	Santa Barbara	Carpenteria	74	7A-5	Picay Creek	44-G	auger	strat column	Saucesian			
1101	Santa Barbara	Carpenteria	74	36708	Picay Creek	44-G	auger	strat column	Saucesian			
1102	Santa Barbara	Carpenteria	74	36739	Picay Creek	44-G	auger	strat column	Saucesian			
1103	Santa Barbara	Carpenteria	74	15919	Picay Creek	44-G	auger	strat column	Saucesian			
1104	Santa Barbara	Carpenteria	74	36770	Picay Creek	44-G	auger	strat column	Saucesian			
1105	Santa Barbara	Carpenteria	74	37200	Picay Creek	44-G	auger	strat column	Saucesian			
1106	Santa Barbara	Carpenteria	74	15A5	Picay Creek	44-G	auger	strat column	Saucesian			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ONE/SERIES/AG	COLLECTORS		
1532	San Luis Obispo	Caliente Mountain	78	59	Cuyama Valley	52-E	Caliente Mtn 15'		no paleo info	McMichael		
1533	San Luis Obispo	Caliente Mountain	78	62	Cuyama Valley	52-E	Caliente Mtn 15'		no paleo info	McMichael		
1534	San Luis Obispo	Caliente Mountain	78	63	Cuyama Valley	52-E	Caliente Mtn 15'		no paleo info	McMichael		
1535	San Luis Obispo	Caliente Mountain	78	64	Cuyama Valley	52-E	Caliente Mtn 15'		no paleo info	McMichael		
1536	San Luis Obispo	Caliente Mountain	78	65	Cuyama Valley	52-E	Caliente Mtn 15'		no paleo info	McMichael		
1537	San Luis Obispo	Caliente Mountain	78	70	Cuyama Valley	52-E	Caliente Mtn 15'		no paleo info	McMichael		
1538	San Luis Obispo	Caliente Mountain	78	72	Cuyama Valley	52-E	Caliente Mtn 15'		no paleo info	McMichael		
1539	San Luis Obispo	Caliente Mountain	78	73	Cuyama Valley	52-E	Caliente Mtn 15'		no paleo info	McMichael		
1540	San Luis Obispo	Caliente Mountain	78	74	Cuyama Valley	52-E	Caliente Mtn 15'		no paleo info	McMichael		
1541	San Luis Obispo	Caliente Mountain	78	76	Cuyama Valley	52-E	Caliente Mtn 15'		no paleo info	McMichael		
1542	San Luis Obispo	Caliente Mountain	78	77	Cuyama Valley	52-E	Caliente Mtn 15'		no paleo info	McMichael		
1543	San Luis Obispo	Caliente Mountain	78	78	Cuyama Valley	52-E	Caliente Mtn 15'		no paleo info	McMichael		
1544	Ventura	Moorpark	79		South Mtn area	48-J			no paleo info			
1545	San Benito	Topo Valley	80	1	Little Rabbit Vly	D-6			no paleo info			
1546	San Benito	Topo Valley	80	2	Little Rabbit Vly	D-6			no paleo info			
1547	San Benito	Topo Valley	80	3	Little Rabbit Vly	D-6			no paleo info			
1548	Santa Barbara	Casmalia	88	1	E of Lion's Head	22-K	have strat column		Middle Miocene			
1549	Santa Barbara	Casmalia	88	2	E of Lion's Head	22-K			Middle Miocene			
1550	Santa Barbara	Casmalia	88	16	E of Lion's Head	22-K			Middle Miocene			
1551	Santa Barbara	Casmalia	88	16 cast	E of Lion's Head	31-N			Middle Miocene			
1552	Santa Barbara	Casmalia	88	16 cast	E of Lion's Head	31-N			Middle Miocene			
1553	Santa Barbara	Casmalia	88	18	E of Lion's Head	22-K			Luisian			
1554	Santa Barbara	Casmalia	88	19	E of Lion's Head	22-K			Luisian			
1555	Santa Barbara	Casmalia	88	20	E of Lion's Head	22-K			Luisian			
1556	Santa Barbara	Casmalia	88	21	E of Lion's Head	22-L			Luisian			
1557	Santa Barbara	Casmalia	88	22	E of Lion's Head	22-L			Luisian			
1558	Santa Barbara	Casmalia	88	23	E of Lion's Head	22-L			? Mohnian			
1559	Santa Barbara	Casmalia	88	29	E of Lion's Head	22-L			? Mohnian			
1560	Santa Barbara	Casmalia	88	30	E of Lion's Head	22-L			? Mohnian			
1561	Santa Barbara	Casmalia	88	31	E of Lion's Head	22-L			? Mohnian			
1562	Santa Barbara	Casmalia	88	32	E of Lion's Head	22-L			? Mohnian			
1563	Monterey	Reliz Canyon	91	17	not on map	69-M		age on slide	L Luisian			
1564	Monterey	Reliz Canyon	91	17	not on map	69-M		age on slide	L Saucesian			
1565	Monterey	Reliz Canyon	91	2	not on map	69-M		age on slide	Relizian			
1566	Monterey	Reliz Canyon	91	3	not on map	69-M		age on slide	Relizian			
1567	Monterey	Reliz Canyon	91	4	not on map	69-M		age on slide	L Saucesian			
1568	Monterey	Reliz Canyon	91	5	not on map	69-M		age on slide	L Saucesian			
1569	Monterey	Reliz Canyon	91	6	not on map	69-M		age on slide	L Saucesian			
1570	Fresno	Domengine Ranch?	92	1	Domengine Ranch	D-3	not on map		no paleo info		Galloway & W	
1571	Fresno	Domengine Ranch?	92	1	Domengine Ranch	D-3	not on map		no paleo info		Galloway & W	
1572	Fresno	Domengine Ranch?	92	7	Domengine Ranch	D-3	not on map		no paleo info		Galloway & W	
1573	Fresno	Domengine Ranch?	92	8	Domengine Ranch	D-3	not on map		no paleo info		Galloway & W	
1574	Fresno	Las Yeguas Ranch?	93	1	Carneros Creek	D-3	not on map		no paleo info		Barbat	
1575	Fresno	Las Yeguas Ranch?	93	2	Carneros Creek	D-3	not on map		no paleo info		Barbat	
1576	Fresno	Las Yeguas Ranch?	93	?	Carneros Creek	D-3	not on map		no paleo info		Barbat	
1577	Fresno	Las Yeguas Ranch?	93	5	Carneros Creek	D-3	not on map		no paleo info		Barbat	
1578	Fresno	Las Yeguas Ranch?	93	6	Carneros Creek	D-3	not on map		no paleo info		Barbat	
1579	Fresno	Las Yeguas Ranch?	93	7	Carneros Creek	D-3	not on map		no paleo info		Barbat	
1580	Fresno	Las Yeguas Ranch?	93	8	Carneros Creek	D-3	not on map		no paleo info		Barbat	
1581	Fresno	Las Yeguas Ranch?	93	9	Carneros Creek	D-3	not on map		no paleo info		Barbat	
1582	Fresno	Las Yeguas Ranch?	93	10	Carneros Creek	D-3	not on map		no paleo info		Barbat	
1583	Fresno	Las Yeguas Ranch?	93	11	Carneros Creek	D-3	not on map		no paleo info		Barbat	
1584	Fresno	Las Yeguas Ranch?	93	12	Carneros Creek	D-3	not on map		no paleo info		Barbat	
1585	Fresno	Las Yeguas Ranch?	93	13	Carneros Creek	D-3	not on map		no paleo info		Barbat	
1586	Fresno	Las Yeguas Ranch?	93	14	Carneros Creek	D-3	not on map		no paleo info		Barbat	
1587	Fresno	Las Yeguas Ranch?	93	15	Carneros Creek	D-3	not on map		no paleo info		Barbat	
1588	Fresno	Alcalde Hills	95	1	Coalinga 15'	D-12	not on map but in		no paleo info			
1589	Fresno	Alcalde Hills	95	2	Coalinga 15'	D-12	Coalmine Canyon		but all from			
1590	Fresno	Alcalde Hills	95	3	Coalinga 15'	D-12			Kreyenhagen			
1591	Fresno	Alcalde Hills	95	4	Coalinga 15'	D-12			and probably			
1592	Fresno	Alcalde Hills	95	7	Coalinga 15'	D-12			Eocene			
1593	Solano	Mount Vaca	96	501	Putnam Peak area	H-2	not on map		no paleo info			
1594	Solano	Mount Vaca	96	502	Putnam Peak area	H-2	not on map		no paleo info			
1595	Solano	Mount Vaca	96	503	Putnam Peak area	H-2	not on map		no paleo info			
1596	Solano	Mount Vaca	96	504	Putnam Peak area	H-2	not on map		no paleo info			
1597	Solano	Mount Vaca	96	505	Putnam Peak area	H-2	not on map		no paleo info			
1598	Solano	Mount Vaca	96	506	Putnam Peak area	H-2	not on map		no paleo info			
1599	Solano	Mount Vaca	96	507	Putnam Peak area	H-2	not on map		no paleo info			
1600	Solano	Mount Vaca	96	508	Putnam Peak area	H-2	not on map		no paleo info			
1601	Solano	Mount Vaca	96	509	Putnam Peak area	H-2	not on map		no paleo info			
1602	Solano	Mount Vaca	96	510	Putnam Peak area	H-2	not on map		no paleo info			
1603	Solano	Mount Vaca	96	511	Putnam Peak area	H-2	not on map		no paleo info			
1604	Solano	Mount Vaca	96	512	Putnam Peak area	H-2	not on map		no paleo info			
1605	Solano	Mount Vaca	96	513	Putnam Peak area	H-2	not on map		no paleo info			
1606	Solano	Mount Vaca	96	514	Putnam Peak area	H-2	not on map		no paleo info			
1607	Solano	Mount Vaca	96	515	Putnam Peak area	H-2	not on map		no paleo info			
1608	Solano	Mount Vaca	96	516	Putnam Peak area	H-2	not on map		no paleo info			
1609	Solano	Mount Vaca	96	517	Putnam Peak area	H-2	not on map		no paleo info			
1610	Solano	Mount Vaca	96	518	Putnam Peak area	H-2	not on map		no paleo info			
1611	Solano	Mount Vaca	96	519	Putnam Peak area	H-2	not on map		no paleo info			
1612	Solano	Mount Vaca	96	520	Putnam Peak area	H-2	not on map		no paleo info			
1613	Solano	Mount Vaca	96	521	Putnam Peak area	H-2	not on map		no paleo info			
1614	Solano	Mount Vaca	96	522	Putnam Peak area	H-2	not on map		no paleo info			
1615	Solano	Mount Vaca	96	523	Putnam Peak area	H-2	not on map		no paleo info			
1616	Solano	Mount Vaca	96	524	Putnam Peak area	H-2	not on map		no paleo info			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
1617	Solano	Mount Vaca	96	525	Putnam Peak area	H-2	not on map		no paleo info			
1618	Solano	Mount Vaca	96	526	Putnam Peak area	H-2	not on map		no paleo info			
1619	Solano	Mount Vaca	96	527	Putnam Peak area	H-2	not on map		no paleo info			
1620	Solano	Mount Vaca	96	528	Putnam Peak area	H-2	not on map		no paleo info			
1621	Solano	Mount Vaca	96	529	Putnam Peak area	H-2	not on map		no paleo info			
1622	Solano	Mount Vaca	96	530	Putnam Peak area	H-2	not on map		no paleo info			
1623	Solano	Mount Vaca	96	531	Putnam Peak area	H-2	not on map		no paleo info			
1624	Solano	Mount Vaca	96	532	Putnam Peak area	H-2	not on map		no paleo info			
1625	Solano	Mount Vaca	96	533	Putnam Peak area	H-2	not on map		no paleo info			
1626	Solano	Mount Vaca	96	534	Putnam Peak area	H-2	not on map		no paleo info			
1627	Solano	Mount Vaca	96	535	Putnam Peak area	H-2	not on map		no paleo info			
1628	Solano	Mount Vaca	96	536	Putnam Peak area	H-2	not on map		no paleo info			
1629	Solano	Mount Vaca	96	537	Putnam Peak area	H-2	not on map		no paleo info			
1630	Solano	Mount Vaca	96	538	Putnam Peak area	H-2	not on map		no paleo info			
1631	Solano	Mount Vaca	96	539	Putnam Peak area	H-2	not on map		no paleo info			
1632	Solano	Mount Vaca	96	540	Putnam Peak area	H-2	not on map		no paleo info			
1633	Solano	Mount Vaca	96	541	Putnam Peak area	H-2	not on map		no paleo info			
1634	Solano	Mount Vaca	96	542	Putnam Peak area	H-2	not on map		no paleo info			
1635	Solano	Mount Vaca	96	543	Putnam Peak area	H-2	not on map		no paleo info			
1636	Solano	Mount Vaca	96	544	Putnam Peak area	H-2	not on map		no paleo info			
1637	Solano	Mount Vaca	96	545	Putnam Peak area	H-2	not on map		no paleo info			
1638	Solano	Mount Vaca	96	546	Putnam Peak area	H-2	not on map		no paleo info			
1639	Solano	Mount Vaca	96	547	Putnam Peak area	H-2	not on map		no paleo info			
1640	Solano	Mount Vaca	96	548	Putnam Peak area	H-2	not on map		no paleo info			
1641	Solano	Mount Vaca	96	549	Putnam Peak area	H-2	not on map		no paleo info			
1642	Solano	Mount Vaca	96	550	Putnam Peak area	H-2	not on map		no paleo info			
1643	Solano	Mount Vaca	96	551	Putnam Peak area	H-2	not on map		no paleo info			
1644	Solano	Mount Vaca	96	552	Putnam Peak area	H-2	not on map		no paleo info			
1645	Solano	Mount Vaca	96	553	Putnam Peak area	H-2	not on map		no paleo info			
1646	Solano	Mount Vaca	96	554	Putnam Peak area	H-2	not on map		no paleo info			
1647	Solano	Mount Vaca	96	555	Putnam Peak area	H-2	not on map		no paleo info			
1648	Solano	Mount Vaca	96	556	Putnam Peak area	H-2	not on map		no paleo info			
1649	Solano	Mount Vaca	96	557	Putnam Peak area	H-2	not on map		no paleo info			
1650	Solano	Mount Vaca	96	558	Putnam Peak area	H-2	not on map		no paleo info			
1651	Solano	Mount Vaca	96	559	Putnam Peak area	H-2	not on map		no paleo info			
1652	Solano	Mount Vaca	96	560	Putnam Peak area	H-2	not on map		no paleo info			
1653	Ventura	Moorpark	98	17	NE part of quad	23-B			Saucesian			
1654	Ventura	Moorpark	98	18	NE part of quad	23-B			Saucesian			
1655	Ventura	Moorpark	98	18A	NE part of quad	23-B			Saucesian			
1656	Ventura	Moorpark	98	19	NE part of quad	23-B			Saucesian			
1657	Ventura	Moorpark	98	20	NE part of quad	23-B			Saucesian			
1658	Ventura	Moorpark	99	1	Grimes Canyon	33-F			Luisian/Mohnian			
1659	Ventura	Moorpark	99	2	Grimes Canyon	33-F			Luisian/Mohnian			
1660	Ventura	Moorpark	99	3	Grimes Canyon	33-F			Luisian/Mohnian			
1661	Ventura	Moorpark	99	4	Grimes Canyon	33-F			Luisian/Mohnian			
1662	Ventura	Moorpark	99	5	Grimes Canyon	33-F			Luisian/Mohnian			
1663	Ventura	Moorpark	99	6	Grimes Canyon	33-F			Luisian/Mohnian			
1664	Ventura	Moorpark	99	7	Grimes Canyon	33-F			Luisian/Mohnian			
1665	Ventura	Moorpark	99	8	Grimes Canyon	33-F			Luisian/Mohnian			
1666	Ventura	Moorpark	99	9	Grimes Canyon	33-F			Luisian/Mohnian			
1667	Ventura	Moorpark	99	10	Grimes Canyon	33-F			Luisian/Mohnian			
1668	Ventura	Moorpark	99	11	Grimes Canyon	33-F			Luisian/Mohnian			
1669	Ventura	Moorpark	99	12	Grimes Canyon	33-F			Luisian/Mohnian			
1670	Ventura	Moorpark	99	13	Grimes Canyon	33-F			Luisian/Mohnian			
1671	Ventura	Moorpark	99	14	Grimes Canyon	33-F			Luisian/Mohnian			
1672	Ventura	Moorpark	99	16	Grimes Canyon	33-F			Luisian/Mohnian			
1673	Ventura	Moorpark	99	17	Grimes Canyon	33-G			Luisian/Mohnian			
1674	Ventura	Moorpark	99	18	Grimes Canyon	33-G			Luisian/Mohnian			
1675	Ventura	Moorpark	99	19	Grimes Canyon	33-G			Luisian/Mohnian			
1676	Ventura	Moorpark	99	20	Grimes Canyon	33-G			Luisian/Mohnian			
1677	Ventura	Moorpark	99	21	Grimes Canyon	33-G			Luisian/Mohnian			
1678	Ventura	Moorpark	99	22	Grimes Canyon	33-G			Luisian/Mohnian			
1679	Ventura	Moorpark	99	23	Grimes Canyon	33-G			Luisian/Mohnian			
1680	Ventura	Moorpark	99	24	Grimes Canyon	33-G			Luisian/Mohnian			
1681	Ventura	Moorpark	99	25	Grimes Canyon	33-G			Luisian/Mohnian			
1682	Ventura	Moorpark	99	26	Grimes Canyon	33-G			Luisian/Mohnian			
1683	Ventura	Moorpark	99	27	Grimes Canyon	33-G			Luisian/Mohnian			
1684	Ventura	Moorpark	99	28	Grimes Canyon	33-G			Luisian/Mohnian			
1685	Ventura	Moorpark	99	32	Grimes Canyon	33-G			Luisian/Mohnian			
1686	Ventura	Moorpark	99	33	Grimes Canyon	33-G			Luisian/Mohnian			
1687	Ventura	Moorpark	99	34	Grimes Canyon	33-G			Luisian/Mohnian			
1688	Ventura	Moorpark	99	35	Grimes Canyon	33-G			Luisian/Mohnian			
1689	Ventura	Moorpark	99	36	Grimes Canyon	33-G			Luisian/Mohnian			
1690	Ventura	Moorpark	99	37	Grimes Canyon	33-G			Luisian/Mohnian			
1691	Ventura	Moorpark	99	38	Grimes Canyon	33-G			Luisian/Mohnian			
1692	Ventura	Moorpark	99	40	Grimes Canyon	33-G			Luisian/Mohnian			
1693	Ventura	Moorpark	99	42	Grimes Canyon	33-G			Luisian/Mohnian			
1694	Ventura	Moorpark	99	43	Grimes Canyon	33-G			Luisian/Mohnian			
1695	Ventura	Moorpark	99	46	Grimes Canyon	33-G			Luisian/Mohnian			
1696	Ventura	Moorpark	99	47	Grimes Canyon	33-G			Luisian/Mohnian			
1697	Ventura	Moorpark	99	48	Grimes Canyon	33-G			Luisian/Mohnian			
1698	Ventura	Moorpark	99	49	Grimes Canyon	33-G			Luisian/Mohnian			
1699	Ventura	Moorpark	99	50	Grimes Canyon	33-G			Luisian/Mohnian			
1700	Ventura	Moorpark	99	51	Grimes Canyon	33-G			Luisian/Mohnian			
1701	Ventura	Moorpark	99	52	Grimes Canyon	33-G			Luisian/Mohnian			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
1702	Ventura	Moorpark	99	53	Grimes Canyon	33-G			Luisian/Mohnian			
1703	Ventura	Moorpark	99	54	Grimes Canyon	33-G			Luisian/Mohnian			
1704	Ventura	Moorpark	99	55	Grimes Canyon	33-G			Luisian/Mohnian			
1705	Ventura	Moorpark	99	56	Grimes Canyon	33-G			Luisian/Mohnian			
1706	Ventura	Moorpark	99	57	Grimes Canyon	33-G			Luisian/Mohnian			
1707	Ventura	Moorpark	99	58	Grimes Canyon	33-G			Luisian/Mohnian			
1708	Ventura	Moorpark	99	59	Grimes Canyon	33-G			Luisian/Mohnian			
1709	Ventura	Moorpark	99	60	Grimes Canyon	33-G			Luisian/Mohnian			
1710	Ventura	Moorpark	99	61	Grimes Canyon	33-G			Luisian/Mohnian			
1711	Ventura	Moorpark	99	62	Grimes Canyon	33-G			Luisian/Mohnian			
1712	Ventura	Moorpark	99	63	Grimes Canyon	33-G			Luisian/Mohnian			
1713	Ventura	Moorpark	99	64	Grimes Canyon	33-G			Luisian/Mohnian			
1714	Ventura	Moorpark	99	65	Grimes Canyon	33-G			Luisian/Mohnian			
1715	Ventura	Moorpark	99	66	Grimes Canyon	33-G			Luisian/Mohnian			
1716	Ventura	Moorpark	99	67	Grimes Canyon	33-G			Luisian/Mohnian			
1717	Ventura	Moorpark	99	68	Grimes Canyon	33-G			Luisian/Mohnian			
1718	Ventura	Moorpark	99	68A	Grimes Canyon	33-G			Luisian/Mohnian			
1719	Los Angeles	Newhall	100	1	SW corner of quad	18-H	old Pico Quad		no age provided			
1720	Los Angeles	Newhall	100	2	SW corner of quad	18-H			no age provided			
1721	Los Angeles	Newhall	100	3	SW corner of quad	18-H			no age provided			
1722	Los Angeles	Newhall	100	4	SW corner of quad	18-H			no age provided			
1723	Los Angeles	Newhall	100	5	SW corner of quad	18-H			no age provided			
1724	Los Angeles	Newhall	100	6	SW corner of quad	18-H			no age provided			
1725	Los Angeles	Newhall	100	7	SW corner of quad	18-H			no age provided			
1726	Los Angeles	Newhall	100	8	SW corner of quad	18-H			no age provided			
1727	Los Angeles	Newhall	100	9	SW corner of quad	18-H			no age provided			
1728	Los Angeles	Newhall	100	10	SW corner of quad	18-H			no age provided			
1729	Santa Barbara	Goleta	101	"1-2"	San Pedro Creek	44-H	auger	see loc #74	Saucesian			
1730	Santa Barbara	Goleta	101	"1-5"	San Pedro Creek	44-H	auger	strat column	Saucesian			
1731	Santa Barbara	Goleta	101	"1-10"	San Pedro Creek	44-H	auger	strat column	Saucesian			
1732	Santa Barbara	Goleta	101	"2-5"	San Pedro Creek	44-H	auger	strat column	Saucesian			
1733	Santa Barbara	Goleta	101	"1-15"	San Pedro Creek	44-H	auger	strat column	Saucesian			
1734	Santa Barbara	Goleta	101	"1-20"	San Pedro Creek	44-H	auger	strat column	Saucesian			
1735	Santa Barbara	Goleta	101	"2-10"	San Pedro Creek	44-H	auger	strat column	Saucesian			
1736	Santa Barbara	Goleta	101	"2-15"	San Pedro Creek	44-H	auger	strat column	Saucesian			
1737	Santa Barbara	Goleta	101	"3-5"	San Pedro Creek	44-H	auger	strat column	Saucesian			
1738	Santa Barbara	Goleta	101	"3-10"	San Pedro Creek	44-H	auger	strat column	Saucesian			
1739	Santa Barbara	Goleta	101	"3-15"	San Pedro Creek	44-H	auger	strat column	Saucesian			
1740	Santa Barbara	Goleta	101	"4-5"	San Pedro Creek	44-H	auger	strat column	Saucesian			
1741	Santa Barbara	Goleta	101	"6-5"	San Pedro Creek	44-H	auger	strat column	Saucesian			
1742	Santa Barbara	Goleta	101	"6-10"	San Pedro Creek	44-H	auger	strat column	Saucesian			
1743	Santa Barbara	Goleta	101	"6-15"	San Pedro Creek	44-H	auger	strat column	Saucesian			
1744	Santa Barbara	Goleta	101	1A	San Pedro Creek	44-H	auger	strat column	Saucesian			
1745	Santa Barbara	Goleta	101	1B	San Pedro Creek	44-H	auger	strat column	Saucesian			
1746	Santa Barbara	Goleta	101	102A	San Pedro Creek	44-H	auger	strat column	Saucesian			
1747	Santa Barbara	Goleta	101	104B	San Pedro Creek	44-H	auger	strat column	Saucesian			
1748	Santa Barbara	Goleta	101	103B	San Pedro Creek	44-H	auger	strat column	Saucesian			
1749	Santa Barbara	Goleta	101	102B	San Pedro Creek	44-H	auger	strat column	Saucesian			
1750	Santa Barbara	Goleta	101	105A	San Pedro Creek	44-H	auger	strat column	Saucesian			
1751	Santa Barbara	Goleta	101	105B	San Pedro Creek	44-H	auger	strat column	Saucesian			
1752	Santa Barbara	Goleta	101	104A	San Pedro Creek	44-H	auger	strat column	Saucesian			
1753	Santa Barbara	Tajiguas	102	1	NE part of quad	131-M		see loc #74	Saucesian			
1754	Santa Barbara	Tajiguas	102	2	NE part of quad	131-M		strat column	Saucesian			
1755	Santa Barbara	Tajiguas	102	3	NE part of quad	131-M		strat column	Saucesian			
1756	Santa Barbara	Gaviota	103	1	NE part of quad	131-M	Arroyo Hondo	see loc #74	Zemorrian	Derry		
1757	Santa Barbara	Gaviota	103	2	NE part of quad	131-M	Arroyo Hondo	strat column	Zemorrian			
1758	Santa Barbara	Gaviota	103	3	NE part of quad	131-M	Arroyo Hondo	strat column	Zemorrian			
1759	Santa Barbara	Gaviota	103	4	NE part of quad	131-M	Arroyo Hondo	strat column	Zemorrian			
1760	Santa Barbara	Gaviota	103	5	NE part of quad	131-M	Arroyo Hondo	strat column	Zemorrian			
1761	Santa Barbara	Gaviota	103	6	NE part of quad	131-M	Arroyo Hondo	strat column	Zemorrian			
1762	Santa Barbara	Gaviota	103	7	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1763	Santa Barbara	Gaviota	103	8	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1764	Santa Barbara	Gaviota	103	9	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1765	Santa Barbara	Gaviota	103	10	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1766	Santa Barbara	Gaviota	103	11	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1767	Santa Barbara	Gaviota	103	12	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1768	Santa Barbara	Gaviota	103	13	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1769	Santa Barbara	Gaviota	103	14	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1770	Santa Barbara	Gaviota	103	15	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1771	Santa Barbara	Gaviota	103	16	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1772	Santa Barbara	Gaviota	103	17	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1773	Santa Barbara	Gaviota	103	18	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1774	Santa Barbara	Gaviota	103	19	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1775	Santa Barbara	Gaviota	103	20	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1776	Santa Barbara	Gaviota	103	21	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1777	Santa Barbara	Gaviota	103	22	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1778	Santa Barbara	Gaviota	103	23	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1779	Santa Barbara	Gaviota	103	24	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1780	Santa Barbara	Gaviota	103	25	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1781	Santa Barbara	Gaviota	103	26	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1782	Santa Barbara	Gaviota	103	27	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1783	Santa Barbara	Gaviota	103	28	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1784	Santa Barbara	Gaviota	103	29	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1785	Santa Barbara	Gaviota	103	30	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorrian			
1786	Santa Barbara	Gaviota	103	32	NE part of quad	131-N	Arroyo Hondo	strat column	Saucesian			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
1787	Santa Barbara	Gaviota	103	33	NE part of quad	131-N	Arroyo Hondo	strat column	Saucesian			
1788	Santa Barbara	Gaviota	103	34	NE part of quad	131-N	Arroyo Hondo	strat column	Saucesian			
1789	Santa Barbara	Gaviota	103	35	NE part of quad	131-N	Arroyo Hondo	strat column	Saucesian			
1790	Santa Barbara	Gaviota	103	36	NE part of quad	131-N	Arroyo Hondo	strat column	Saucesian			
1791	Santa Barbara	Gaviota	103	38	NE part of quad	131-N	Arroyo Hondo	strat column	Saucesian			
1792	Santa Barbara	Gaviota	103	39	NE part of quad	131-N	Arroyo Hondo	strat column	Saucesian			
1793	Santa Barbara	Orcutt?	110	1	NC part of quad	14-I		strat column	age from colm	Pliocene	Reed &	
1794	Santa Barbara	Lompoc	110	2	NC part of quad	14-I		strat column	location from	Pliocene	Reed &	
1795	Santa Barbara	Lompoc	110	3	NC part of quad	14-I		strat column	Sec/T/R on	Pliocene	Reed &	
1796	Santa Barbara	Lompoc	110	4	NC part of quad	14-I		strat column	column	Pliocene	Reed &	
1797	Santa Barbara	Lompoc	110	5	NC part of quad	14-I		strat column		Pliocene	Reed &	
1798	Santa Barbara	Lompoc	110	6	NC part of quad	14-I		strat column		Pliocene	Reed &	
1799	Santa Barbara	Lompoc	110	7	NC part of quad	14-I		strat column		Pliocene	Reed &	
1800	Santa Barbara	Lompoc	110	8	NC part of quad	14-I		strat column		Pliocene	Reed &	
1801	Santa Barbara	Lompoc	110	18	NC part of quad	14-I		strat column		Pliocene	Reed &	
1802	Santa Barbara	Lompoc	110	39	NC part of quad	14-I		strat column		Pliocene	Reed &	
1803	Santa Barbara	Lompoc	110	40	NC part of quad	14-I		strat column		Pliocene	Reed &	
1804	Santa Barbara	Lompoc	110	41	NC part of quad	14-I		strat column		Pliocene	Reed &	
1805	Ventura	Fillmore	112	1	Boulder Ck Sespe	14-N				Pliocene		
1806	Ventura	Fillmore	112	2	Boulder Ck Sespe	14-N				Pliocene		
1807	Ventura	Fillmore	112	3	Boulder Ck Sespe	14-N				Pliocene		
1808	Ventura	Fillmore	112	4	Boulder Ck Sespe	14-N				Pliocene		
1809	Ventura	Fillmore	112	5	Boulder Ck Sespe	14-N				Pliocene		
1810	Ventura	Fillmore	112	6	Boulder Ck Sespe	14-N				Pliocene		
1811	Ventura	Fillmore	112	7	Boulder Ck Sespe	14-N				Pliocene		
1812	Ventura	Fillmore	112	8	Boulder Ck Sespe	14-N				Pliocene		
1813	Ventura	Fillmore	112	9	Boulder Ck Sespe	14-N				Pliocene		
1814	Ventura	Fillmore	112	10	Boulder Ck Sespe	14-N				Pliocene		
1815	Ventura	Fillmore	112	11	Boulder Ck Sespe	14-N				Pliocene		
1816	Ventura	Fillmore	112	12	Boulder Ck Sespe	14-N				Pliocene		
1817	Ventura	Fillmore	112	14	Boulder Ck Sespe	14-N				Pliocene		
1818	Ventura	Fillmore	112	15	Boulder Ck Sespe	14-N				Pliocene		
1819	Ventura	Fillmore	112	16	Boulder Ck Sespe	14-N				Pliocene		
1820	Ventura	Fillmore	112	17	Boulder Ck Sespe	14-N				Pliocene		
1821	Ventura	Fillmore	112	18	Boulder Ck Sespe	14-N				Pliocene		
1822	Ventura	Fillmore	112	19	Boulder Ck Sespe	D-6				no age provided		
1823	Ventura	Matilija	114	3	SC part of quad	31-K				no age provided		
1824	Ventura	Matilija	114	27	SC part of quad	31-K				no age provided		
1825	Ventura	Matilija	114	30	SC part of quad	31-K				no age provided		
1826	Ventura	Matilija	114	43	SC part of quad	31-K				no age provided		
1827	Ventura	Pitas Point	115	1	W of Javon Canyon	19-A				no age provided		
1828	Ventura	Pitas Point	115	2	W of Javon Canyon	19-A				no age provided		
1829	Ventura	Pitas Point	115	3	W of Javon Canyon	19-A				no age provided		
1830	Ventura	Pitas Point	115	4	W of Javon Canyon	19-A				no age provided		
1831	Ventura	Pitas Point	115	5	W of Javon Canyon	19-A				no age provided		
1832	Ventura	Pitas Point	115	6	W of Javon Canyon	19-A				no age provided		
1833	Ventura	Pitas Point	115	7	W of Javon Canyon	19-A				no age provided		
1834	Ventura	Pitas Point	115	8	W of Javon Canyon	19-A				no age provided		
1835	Ventura	Pitas Point	115	9	W of Javon Canyon	19-A				no age provided		
1836	Ventura	Pitas Point	115	10	W of Javon Canyon	19-A				no age provided		
1837	Ventura	Pitas Point	115	11	W of Javon Canyon	19-A				no age provided		
1838	Ventura	Pitas Point	116	1	Madranto Canyon	19-N				Pliocene		
1839	Ventura	Pitas Point	116	2	Madranto Canyon	19-N				Pliocene		
1840	Ventura	Pitas Point	116	3	Madranto Canyon	19-N				Pliocene		
1841	Ventura	Pitas Point	116	4	Madranto Canyon	19-N				Pliocene		
1842	Ventura	Pitas Point	116	5	Madranto Canyon	19-N				Pliocene		
1843	Ventura	Pitas Point	116	6	Madranto Canyon	19-N				Pliocene		
1844	Ventura	Pitas Point	116	7	Madranto Canyon	19-N				Pliocene		
1845	Ventura	Pitas Point	116	8	Madranto Canyon	19-N				Pliocene		
1846	Ventura	Pitas Point	116	9	Madranto Canyon	19-N				Pliocene		
1847	Ventura	Pitas Point	116	10	Madranto Canyon	19-N				Pliocene		
1848	Ventura	Pitas Point	116	11	Madranto Canyon	19-N				Pliocene		
1849	Ventura	Pitas Point	116	12	Madranto Canyon	19-N				Pliocene		
1850	Ventura	Santa Paula Peak	119	*1-1	S Paula Pk auger	21-C	Timber Canyon			Pliocene	Koch	
1851	Ventura	Santa Paula Peak	119	*1-5	S Paula Pk auger	21-C	Timber Canyon			Pliocene	Koch	
1852	Ventura	Santa Paula Peak	119	*1-10	S Paula Pk auger	21-C	Timber Canyon			Pliocene	Koch	
1853	Ventura	Santa Paula Peak	119	*2-5	S Paula Pk auger	21-C	Timber Canyon			Pliocene	Koch	
1854	Ventura	Santa Paula Peak	119	*2-8	S Paula Pk auger	21-C	Timber Canyon			Pliocene	Koch	
1855	Ventura	Santa Paula Peak	119	*3-5	S Paula Pk auger	21-C	Timber Canyon			Pliocene	Koch	
1856	Ventura	Santa Paula Peak	119	*3-8	S Paula Pk auger	21-C	Timber Canyon			Pliocene	Koch	
1857	Ventura	Santa Paula Peak	119	*4-5	S Paula Pk auger	21-C	Timber Canyon			Pliocene	Koch	
1858	Ventura	Santa Paula Peak	119	*4-8	S Paula Pk auger	21-C	Timber Canyon			Pliocene	Koch	
1859	Ventura	Santa Paula Peak	119	*5-8	S Paula Pk auger	21-C	Timber Canyon			Pliocene	Koch	
1860	Ventura	Santa Paula Peak	119	*5-5	S Paula Pk auger	21-C	Timber Canyon			Pliocene	Koch	
1861	Ventura	Santa Paula Peak	119	*6-5	S Paula Pk auger	21-C	Timber Canyon			Pliocene	Koch	
1862	Ventura	Santa Paula Peak	119	*6-8	S Paula Pk auger	21-C	Timber Canyon			Pliocene	Koch	
1863	Ventura	Santa Paula Peak	119	*7-8	S Paula Pk auger	21-C	Timber Canyon			Pliocene	Koch	
1864	Ventura	Santa Paula Peak	119	8	S Paula Pk auger	21-C	Timber Canyon			Pliocene	Koch	
1865	Ventura	Santa Paula Peak	119	9	S Paula Pk auger	21-C	Timber Canyon			Pliocene	Koch	
1866	Ventura	Santa Paula Peak	119	10	S Paula Pk auger	21-C	Timber Canyon			Pliocene	Koch	
1867	Ventura	Santa Paula Peak	119	11	S Paula Pk auger	21-C	Timber Canyon			Pliocene	Koch	
1868	Santa Barbara	Zaca Creek	120	1	EC part of quad	68-C				not diagnostic		
1869	Santa Barbara	Zaca Creek	120	2	EC part of quad	68-C				not diagnostic		
1870	Santa Barbara	Zaca Creek	120	3	EC part of quad	68-C				not diagnostic		
1871	Santa Barbara	Zaca Creek	120	4	EC part of quad	68-C				not diagnostic		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
1872	Santa Barbara	Zaca Creek	120	5	EC part of quad	68-C			not diagnostic			
1873	Santa Barbara	Zaca Creek	120	6	EC part of quad	68-C			not diagnostic			
1874	Santa Barbara	Zaca Creek	120	7	EC part of quad	68-C			not diagnostic			
1875	Santa Barbara	Zaca Creek	120	8	EC part of quad	68-C			not diagnostic			
1876	Santa Barbara	Zaca Creek	120	9	EC part of quad	68-C			not diagnostic			
1877	Santa Barbara	Zaca Creek	120	10	EC part of quad	68-C			not diagnostic			
1878	Santa Barbara	Zaca Creek	120	11	EC part of quad	68-C			not diagnostic			
1879	Santa Barbara	Zaca Creek	120	12	EC part of quad	68-C			not diagnostic			
1880	Santa Barbara	Zaca Creek	120	13	EC part of quad	68-C			not diagnostic			
1881	Santa Barbara	Zaca Creek	120	14	EC part of quad	68-C			not diagnostic			
1882	Santa Barbara	Zaca Creek	120	15	EC part of quad	68-C			not diagnostic			
1883	Santa Barbara	Zaca Creek	120	16	EC part of quad	68-C			not diagnostic			
1884	Santa Barbara	Zaca Creek	120	17	EC part of quad	68-C			not diagnostic			
1885	Santa Barbara	Zaca Creek	120	18	EC part of quad	68-C			not diagnostic			
1886	Santa Barbara	Zaca Creek	120	19	EC part of quad	68-C			not diagnostic			
1887	Santa Barbara	Zaca Creek	120	20	EC part of quad	68-C			not diagnostic			
1888	Santa Barbara	Zaca Creek	120	21	EC part of quad	68-C			not diagnostic			
1889	Santa Barbara	Zaca Creek	120	22	EC part of quad	68-C			not diagnostic			
1890	Santa Barbara	Zaca Creek	120	23	EC part of quad	68-C			Upper Mohnian			
1891	Santa Barbara	Zaca Creek	120	24	EC part of quad	68-C			Upper Mohnian			
1892	Santa Barbara	Zaca Creek	120	25	EC part of quad	68-C			not diagnostic			
1893	Santa Barbara	Zaca Creek	120	26	EC part of quad	68-C			not diagnostic			
1894	Santa Barbara	Point Conception	121	1	NE part of quad	68-D	has NP and plankt.		M Eocene A-2/C			
1895	Santa Barbara	Point Conception	121	2	NE part of quad	68-D	has NP and plankt.		M Eocene A-2/C			
1896	Santa Barbara	Point Conception	121	3	NE part of quad	68-D			Prob L Eocene			
1897	Santa Barbara	Point Conception	121	4	NE part of quad	68-D			Prob L Eocene			
1898	Santa Barbara	Point Conception	121	5	NE part of quad	68-D			Prob L Eocene			
1899	Santa Barbara	Point Conception	121	6	NE part of quad	68-D			Prob L Eocene			
1900	Santa Barbara	Lompoc Hills	121	7	SE part of quad	68-D			Paleocene E zone			
1901	Santa Barbara	Lompoc Hills	121	8	SE part of quad	68-D			Paleocene E zone			
1902	Santa Barbara	Lompoc Hills	121	9	SE part of quad	68-D			Paleocene E zone			
1903	Santa Barbara	Lompoc Hills	121	10	SE part of quad	68-D			Paleocene E zone			
1904	Santa Barbara	Lompoc Hills	121	11	SE part of quad	68-D	Discocyclina		no age provided			
1905	Santa Barbara	Casmalia	122	1	NW part of quad	2-N			not diagnostic			
1906	Santa Barbara	Casmalia	122	2	NW part of quad	2-N			not diagnostic			
1907	Santa Barbara	Casmalia	122	4	NW part of quad	2-N			not diagnostic			
1908	Santa Barbara	Casmalia	122	12	NW part of quad	2-N			Lower Luisian			
1909	Santa Barbara	Casmalia	122	13	NW part of quad	2-N			not diagnostic			
1910	Santa Barbara	Casmalia	122	14	NW part of quad	2-N			not diagnostic			
1911	Santa Barbara	Casmalia	122	17	NW part of quad	2-N			Relizian			
1912	Santa Barbara	San Miguel Island We	123	*4-67	EC part of quad	none	have strat column		Upper Eocene	Kennett		
1913	Santa Barbara	San Miguel Island We	123	*6-47	Tyler Bight	none	filed #9279		? Cretaceous	Kennett		
1914	Santa Barbara	San Miguel Island We	123	*7-47	Point Bennett	none			? Cretaceous	Kennett		
1915	Santa Barbara	San Miguel Island We	123	*8-47	N of Adams Cove	none			? Cretaceous	Kennett		
1916	Santa Barbara	San Miguel Island We	123	*9-47	EC part of quad	none			? Cretaceous	Kennett		
1917	Santa Barbara	San Miguel Island We	123	*10-47	SE of Castle Rock	none			? Cretaceous	Kennett		
1918	Ventura	Simi Valley East	124	6	NW part of quad	49-H			no age provided			
1919	Ventura	Simi Valley East	124	9	NW part of quad	49-H			no age provided			
1920	Ventura	Simi Valley East	124	10	NW part of quad	49-H			no age provided			
1921	Ventura	Simi Valley East	126	SS-1	Poison Oak Cyn	78-N	assemblage slide	Age from	Paleocene D zone			
1922	Ventura	Simi Valley East	126	SS-2	Poison Oak Cyn	78-N	assemblage slide	Weaver 1944	Paleocene D zone			
1923	Ventura	Simi Valley East	126	types	Poison Oak Cyn	78-N	assemblage slide		Paleocene D zone			
1924	Ventura	Simi Valley East	126	1	Poison Oak Cyn	61-L			Paleocene D zone			
1925	Ventura	Simi Valley East	126	2	Poison Oak Cyn	61-L			Paleocene D zone			
1926	Ventura	Simi Valley East	126	3	Poison Oak Cyn	61-L			Paleocene D zone			
1927	Ventura	Simi Valley East	126	4	Poison Oak Cyn	61-L			Paleocene D zone			
1928	Ventura	Simi Valley East	126	5	Poison Oak Cyn	61-L			Paleocene D zone			
1929	Ventura	Simi Valley East	126	6	Poison Oak Cyn	61-L			Paleocene D zone			
1930	Ventura	Simi Valley East	126	7	Poison Oak Cyn	61-L			Paleocene D zone			
1931	Ventura	Simi Valley East	126	8	Poison Oak Cyn	61-L			Paleocene D zone			
1932	Ventura	Simi Valley East	126	9	Poison Oak Cyn	61-L			Paleocene D zone			
1933	Ventura	Simi Valley East	126	10	Poison Oak Cyn	61-L			Paleocene D zone			
1934	Ventura	Simi Valley East	126	11	Poison Oak Cyn	61-L			Paleocene D zone			
1935	Ventura	Simi Valley East	126	12	Poison Oak Cyn	61-L			Paleocene D zone			
1936	Ventura	Simi Valley East	126	13	Poison Oak Cyn	61-L			Paleocene D zone			
1937	Ventura	Simi Valley East	126	14	Poison Oak Cyn	61-L			Paleocene D zone			
1938	Ventura	Simi Valley East	126	18	Poison Oak Cyn	61-L			Paleocene D zone			
1939	Ventura	Simi Valley East	126	19	Poison Oak Cyn	61-L			Paleocene D zone			
1940	Ventura	Simi Valley East	126	20	Poison Oak Cyn	61-L			Paleocene D zone			
1941	Ventura	Simi Valley East	126	21	Poison Oak Cyn	61-L			Paleocene D zone			
1942	Ventura	Simi Valley East	126	22	Poison Oak Cyn	61-L			Paleocene D zone			
1943	Ventura	Simi Valley East	126	23	Poison Oak Cyn	61-L			Paleocene D zone			
1944	Ventura	Simi Valley East	126	27	Poison Oak Cyn	61-L			Paleocene D zone			
1945	Ventura	Simi Valley East	126	28	Poison Oak Cyn	61-L			Paleocene D zone			
1946	Ventura	Simi Valley East	126	29	Poison Oak Cyn	61-L			Paleocene D zone			
1947	Ventura	Simi Valley East	126	30	Poison Oak Cyn	61-L			Paleocene D zone			
1948	Ventura	Simi Valley East	126	31	Poison Oak Cyn	61-L			Paleocene D zone			
1949	Ventura	Simi Valley East	126	32	Poison Oak Cyn	61-L			Paleocene D zone			
1950	Ventura	Simi Valley East	126	33	Poison Oak Cyn	61-L			Paleocene D zone			
1951	Ventura	Simi Valley East	126	34	Poison Oak Cyn	61-L			Paleocene D zone			
1952	Ventura	Simi Valley East	126	35	Poison Oak Cyn	61-L			Paleocene D zone			
1953	Ventura	Simi Valley East	126	36	Poison Oak Cyn	61-L			Paleocene D zone			
1954	Ventura	Simi Valley East	126	37	Poison Oak Cyn	61-L			Paleocene D zone			
1955	Ventura	Simi Valley East	126	38	Poison Oak Cyn	61-L			Paleocene D zone			
1956	Ventura	Simi Valley East	126	39	Poison Oak Cyn	61-L			Paleocene D zone			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
2127	Ventura	Ventura	128	13	center of quad	64-J			Pliocene			
2128	Ventura	Ventura	128	14	center of quad	64-J			Pliocene			
2129	Ventura	Ventura	128	15	center of quad	64-J			Pliocene			
2130	Ventura	Ventura	128	16	center of quad	64-J			Pliocene			
2131	Ventura	Ventura	128	17	center of quad	64-J			Pliocene			
2132	Ventura	Ventura	128	18	center of quad	64-J			Pliocene			
2133	Ventura	Ventura	128	19	center of quad	64-J			Pliocene			
2134	Ventura	Ventura	128	20	center of quad	64-J			Pliocene			
2135	Ventura	Ventura	128	99	center of quad	64-J			Pliocene			
2136	Ventura	Ventura	128	100	center of quad	64-J			Pliocene			
2137	Ventura	Ventura	128	101	center of quad	64-J			Pliocene			
2138	Ventura	Ventura	128	102	center of quad	64-J			Pliocene			
2139	Ventura	Ventura	128	103	center of quad	64-J			Pliocene			
2140	Ventura	Ventura	128	104	center of quad	64-J			Pliocene			
2141	Ventura	Ventura	128	105	center of quad	64-J			Pliocene			
2142	Ventura	Ventura	128	106	center of quad	64-J			Pliocene			
2143	Ventura	Ventura	128	107	center of quad	64-J			Pliocene			
2144	Ventura	Ventura	128	108	center of quad	64-J			Pliocene			
2145	Santa Barbara	Santa Rosa Island N	130	3	Carrington Point	26-F			probably Luisian			
2146	Fresno	Domengine Ranch	130	80	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2147	Fresno	Domengine Ranch	130	75	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2148	Fresno	Domengine Ranch	130	70	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2149	Fresno	Domengine Ranch	130	65	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2150	Fresno	Domengine Ranch	130	60	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2151	Fresno	Domengine Ranch	130	55	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2152	Fresno	Domengine Ranch	130	15	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2153	Fresno	Domengine Ranch	130	20	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2154	Fresno	Domengine Ranch	130	25	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2155	Fresno	Domengine Ranch	130	10	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2156	Fresno	Domengine Ranch	130	15	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2157	Fresno	Domengine Ranch	130	20	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2158	Fresno	Domengine Ranch	130	0.5	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2159	Fresno	Domengine Ranch	130	5	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2160	Fresno	Domengine Ranch	130	10	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2161	Fresno	Domengine Ranch	130	top	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2162	Fresno	Domengine Ranch	130	0.5	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2163	Fresno	Domengine Ranch	130	5	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2164	Fresno	Domengine Ranch	130	25	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2165	Fresno	Domengine Ranch	130	30	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2166	Fresno	Domengine Ranch	130	35	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2167	Fresno	Domengine Ranch	130	40	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2168	Fresno	Domengine Ranch	130	45	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2169	Fresno	Domengine Ranch	130	50	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2170	Fresno	Domengine Ranch	130	55	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2171	Fresno	Domengine Ranch	130	60	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2172	Fresno	Domengine Ranch	130	65	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2173	Fresno	Domengine Ranch	130	70	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2174	Fresno	Domengine Ranch	130	75	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2175	Fresno	Domengine Ranch	130	80	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2176	Fresno	Domengine Ranch	130	90	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2177	Fresno	Domengine Ranch	130	100	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
2178	Fresno	Domengine Ranch	131	100	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
2179	Fresno	Domengine Ranch	131	110	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
2180	Fresno	Domengine Ranch	131	120	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
2181	Fresno	Domengine Ranch	131	130	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
2182	Fresno	Domengine Ranch	131	140	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
2183	Fresno	Domengine Ranch	131	200	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
2184	Fresno	Domengine Ranch	131	290	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
2185	Fresno	Domengine Ranch	131	30	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
2186	Fresno	Domengine Ranch	131	25	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
2187	Fresno	Domengine Ranch	131	10	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
2188	Fresno	Domengine Ranch	131	5	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
2189	Fresno	Domengine Ranch	131	basal	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
2190	Fresno	Domengine Ranch	131	5	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
2191	Fresno	Domengine Ranch	131	10	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
2192	Santa Barbara	Santa Rosa Island No	131	31	not on map	26-F			Upper Saucesian			
2193	Santa Barbara	Santa Rosa Island Ea	132	5	W part of quad	26-F			U Eoc A-2 zone			
2194	Fresno	Domengine Ranch	132	A1-55	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	U Eoc A-2 zone			
2195	Fresno	Domengine Ranch	132	A1-50	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	U Eoc A-2 zone			
2196	Fresno	Domengine Ranch	132	A1-45	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	U Eoc A-2 zone			
2197	Fresno	Domengine Ranch	132	A1-40	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	M Eoc B-1 zone			
2198	Fresno	Domengine Ranch	132	A1-35A	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	M Eoc B-1 zone			
2199	Fresno	Domengine Ranch	132	A1-35B	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	M Eoc B-1 zone			
2200	Fresno	Domengine Ranch	132	A1-30	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	M Eoc B-1 zone			
2201	Fresno	Domengine Ranch	132	A1-25	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	M Eoc B-1 zone			
2202	Fresno	Domengine Ranch	132	A1-20	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	M Eoc B-1 zone			
2203	Fresno	Domengine Ranch	132	A1-15	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	M Eoc B-1 zone			
2204	Fresno	Domengine Ranch	132	A1-10	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	M Eoc B-1 zone			
2205	Fresno	Domengine Ranch	132	A1-00	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	M Eoc B-1 zone			
2206	Fresno	Domengine Ranch	132	A2-165	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	L Eoc B-2/B-3			
2207	Fresno	Domengine Ranch	132	A2-160	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	L Eoc B-2/B-3			
2208	Fresno	Domengine Ranch	132	A2-155	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	L Eoc B-2/B-3			
2209	Fresno	Domengine Ranch	132	A2-140	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	L Eoc B-2/B-3			
2210	Fresno	Domengine Ranch	132	A2-135	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	L Eoc B-2/B-3			
2211	Fresno	Domengine Ranch	132	A2-125	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	L Eoc B-2/B-3			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
2297	Fresno	Domengine Ranch	132	A4-170	SW part of quad	D-10	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2298	Fresno	Domengine Ranch	132	A4-165	SW part of quad	D-10	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2299	Fresno	Domengine Ranch	132	A4-160	SW part of quad	D-10	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2300	Fresno	Domengine Ranch	132	A4-155	SW part of quad	D-10	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2301	Fresno	Domengine Ranch	132	A4-150	SW part of quad	D-10	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2302	Fresno	Domengine Ranch	132	A4-145	SW part of quad	D-10	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2303	Fresno	Domengine Ranch	132	A4-140	SW part of quad	D-10	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2304	Fresno	Domengine Ranch	132	A4-135	SW part of quad	D-10	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2305	Fresno	Domengine Ranch	132	A4-130	SW part of quad	D-10	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2306	Fresno	Domengine Ranch	132	A4-125	SW part of quad	D-10	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2307	Fresno	Domengine Ranch	132	A4-120	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2308	Fresno	Domengine Ranch	132	A4-115	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2309	Fresno	Domengine Ranch	132	A4-110	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2310	Fresno	Domengine Ranch	132	A4-105	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2311	Fresno	Domengine Ranch	132	A4-100	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2312	Fresno	Domengine Ranch	132	A4-95	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2313	Fresno	Domengine Ranch	132	A4-90	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2314	Fresno	Domengine Ranch	132	A4-85	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2315	Fresno	Domengine Ranch	132	A4-80	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2316	Fresno	Domengine Ranch	132	A4-75	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2317	Fresno	Domengine Ranch	132	A4-70	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
2318	Fresno	Domengine Ranch	132	A4-65	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
2319	Fresno	Domengine Ranch	132	A4-60	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
2320	Fresno	Domengine Ranch	132	A4-55	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
2321	Fresno	Domengine Ranch	132	A4-50	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
2322	Fresno	Domengine Ranch	132	A4-45	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
2323	Fresno	Domengine Ranch	132	A4-40	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
2324	Fresno	Domengine Ranch	132	A4-35	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
2325	Fresno	Domengine Ranch	132	A4-30	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
2326	Fresno	Domengine Ranch	132	A4-28	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
2327	Fresno	Domengine Ranch	132	A4-25	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
2328	Fresno	Domengine Ranch	132	A4-20	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
2329	Fresno	Domengine Ranch	132	A4-15	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
2330	Fresno	Domengine Ranch	132	A4-09	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
2331	Fresno	Domengine Ranch	132	A4-05	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
2332	Fresno	Domengine Ranch	132	A4-03	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
2333	Fresno	Domengine Ranch	132	A4-00	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
2334	Fresno	Domengine Ranch	132	slide 1	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
2335	Fresno	Domengine Ranch	132	slide 2	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
2336	Fresno	Domengine Ranch	132	slide 3	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
2337	Fresno	Domengine Ranch	132	slide 4	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
2338	Fresno	Domengine Ranch	132	slide 5	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
2339	Santa Barbara	Santa Rosa Island So	133	16	W half of Island	26-F			Saucesian/Relizian			
2340	Santa Barbara	Santa Rosa Island So	133	20	W half of Island	26-F			u			
2341	Santa Barbara	Santa Rosa Island So	133	21	W half of Island	26-F			U Eocene A-2 zone			
2342	Santa Barbara	Santa Rosa Island So	134	2	E half of Island	26-F			Miocene			
2343	Santa Barbara	Santa Rosa Island So	134	9	E half of Island	26-F			U Eocene A-2 zone			
2344	Santa Barbara	Santa Rosa Island So	134	10	E half of Island	26-F			?U Eocene A-2 zone			
2345	Santa Barbara	Santa Rosa Island So	134	11	E half of Island	26-F			U Eocene A-2 zone			
2346	Santa Barbara	Santa Rosa Island So	134	12	E half of Island	26-F			U Eocene A-2 zone			
2347	Santa Barbara	Santa Rosa Island So	134	13	E half of Island	26-F			U Eocene A-2 zone			
2348	Santa Barbara	Santa Rosa Island So	134	15	E half of Island	26-F			? Upper Eocene			
2349	Santa Barbara	Santa Cruz Island C	135	2	Potato Harbor	26-F			Pleistocene			
2350	Santa Barbara	Santa Cruz Island C	135	3	Potato Harbor	26-F			Lower Luisian			
2351	Santa Barbara	Santa Cruz Island C	136	2	North coast	26-F			Relizian			
2352	Santa Barbara	Santa Cruz Island C	136	4	North coast	26-F			Lower Mohnian			
2353	Santa Barbara	Santa Cruz Island C	136	8	North coast	26-F			Mohnian			
2354	Santa Barbara	Santa Cruz Island C	136	9	North coast	26-F			Middle Mohnian			
2355	Santa Barbara	Santa Cruz Island A	137	9	Morse Point	26-F	have dupe slide		Eocene			
2356	Santa Barbara	Santa Cruz Island A	137	11	Morse Point	26-F			not diagnostic			
2357	Santa Barbara	Santa Cruz Island A	137	13	Canada Posa	26-F			Eocene			
2358	Santa Barbara	Santa Cruz Island A	137	17	Christi Ranch	26-H			Saucesian?			
2359	Santa Barbara	Santa Cruz Island A	137	22	Christi Ranch	26-H			Saucesian			
2360	Santa Barbara	Santa Cruz Island A	140	6	SE part of quad	25-N			Upper Saucesian			
2361	Santa Barbara	Santa Cruz Island A	140	7	SE part of quad	25-N			Upper Saucesian			
2362	Santa Barbara	Santa Cruz Island A	140	8	SE part of quad	25-N			Upper Saucesian			
2363	Santa Barbara	Santa Cruz Island A	140	14	SE part of quad	25-N			not diagnostic			
2364	Santa Barbara	Santa Cruz Island A	140	15	SE part of quad	25-N			not diagnostic			
2365	Santa Barbara	Santa Cruz Island A	140	16	SE part of quad	25-N			Eocene, prob C zone			
2366	Santa Barbara	Santa Cruz Island A	140	18	SE part of quad	25-N			Eocene, prob C zone			
2367	Santa Barbara	Santa Cruz Island A	140	19	SE part of quad	25-N			Eocene, prob C zone			
2368	Santa Barbara	Santa Cruz Island A	140	20	SE part of quad	25-N			Eocene, prob C zone			
2369	Santa Barbara	Santa Cruz Island A	140	22	SE part of quad	25-N			Eocene, prob C zone			
2370	Santa Barbara	Santa Cruz Island A	140	23	SE part of quad	25-N			Eocene, prob C zone			
2371	Santa Barbara	Santa Cruz Island A	140	25	SE part of quad	25-N			Eocene, prob C zone			
2372	Ventura	Moorpark	145	1	WC part of quad	29-L			Pliocene			
2373	Ventura	Moorpark	145	2	WC part of quad	29-L			Pliocene			
2374	Ventura	Moorpark	145	3	WC part of quad	29-L			Pliocene			
2375	Ventura	Moorpark	145	4	WC part of quad	29-L			Pliocene			
2376	Ventura	Moorpark	145	5	WC part of quad	29-L			Pliocene			
2377	Ventura	Moorpark	145	6	WC part of quad	29-L			Pliocene			
2378	Ventura	Moorpark	145	7	WC part of quad	29-L			Pliocene			
2379	Ventura	Moorpark	145	8	WC part of quad	29-L			Pliocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
2890	Ventura	Ventura	149	322	Hall Canyon	36-G			Pliocene			
2891	Ventura	Ventura	149	323	Hall Canyon	36-G			Pliocene			
2892	Ventura	Ventura	149	324	Hall Canyon	36-G			Pliocene			
2893	Ventura	Ventura	149	325	Hall Canyon	36-G			Pliocene			
2894	Ventura	Ventura	149	326	Hall Canyon	36-G			Pliocene			
2895	Ventura	Ventura	149	327	Hall Canyon	36-G			Pliocene			
2896	Ventura	Ventura	149	328	Hall Canyon	36-G			Pliocene			
2897	Ventura	Ventura	149	329	Hall Canyon	36-G			Pliocene			
2898	Ventura	Moorpark	151	22	NC part of quad	43-I			Upper Saucesian			
2899	Ventura	Moorpark	151	28	NC part of quad	43-I			Upper Saucesian			
2900	Fresno	Domengine Ranch	151	10A1	Domengine Ranch	D-12	Joaquin Rocks 15'	trench	Eocene	Patchett		
2901	Fresno	Domengine Ranch	151	10A2	Domengine Ranch	D-12	Joaquin Rocks 15'	trench	Eocene	Patchett		
2902	Fresno	Domengine Ranch	151	10A3	Domengine Ranch	D-12	Joaquin Rocks 15'	trench	Eocene	Patchett		
2903	Fresno	Domengine Ranch	151	10A4	Domengine Ranch	D-12	Joaquin Rocks 15'	trench	Eocene	Patchett		
2904	Fresno	Joaquin Rocks	152	P42	NE part of quad	G-5	Joaquin Rocks 15'		Eocene	Patchett		
2905	Fresno	Joaquin Rocks	152	P42A1	NE part of quad	G-5	Joaquin Rocks 15'		Eocene	Patchett		
2906	Fresno	Joaquin Rocks	152	P42A2	NE part of quad	G-5	Joaquin Rocks 15'		Eocene	Patchett		
2907	Fresno	Joaquin Rocks	152	P42A3	NE part of quad	G-5	Joaquin Rocks 15'		Eocene	Patchett		
2908	Fresno	Joaquin Rocks	152	P42A5	NE part of quad	G-5	Joaquin Rocks 15'		Eocene	Patchett		
2909	Fresno	Ciervo Mountain	154	P65	Cantua Creek	G-5	New Idria 15'	age from map	Paleocene D zone	Patchett		
2910	Fresno	Ciervo Mountain	154	P65-2	Cantua Creek	G-5	New Idria 15'	age from map	Paleocene D zone	Patchett		
2911	Fresno	Ciervo Mountain	154	P65-5	Cantua Creek	G-5	New Idria 15'	age from map	Paleocene D zone	Patchett		
2912	Fresno	Ciervo Mountain	155	P77-4	E of Arroyo Hondo	D-12	New Idria 15'		Eocene	Patchett		
2913	Fresno	Ciervo Mountain	155	P77-5	E of Arroyo Hondo	D-12	New Idria 15'		Eocene	Patchett		
2914	Fresno	Ciervo Mountain	156	P90-A	Arroyo Hondo	D-12	New Idria 15'		Eocene	Patchett		
2915	Fresno	Ciervo Mountain	156	P90B1	Arroyo Hondo	D-12	New Idria 15'		Eocene	Patchett		
2916	Fresno	Ciervo Mountain	156	P90B2	Arroyo Hondo	D-12	New Idria 15'		Eocene	Patchett		
2917	Fresno	Ciervo Mountain	156	P90C2	Arroyo Hondo	D-12	New Idria 15'		Eocene	Patchett		
2918	Fresno	Ciervo Mountain	156	CLGA1	Canoas	D-12	New Idria 15'		Eocene	Patchett		
2919	Fresno	Ciervo Mountain	156	CLGA2	Canoas	D-12	New Idria 15'		Eocene	Patchett		
2920	Fresno	Ciervo Mountain	156	CLGA3	Canoas	D-12	New Idria 15'		Eocene	Patchett		
2921	Fresno	Ciervo Mountain	156	P90C	Arroyo Hondo	G-5	New Idria 15'		Eocene	Patchett		
2922	Fresno	Ciervo Mountain	156	P90C1	Arroyo Hondo	G-5	New Idria 15'		Eocene	Patchett		
2923	Fresno	Tumey Hills	157	P135	NC part of quad	G-5			Eocene	Patchett		
2924	Fresno	Tumey Hills	157	P135A	NC part of quad	G-5			Eocene	Patchett		
2925	Fresno	Tumey Hills	157	P135B	NC part of quad	G-5			Eocene	Patchett		
2926	Fresno	Tumey Hills	157	P135C	NC part of quad	G-5			Eocene	Patchett		
2927	Fresno	Tumey Hills	157	P135D	NC part of quad	G-5			Eocene	Patchett		
2928	Fresno	Tumey Hills	158	P143-1	NC part of quad	G-7			Eocene	Patchett		
2929	Fresno	Tumey Hills	158	P143-3	NC part of quad	G-7			Eocene	Patchett		
2930	Fresno	Tumey Hills	158	P143-4	NC part of quad	G-7			Eocene	Patchett		
2931	Fresno	Tumey Hills	160	1	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
2932	Fresno	Tumey Hills	160	2	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
2933	Fresno	Tumey Hills	160	4	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
2934	Fresno	Tumey Hills	160	5	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
2935	Fresno	Tumey Hills	160	6	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
2936	Fresno	Tumey Hills	160	7	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
2937	Fresno	Tumey Hills	160	8	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
2938	Fresno	Tumey Hills	160	9	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
2939	Fresno	Tumey Hills	160	10	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
2940	Fresno	Tumey Hills	160	11	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
2941	Fresno	Tumey Hills	160	12	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
2942	Fresno	Tumey Hills	160	13	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
2943	Fresno	Tumey Hills	160	14	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
2944	Fresno	Tumey Hills	160	15	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
2945	Fresno	Tumey Hills	161		EC part of quad	G-5	P148A		Eocene	Patchett		
2946	Fresno	Tumey Hills	161		EC part of quad	G-5	P148B		Eocene	Patchett		
2947	Fresno	Tumey Hills	161		EC part of quad	G-5	P148C		Eocene	Patchett		
2948	Fresno	Tumey Hills	161		EC part of quad	G-5	P148D		Eocene	Patchett		
2949	Fresno	Tumey Hills	161		EC part of quad	D-14	P148AB		Eocene	Patchett		
2950	Ventura	Santa Paula	162	11	center of quad	44-M	all samples have	reworked	forams			
2951	Ventura	Santa Paula	162	16	center of quad	44-M	all samples have	reworked	forams			
2952	Ventura	Santa Paula	162	20	center of quad	44-M	all samples have	reworked	forams			
2953	Ventura	Santa Paula	162	21	center of quad	44-M	all samples have	reworked	forams			
2954	Ventura	Santa Paula	162	24	center of quad	44-M	all samples have	reworked	forams			
2955	Fresno	Ciervo Mountain?	162	P149A	not on map	G-5	New Idria 15'		Eocene	Patchett		
2956	Fresno	Ciervo Mountain?	162	P149B	not on map	G-5	New Idria 15'		Eocene	Patchett		
2957	Fresno	Ciervo Mountain?	162	P149C	not on map	G-5	New Idria 15'		Eocene	Patchett		
2958	Fresno	Ciervo Mountain?	163	P151	not on map	G-5	New Idria 15'		Eocene	Patchett		
2959	Fresno	Ciervo Mountain?	163	P151A1	not on map	G-5	New Idria 15'		Eocene	Patchett		
2960	Fresno	Ciervo Mountain?	163	P151A3	not on map	G-5	New Idria 15'		Eocene	Patchett		
2961	Ventura	Simi Valley West	164	2	NE corner of quad	G-4	old Simi quad		Luisian			
2962	Ventura	Simi Valley West	164	3	NE corner of quad	G-4	old Simi quad		Luisian/Relizian			
2963	Ventura	Simi Valley West	164	4	NE corner of quad	G-4	old Simi quad		Luisian/Relizian			
2964	Fresno	Ciervo Mountain?	164	P174-1	not on map	G-5	New Idria 15'		Eocene	Patchett		
2965	Fresno	Ciervo Mountain?	164	P174-2	not on map	G-5	New Idria 15'		Eocene	Patchett		
2966	Fresno	Ciervo Mountain?	164	P174-3	not on map	G-5	New Idria 15'		Eocene	Patchett		
2967	Fresno	Ciervo Mountain?	164	P174-4	not on map	G-5	New Idria 15'		Eocene	Patchett		
2968	Ventura	Simi Valley West	165	2	NE corner of quad	44-J	old Simi quad		Luisian/Relizian	White		
2969	Ventura	Simi Valley West	165	6	NE corner of quad	44-J	old Simi quad		Miocene?	White		
2970	Ventura	Simi Valley West	165	11	NE corner of quad	44-J	old Simi quad		Miocene?	White		
2971	Ventura	Simi Valley West	166	17	NE corner of quad	9-G	old Simi quad		Miocene?			
2972	Los Angeles	Cobblestone Mountain	167	2	Lower Piru Ck	50-J	have foram		Paleocene			
2973	Los Angeles	Cobblestone Mountain	167	3	Lower Piru Ck	50-J	check list		Paleocene			
2974	Los Angeles	Cobblestone Mountain	167	4	Lower Piru Ck	50-J	check list		Paleocene			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
3060	Ventura	Lockwood Valley	169	16	upper Piru Ck	50-M	strat column			Paleocene/Eocene		
3061	Ventura	Lockwood Valley	169	17	upper Piru Ck	50-M	strat column			Paleocene/Eocene		
3062	Ventura	Lockwood Valley	169	18	upper Piru Ck	50-M	strat column			Paleocene/Eocene		
3063	Ventura	Lockwood Valley	169	19	upper Piru Ck	50-M	strat column			Paleocene/Eocene		
3064	Ventura	Lockwood Valley	169	22	upper Piru Ck	50-M	strat column			Lower Eocene		
3065	Ventura	Lockwood Valley	169	23	upper Piru Ck	50-M	strat column			Lower Eocene		
3066	Ventura	Lockwood Valley	169	26	upper Piru Ck	50-M	strat column			Lower Eocene		
3067	Ventura	Lockwood Valley	169	28	upper Piru Ck	50-L	strat column			Lower Eocene		
3068	Ventura	Lockwood Valley	169	29	upper Piru Ck	50-L	strat column			Lower Eocene		
3069	Ventura	Lockwood Valley	169	30	upper Piru Ck	50-L	strat column			Lower Eocene		
3070	Ventura	Lockwood Valley	169	37	upper Piru Ck	50-M	strat column			Lower Eocene		
3071	Ventura	Lockwood Valley	169	38	upper Piru Ck	50-M	strat column			Lower Eocene		
3072	Ventura	Lockwood Valley	169	39	upper Piru Ck	50-M	strat column			Lower Eocene		
3073	Ventura	Lockwood Valley	169	40	upper Piru Ck	50-M	strat column			Lower Eocene		
3074	Ventura	Lockwood Valley	169	41	upper Piru Ck	50-M	strat column			Lower Eocene		
3075	Ventura	Lockwood Valley	169	42	upper Piru Ck	50-M	strat column			Lower Eocene		
3076	Ventura	Lockwood Valley	169	43	upper Piru Ck	50-M	strat column			Lower Eocene		
3077	Ventura	Lockwood Valley	169	59	upper Piru Ck	50-M	strat column			Lower Eocene		
3078	Contra Costa	Antioch South	169	9	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh		not diagnostic	Weddle	
3079	Contra Costa	Antioch South	169	10	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh		Narizian A-1	Weddle	
3080	Contra Costa	Antioch South	169	11	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh		Narizian A-1	Weddle	
3081	Contra Costa	Antioch South	169	12	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh		Narizian A-1	Weddle	
3082	Contra Costa	Antioch South	169	13	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh		Narizian A-1	Weddle	
3083	Contra Costa	Antioch South	169	14	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh		barren	Weddle	
3084	Contra Costa	Antioch South	169	15	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh		Narizian A-1	Weddle	
3085	Contra Costa	Antioch South	169	16	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh		Narizian A-1	Weddle	
3086	Contra Costa	Antioch South	169	18	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh		not diagnostic	Weddle	
3087	Contra Costa	Antioch South	169	19	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh		Narizian	Weddle	
3088	Contra Costa	Antioch South	169	20	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh		Narizian	Weddle	
3089	Contra Costa	Antioch South	169	21	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh		not diagnostic	Weddle	
3090	Contra Costa	Clayton	169	22	Markley Canyon	E-5	Mt Diablo 15'	Domengine		not diagnostic	Weddle	
3091	Contra Costa	Clayton	169	23	Markley Canyon	E-5	Mt Diablo 15'	Nortonville		not diagnostic	Weddle	
3092	Contra Costa	Antioch South	169	24	Markley Canyon	E-5	Mt Diablo 15'	Nortonville		not diagnostic	Weddle	
3093	Contra Costa	Antioch South	169	25	Markley Canyon	E-5	Mt Diablo 15'	Nortonville		not diagnostic	Weddle	
3094	Contra Costa	Antioch South	169	26	Markley Canyon	E-5	Mt Diablo 15'	Nortonville		not diagnostic	Weddle	
3095	Contra Costa	Antioch South	169	27	Markley Canyon	E-5	Mt Diablo 15'	Nortonville		not diagnostic	Weddle	
3096	Contra Costa	Antioch South	169	28	Markley Canyon	E-5	Mt Diablo 15'	Nortonville		not diagnostic	Weddle	
3097	Contra Costa	Antioch South	169	29	Markley Canyon	E-5	Mt Diablo 15'	Nortonville		not diagnostic	Weddle	
3098	Contra Costa	Antioch South	169	30	Markley Canyon	E-5	Mt Diablo 15'	Nortonville		not diagnostic	Weddle	
3099	Contra Costa	Clayton	169	33	EC part of quad	E-5	Mt Diablo 15'			Eocene	Weddle	
3100	Contra Costa	Clayton	169	35	EC part of quad	E-5	Mt Diablo 15'			Eocene	Weddle	
3101	Contra Costa	Clayton	169	36	EC part of quad	E-5	Mt Diablo 15'			Eocene	Weddle	
3102	Contra Costa	Clayton	169	37	EC part of quad	E-5	Mt Diablo 15'			Eocene	Weddle	
3103	Contra Costa	Clayton	169	38	EC part of quad	E-5	Mt Diablo 15'			Eocene	Weddle	
3104	Contra Costa	Clayton	169	39	EC part of quad	E-5	Mt Diablo 15'			Eocene	Weddle	
3105	Contra Costa	Clayton	169	40	EC part of quad	E-5	Mt Diablo 15'			U Cret F-1 zone	Weddle	
3106	Contra Costa	Clayton	169	41	EC part of quad	E-5	flood radiolaria			barren	Weddle	
3107	Contra Costa	Clayton	169	42	EC part of quad	E-5	Mt Diablo 15'			Eocene	Weddle	
3108	Contra Costa	Clayton	169	43	EC part of quad	E-5	Mt Diablo 15'			no paleo info	Weddle	
3109	Contra Costa	Clayton	169	44	EC part of quad	E-5	Mt Diablo 15'			Eocene	Weddle	
3110	Contra Costa	Clayton	169	45	EC part of quad	E-5	Mt Diablo 15'			barren	Weddle	
3111	Contra Costa	Clayton	169	46	EC part of quad	E-5	Mt Diablo 15'			barren	Weddle	
3112	Contra Costa	Clayton	169	47	EC part of quad	E-5	Mt Diablo 15'			not diagnostic	Weddle	
3113	Contra Costa	Clayton	169	48	EC part of quad	E-5	Mt Diablo 15'			not diagnostic	Weddle	
3114	Contra Costa	Clayton	169	49	EC part of quad	E-5	Mt Diablo 15'			not diagnostic	Weddle	
3115	Contra Costa	Antioch South	169	50	center of quad	E-5	Mt Diablo 15'			Eocene	Weddle	
3116	Contra Costa	Antioch South	169	51	center of quad	E-5	Mt Diablo 15'			not diagnostic	Weddle	
3117	Contra Costa	Antioch South	169	52	center of quad	E-5	Mt Diablo 15'			Eocene	Weddle	
3118	Contra Costa	Antioch South	169	53	center of quad	E-5	Mt Diablo 15'			Eocene	Weddle	
3119	Contra Costa	Antioch South	169	54	center of quad	E-5	Mt Diablo 15'			Eocene	Weddle	
3120	Contra Costa	Antioch South	169	55	center of quad	E-5	Mt Diablo 15'			Eocene	Weddle	
3121	Contra Costa	Antioch South	169	56	center of quad	E-5	Mt Diablo 15'			Eocene	Weddle	
3122	Contra Costa	Antioch South	169	57	center of quad	E-5	Mt Diablo 15'			Eocene	Weddle	
3123	Contra Costa	Antioch South	169	58	center of quad	E-5	Mt Diablo 15'			Eocene	Weddle	
3124	Contra Costa	Antioch South	169	59	center of quad	E-5	Mt Diablo 15'			no paleo info	Weddle	
3125	Contra Costa	Antioch South	169	60	center of quad	E-5	abun radiolaria			barren	Weddle	
3126	Contra Costa	Antioch South	169	66	Antioch airport	E-5	common radiolaria			barren	Weddle	
3127	Contra Costa	Antioch South	169	67	EC part of quad	E-6	Mt Diablo 15'	Meganos E		Eocene	Weddle	
3128	Contra Costa	Antioch South	169	71	SE part of quad	E-6	Mt Diablo 15'			Cretaceous	Weddle	
3129	Contra Costa	Antioch South	169	72	SE part of quad	E-6	Mt Diablo 15'			Cretaceous	Weddle	
3130	Contra Costa	Antioch South	169	73	SE part of quad	E-6	Mt Diablo 15'			Cretaceous	Weddle	
3131	Contra Costa	Antioch South	169	74	SE part of quad	E-6	Mt Diablo 15'			Cretaceous	Weddle	
3132	Contra Costa	Antioch South	169	75	SE part of quad	E-6	Mt Diablo 15'			Cretaceous	Weddle	
3133	Contra Costa	Antioch South	169	76	SE part of quad	E-6	Mt Diablo 15'			Cretaceous	Weddle	
3134	Contra Costa	Antioch South	169	77	SE part of quad	E-6	Mt Diablo 15'			Cretaceous	Weddle	
3135	Contra Costa	Antioch South	169	78	SE part of quad	E-6	Mt Diablo 15'			Cretaceous	Weddle	
3136	Contra Costa	Antioch South	169	79	not found	E-6	abun Radiolaria	Eocene		barren	Weddle	
3137	Contra Costa	Antioch South	169	80	not found	E-6	flood radiolaria	Eocene		barren	Weddle	
3138	Ventura	San Guillermo	170	4	Wagon Rd Canyon	50-K	strat column			no ages given but	Zeni &	
3139	Ventura	San Guillermo	170	8	Wagon Rd Canyon	50-K	locality not on map			poss all Eocene		
3140	Ventura	San Guillermo	170	9	Wagon Rd Canyon	50-K	but has locality			poss all Eocene		
3141	Ventura	San Guillermo	170	10	Wagon Rd Canyon	50-K	data on strat col.			poss all Eocene		
3142	Ventura	San Guillermo	170	15	Wagon Rd Canyon	50-K				poss all Eocene		
3143	Ventura	San Guillermo	170	18	Wagon Rd Canyon	50-K				poss all Eocene		
3144	Ventura	San Guillermo	170	21	Wagon Rd Canyon	50-K				poss all Eocene		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
3315	Contra Costa	Walnut Creek	176	101	Muir Station	E-7			Middle Eocene	Weddle		
3316	Contra Costa	Walnut Creek	176	102	Muir Station	E-7			Middle Eocene	Weddle		
3317	Contra Costa	Walnut Creek	176	103	Muir Station	E-7			Middle Eocene	Weddle		
3318	Contra Costa	Walnut Creek	176	104	Muir Station	E-6			Eocene A-2	Weddle		
3319	Contra Costa	Walnut Creek	176	105	Muir Station	E-6			Eocene A-2	Weddle		
3320	Contra Costa	Walnut Creek	176	106	Muir Station	E-6			Eocene A-2	Weddle		
3321	Contra Costa	Walnut Creek	176	107	Muir Station	E-6			Eocene A-2	Weddle		
3322	Contra Costa	Walnut Creek	176	108	Muir Station	E-6			Eocene A-2	Weddle		
3323	Contra Costa	Walnut Creek	176	109	Muir Station	E-6			Eocene A-2	Weddle		
3324	Contra Costa	Walnut Creek	176	110	Muir Station	E-6			Eocene A-2	Weddle		
3325	Contra Costa	Walnut Creek	176	111	Muir Station	E-6			Eocene A-2	Weddle		
3326	Contra Costa	Walnut Creek	176	112	Muir Station	E-6			Eocene A-2	Weddle		
3327	Contra Costa	Walnut Creek	176	113	Muir Station	E-6			Eocene A-2	Weddle		
3328	Contra Costa	Walnut Creek	176	114	Muir Station	E-6			Eocene A-2	Weddle		
3329	Contra Costa	Walnut Creek	176	115	Muir Station	E-6			Eocene A-3	Weddle		
3330	Contra Costa	Walnut Creek	176	116	Muir Station	E-6			Eocene A-2	Weddle		
3331	Contra Costa	Walnut Creek	176	117	Muir Station	E-6			Eocene A-2	Weddle		
3332	Contra Costa	Walnut Creek	176	118	Muir Station	E-6			Eocene A-2	Weddle		
3333	Contra Costa	Walnut Creek	176	119	Muir Station	E-6			Eocene A-1	Weddle		
3334	Contra Costa	Walnut Creek	176	120	Muir Station	E-6			Eocene A-2	Weddle		
3335	Contra Costa	Walnut Creek	176	121	Muir Station	E-6			not diagnostic	Weddle		
3336	Contra Costa	Walnut Creek	176	122	Muir Station	E-6			not diagnostic	Weddle		
3337	Contra Costa	Walnut Creek	176	123	Muir Station	E-6			not diagnostic	Weddle		
3338	Contra Costa	Walnut Creek	176	124	Muir Station	E-6			not diagnostic	Weddle		
3339	Contra Costa	Walnut Creek	176	125	Muir Station	E-2			not diagnostic	Weddle		
3340	Contra Costa	Walnut Creek	176	126	Muir Station	E-2			not diagnostic	Weddle		
3341	Contra Costa	Walnut Creek	176	127	Muir Station	E-2			Eocene A-2	Weddle		
3342	Contra Costa	Walnut Creek	176	128	Muir Station	E-2			not diagnostic	Weddle		
3343	Contra Costa	Walnut Creek	176	83RW	Muir Station	E-2	rewashed samples		Eocene			
3344	Contra Costa	Walnut Creek	176	87RW	Muir Station	E-2	rewashed samples		Eocene			
3345	Contra Costa	Walnut Creek	176	124RW	Muir Station	E-2	rewashed samples		Eocene			
3346	Contra Costa	Walnut Creek	176	125RW	Muir Station	E-2	rewashed samples		Eocene			
3347	Contra Costa	Walnut Creek	176	126RW	Muir Station	E-2	rewashed samples		Eocene			
3348	Contra Costa	Walnut Creek	176	127RW	Muir Station	E-2	rewashed samples		Eocene			
3349	Contra Costa	Walnut Creek	176	127BRW	Muir Station	E-2	rewashed samples		Eocene			
3350	Contra Costa	Walnut Creek	176	128RW	Muir Station	E-2	rewashed samples		Eocene			
3351	Solano	Denverton	177	129	Potrero Hills	E-10	not on map		no paleo info			
3352	Solano	Denverton	177	130	Potrero Hills	E-10	not on map		no paleo info			
3353	Solano	Denverton	177	131	Potrero Hills	E-10	not on map		no paleo info			
3354	Solano	Denverton	177	132	Potrero Hills	E-10	not on map		no paleo info			
3355	Solano	Denverton	177	133	Potrero Hills	E-10	not on map		no paleo info			
3356	Solano	Denverton	177	134	Potrero Hills	E-10	not on map		no paleo info			
3357	Solano	Denverton	177	135	Potrero Hills	E-10	not on map		no paleo info			
3358	Solano	Denverton	177	136	Potrero Hills	E-10	not on map		no paleo info			
3359	Solano	Denverton	177	137	Potrero Hills	E-10	not on map		no paleo info			
3360	Solano	Denverton	177	138	Potrero Hills	E-10	not on map		no paleo info			
3361	Solano	Denverton	177	139	Potrero Hills	E-10	not on map		no paleo info			
3362	Solano	Denverton	177	140	Potrero Hills	E-10	not on map		no paleo info			
3363	Solano	Denverton	177	141	Potrero Hills	E-10	not on map		no paleo info			
3364	Solano	Denverton	177	142	Potrero Hills	E-10	not on map		no paleo info			
3365	Solano	Denverton	177	151	Potrero Hills	E-10	not on map		no paleo info			
3366	Solano	Denverton	177	152	Potrero Hills	E-10	not on map		no paleo info			
3367	Solano	Denverton	177	153	Potrero Hills	E-10	not on map		no paleo info			
3368	Solano	Denverton	177	155	Potrero Hills	E-10	not on map		no paleo info			
3369	Solano	Denverton	177	156	Potrero Hills	E-10	not on map		no paleo info			
3370	Solano	Denverton	177	157	Potrero Hills	E-10	not on map		no paleo info			
3371	Solano	Denverton	177	158	Potrero Hills	E-10	not on map		no paleo info			
3372	Solano	Denverton	177	159	Potrero Hills	E-10	not on map		no paleo info			
3373	Solano	Denverton	177	161	Potrero Hills	E-10	not on map		no paleo info			
3374	Solano	Denverton	177	162	Potrero Hills	E-10	not on map		no paleo info			
3375	Solano	Denverton	177	163	Potrero Hills	E-10	not on map		no paleo info			
3376	Solano	Denverton	177	164	Potrero Hills	E-10	not on map		no paleo info			
3377	Solano	Denverton	177	165	Potrero Hills	E-10	not on map		no paleo info			
3378	Solano	Denverton	177	166	Potrero Hills	E-10	not on map		no paleo info			
3379	Yolo	Guinda	178	2	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
3380	Yolo	Guinda	178	3	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
3381	Yolo	Guinda	178	4	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
3382	Yolo	Guinda	178	5	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
3383	Yolo	Guinda	178	6	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
3384	Yolo	Guinda	178	7	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
3385	Yolo	Guinda	178	9	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
3386	Yolo	Guinda	178	10	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
3387	Yolo	Guinda	178	11	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
3388	Yolo	Guinda	178	12	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
3389	Yolo	Guinda	178	14	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
3390	Yolo	Guinda	178	15	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
3391	Yolo	Guinda	178	16	Guinda	150-F	Dunnigan Ck	strat column	U Cret F-2 zone	Solari		
3392	Yolo	Guinda	178	17	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
3393	Fresno	Tumey Hills	179	9-3 etc	Silver Creek area	H-12	type Lodo area	strat column	Upper Cretaceous	Weddle		
3394	Fresno	Tumey Hills	179	4	Silver Creek area	H-12	type Lodo area	strat column	Upper Cretaceous	Weddle		
3395	Fresno	Tumey Hills	179	5	Silver Creek area	H-12	type Lodo area	strat column	Upper Cretaceous	Weddle		
3396	Fresno	Tumey Hills	179	6	Silver Creek area	H-12	type Lodo area	strat column	Upper Cretaceous	Weddle		
3397	Fresno	Tumey Hills	179	8	Silver Creek area	H-12	type Lodo area	strat column	Upper Cretaceous	Weddle		
3398	Fresno	Tumey Hills	179	9	Silver Creek area	H-12	type Lodo area	strat column	Upper Cretaceous	Weddle		
3399	Fresno	Tumey Hills	179	10	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
3655	Contra Costa	Antioch South	182	391	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
3656	Contra Costa	Antioch South	182	392	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
3657	Contra Costa	Antioch South	182	393	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
3658	Contra Costa	Antioch South	182	394	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
3659	Contra Costa	Antioch South	182	395	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
3660	Contra Costa	Antioch South	182	396	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
3661	Contra Costa	Antioch South	182	397	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
3662	Contra Costa	Antioch South	182	398	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
3663	Contra Costa	Antioch South	182	399	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
3664	Contra Costa	Antioch South	183	200	SE part of quad	E-12	NE 1/4 (locs from	21/1N/2E	Eocene	Solari		
3665	Contra Costa	Antioch South	183	200A	SE part of quad	E-12	back of slide)	21/1N/2E	Eocene	Solari		
3666	Contra Costa	Brentworth	183	201	Dry Creek area	E-12	Abun radiolaria in	27/1N/2E	Eocene	Solari		
3667	Contra Costa	Byron Hot Springs	183	202	NC part of quad	E-12	all slides	8/1S/2E	Eocene	Solari		
3668	Contra Costa	Antioch South	184	219	center of quad	E-12		Nortonville	Eocene	Solari		
3669	Contra Costa	Antioch South	184	220	center of quad	E-12	Not on map but	Nortonville	Eocene	Solari		
3670	Contra Costa	Antioch South	184	221	center of quad	E-12	strat column	Nortonville	Eocene	Solari		
3671	Contra Costa	Antioch South	184	222	center of quad	E-12	indicates localities	Nortonville	Eocene	Solari		
3672	Contra Costa	Antioch South	184	223	center of quad	E-12	in Sec 12, T1N,	Nortonville	Eocene	Solari		
3673	Contra Costa	Antioch South	184	224	center of quad	E-12	R1E. Called	Nortonville	Eocene	Solari		
3674	Contra Costa	Antioch South	184	225	center of quad	E-12	Chadbourne Road	Nortonville	Eocene	Solari		
3675	Contra Costa	Antioch South	184	226	center of quad	E-12	section on Chevro	Nortonville	Eocene	Solari		
3676	Contra Costa	Antioch South	184	227	center of quad	E-12	geologic map.	Nortonville	Eocene	Solari		
3677	Contra Costa	Antioch South	184	228	center of quad	E-12	Name now Empire	Nortonville	Eocene	Solari		
3678	Contra Costa	Antioch South	184	229	center of quad	E-12	Mine Road	Nortonville	Eocene	Solari		
3679	Contra Costa	Antioch South	184	230	center of quad	E-12		Nortonville	Eocene	Solari		
3680	Contra Costa	Antioch South	184	231	center of quad	E-12		Nortonville	Eocene	Solari		
3681	Contra Costa	Antioch South	184	232	center of quad	E-12		Nortonville	Eocene	Solari		
3682	Contra Costa	Antioch South	184	233	center of quad	E-12		Nortonville	Eocene	Solari		
3683	Contra Costa	Antioch South	184	234	center of quad	E-12		Nortonville	Eocene	Solari		
3684	Contra Costa	Antioch South	184	235	center of quad	E-12		Nortonville	Eocene	Solari		
3685	Contra Costa	Antioch South	184	236	center of quad	E-12		Nortonville	Eocene	Solari		
3686	Contra Costa	Antioch South	184	237	center of quad	E-12		Nortonville	Eocene	Solari		
3687	Contra Costa	Antioch South	184	238	center of quad	E-12		Nortonville	Eocene	Solari		
3688	Contra Costa	Antioch South	184	239	center of quad	E-12		Nortonville	Eocene	Solari		
3689	Contra Costa	Antioch South	184	240	center of quad	E-12		Nortonville	Eocene	Solari		
3690	Contra Costa	Antioch South	184	241	center of quad	E-12		Nortonville	Eocene	Solari		
3691	Contra Costa	Antioch South	184	242	center of quad	E-12		Nortonville	Eocene	Solari		
3692	Contra Costa	Antioch South	184	243	center of quad	E-12		Nortonville	Eocene	Solari		
3693	Contra Costa	Antioch South	184	244	center of quad	E-12		Nortonville	Eocene	Solari		
3694	Contra Costa	Antioch South	184	245	center of quad	E-12		Nortonville	Eocene	Solari		
3695	Contra Costa	Antioch South	184	246	center of quad	E-12		Nortonville	Eocene	Solari		
3696	Contra Costa	Antioch South	184	247	center of quad	E-12		Nortonville	Eocene	Solari		
3697	Contra Costa	Antioch South	184	248	center of quad	E-12		Nortonville	Eocene	Solari		
3698	Contra Costa	Antioch South	184	249	center of quad	E-12		Nortonville	Eocene	Solari		
3699	Contra Costa	Antioch South	184	250	center of quad	E-12		Nortonville	Eocene	Solari		
3700	Contra Costa	Antioch South	184	251	center of quad	E-12		Nortonville	Eocene	Solari		
3701	Contra Costa	Antioch South	184	252	center of quad	E-12		Nortonville	Eocene	Solari		
3702	Contra Costa	Antioch South	184	253	center of quad	E-12		Nortonville	Eocene	Solari		
3703	Contra Costa	Antioch South	184	254	center of quad	E-12		Nortonville	Eocene	Solari		
3704	Santa Barbara	Santa Ynez	184	1	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3705	Santa Barbara	Santa Ynez	184	2	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3706	Santa Barbara	Santa Ynez	184	3	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3707	Santa Barbara	Santa Ynez	184	4	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3708	Santa Barbara	Santa Ynez	184	5	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3709	Santa Barbara	Santa Ynez	184	6	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3710	Santa Barbara	Santa Ynez	184	7	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3711	Santa Barbara	Santa Ynez	184	8	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3712	Santa Barbara	Santa Ynez	184	9	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3713	Santa Barbara	Santa Ynez	184	10	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3714	Santa Barbara	Santa Ynez	184	11	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3715	Santa Barbara	Santa Ynez	184	12	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3716	Santa Barbara	Santa Ynez	184	13A	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3717	Santa Barbara	Santa Ynez	184	13B	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3718	Santa Barbara	Santa Ynez	184	13C	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3719	Santa Barbara	Santa Ynez	184	14	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3720	Santa Barbara	Santa Ynez	184	15	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3721	Santa Barbara	Santa Ynez	184	16	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3722	Santa Barbara	Santa Ynez	184	18	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3723	Santa Barbara	Santa Ynez	184	19	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3724	Santa Barbara	Santa Ynez	184	20	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3725	Santa Barbara	Santa Ynez	184	21	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3726	Santa Barbara	Santa Ynez	184	24	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3727	Santa Barbara	Santa Ynez	184	25	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3728	Santa Barbara	Santa Ynez	184	26	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3729	Santa Barbara	Santa Ynez	184	27	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3730	Santa Barbara	Santa Ynez	184	28	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3731	Santa Barbara	Santa Ynez	184	29	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3732	Santa Barbara	Santa Ynez	184	30	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3733	Santa Barbara	Santa Ynez	184	31	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3734	Santa Barbara	Santa Ynez	184	32	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3735	Santa Barbara	Santa Ynez	184	33	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
3736	Santa Barbara	Santa Ynez	185	1	Refugio Pass area	8-L	Los Olivos 15'		Eocene			
3737	Santa Barbara	Santa Ynez	185	2	Refugio Pass area	8-L	Los Olivos 15'		Eocene			
3738	Santa Barbara	Santa Ynez	185	3	Refugio Pass area	8-L	Los Olivos 15'		Eocene			
3739	Santa Barbara	Santa Ynez	185	4	Refugio Pass area	8-L	Los Olivos 15'		Eocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
3740	Santa Barbara	Santa Ynez	185	5	Refugio Pass area	8-L	Los Olivos 15'		Eocene			
3741	Santa Barbara	Santa Ynez	185	6	Refugio Pass area	8-L	Los Olivos 15'		Eocene			
3742	Contra Costa	Walnut Creek	185	629	Muir Station	E-12	Not on map but		no paleo info			
3743	Contra Costa	Walnut Creek	185	630	Muir Station	E-12	Muir Station was in		no paleo info			
3744	Contra Costa	Walnut Creek	185	631	Muir Station	E-12	NW Walnut Creek		no paleo info			
3745	Contra Costa	Walnut Creek	185	632	Muir Station	E-12	Quad		no paleo info			
3746	Contra Costa	Walnut Creek	185	633	Muir Station	E-12			no paleo info			
3747	Contra Costa	Walnut Creek	185	634	Muir Station	E-12			no paleo info			
3748	Contra Costa	Walnut Creek	185	635	Muir Station	E-12			no paleo info			
3749	Contra Costa	Walnut Creek	185	636	Muir Station	E-12			no paleo info			
3750	Fresno	Lillis Ranch	186	*6-2 etc	SE part of quad	H-10	1/18S/14E center		Paleocene	Weddle		
3751	Fresno	Lillis Ranch	186	3	SE part of quad	H-10	(on slide # 1)		Paleocene	Weddle		
3752	Fresno	Lillis Ranch	186	4	SE part of quad	H-10	Have strat column	trench dug by	Paleocene	Weddle		
3753	Fresno	Lillis Ranch	186	5	SE part of quad	H-10	Joaquin Rocks 15'	Superior Oil C	Paleocene	Weddle		
3754	Fresno	Lillis Ranch	186	6	SE part of quad	H-10	Joaquin Rocks 15'		Paleocene	Weddle		
3755	Fresno	Lillis Ranch	186	7	SE part of quad	H-11	Joaquin Rocks 15'		Paleocene	Weddle		
3756	Fresno	Lillis Ranch	186	8	SE part of quad	H-11	Joaquin Rocks 15'		Paleocene	Weddle		
3757	Fresno	Lillis Ranch	186	9	SE part of quad	H-11	Joaquin Rocks 15'		Paleocene	Weddle		
3758	Fresno	Lillis Ranch	186	10	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3759	Fresno	Lillis Ranch	186	11	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3760	Fresno	Lillis Ranch	186	12	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3761	Fresno	Lillis Ranch	186	13	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3762	Fresno	Lillis Ranch	186	14	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3763	Fresno	Lillis Ranch	186	15	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3764	Fresno	Lillis Ranch	186	16	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3765	Fresno	Lillis Ranch	186	17	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3766	Fresno	Lillis Ranch	186	18	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3767	Fresno	Lillis Ranch	186	19	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3768	Fresno	Lillis Ranch	186	20	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3769	Fresno	Lillis Ranch	186	21	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3770	Fresno	Lillis Ranch	186	22	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3771	Fresno	Lillis Ranch	186	23	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3772	Fresno	Lillis Ranch	186	24	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3773	Fresno	Lillis Ranch	186	25	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3774	Fresno	Lillis Ranch	186	26	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3775	Fresno	Lillis Ranch	186	27	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3776	Fresno	Lillis Ranch	186	28	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3777	Fresno	Lillis Ranch	186	29	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3778	Fresno	Lillis Ranch	186	30	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3779	Fresno	Lillis Ranch	186	31	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3780	Fresno	Lillis Ranch	186	32	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3781	Fresno	Lillis Ranch	186	33	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3782	Fresno	Lillis Ranch	186	34	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3783	Fresno	Lillis Ranch	186	35	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3784	Fresno	Lillis Ranch	186	36	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3785	Fresno	Lillis Ranch	186	37	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3786	Fresno	Lillis Ranch	186	38	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3787	Fresno	Lillis Ranch	186	39	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3788	Fresno	Lillis Ranch	186	40	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3789	Fresno	Lillis Ranch	186	41	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3790	Fresno	Lillis Ranch	186	42	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3791	Fresno	Lillis Ranch	186	43	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3792	Fresno	Lillis Ranch	186	44	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3793	Fresno	Lillis Ranch	186	45	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3794	Fresno	Lillis Ranch	186	46	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3795	Fresno	Lillis Ranch	186	47	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3796	Fresno	Lillis Ranch	186	48	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3797	Fresno	Lillis Ranch	186	49	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3798	Fresno	Lillis Ranch	186	50	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3799	Fresno	Lillis Ranch	186	51	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3800	Fresno	Lillis Ranch	186	52	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3801	Fresno	Lillis Ranch	186	53	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3802	Fresno	Lillis Ranch	186	54	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3803	Fresno	Lillis Ranch	186	55	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3804	Fresno	Lillis Ranch	186	56	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3805	Fresno	Lillis Ranch	186	57	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3806	Fresno	Lillis Ranch	186	58	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3807	Fresno	Lillis Ranch	186	59	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3808	Fresno	Lillis Ranch	186	60	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3809	Fresno	Lillis Ranch	186	61	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
3810	Santa Barbara	Santa Ynez	186	1	Refugio Pass area	36-G	Los Olivos 15'		possibly Eocene			
3811	Santa Barbara	Santa Ynez	186	2	Refugio Pass area	36-G	Los Olivos 15'		possibly Eocene			
3812	Santa Barbara	Santa Ynez	186	3	Refugio Pass area	36-G	Los Olivos 15'		possibly Eocene			
3813	Santa Barbara	Santa Ynez	186	4	Refugio Pass area	36-G	Los Olivos 15'		possibly Eocene			
3814	Santa Barbara	Santa Ynez	186	5	Refugio Pass area	36-G	Los Olivos 15'		possibly Eocene			
3815	Santa Barbara	Santa Ynez	186	6	Refugio Pass area	36-G	Los Olivos 15'		possibly Eocene			
3816	Santa Barbara	Santa Ynez	187	1	Refugio Pass area	39-G	Los Olivos 15'		Eocene			
3817	Santa Barbara	Santa Ynez	187	2	Refugio Pass area	39-G	Los Olivos 15'		Eocene			
3818	Santa Barbara	Santa Ynez	187	3	Refugio Pass area	39-G	Los Olivos 15'		Eocene			
3819	Santa Barbara	Santa Ynez	187	4	Refugio Pass area	39-G	Los Olivos 15'		Eocene			
3820	Santa Barbara	Santa Ynez	187	5	Refugio Pass area	39-G	Los Olivos 15'		Eocene			
3821	Santa Barbara	Santa Ynez	187	6	Refugio Pass area	39-G	Los Olivos 15'		Eocene			
3822	Santa Barbara	Santa Ynez	187	9	Refugio Pass area	39-G	Los Olivos 15'		Eocene			
3823	Santa Barbara	Santa Ynez	187	10	Refugio Pass area	39-G	Los Olivos 15'		Eocene			
3824	Santa Barbara	Santa Ynez	187	12	Refugio Pass area	39-G	Los Olivos 15'		Eocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
3825	Contra Costa	Antioch South	187	718	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene	Solari & McF		
3826	Contra Costa	Antioch South	187	719	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene	Solari & McF		
3827	Contra Costa	Antioch South	187	720	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene	Solari & McF		
3828	Contra Costa	Antioch South	187	721	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene	Solari & McF		
3829	Contra Costa	Antioch South	187	721	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene	Solari & McF		
3830	Contra Costa	Antioch South	187	722	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene	Solari & McF		
3831	Contra Costa	Antioch South	187	723	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene	Solari & McF		
3832	Contra Costa	Antioch South	187	724	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene	Solari & McF		
3833	Contra Costa	Antioch South	187	725	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene	Solari & McF		
3834	Contra Costa	Antioch South	187	726	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene	Solari & McF		
3835	Contra Costa	Antioch South	187	727	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene	Solari & McF		
3836	Contra Costa	Antioch South	187	728	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene	Solari & McF		
3837	Contra Costa	Antioch South	187	729	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene	Solari & McF		
3838	Contra Costa	Antioch South	187	730	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene	Solari & McF		
3839	Contra Costa	Antioch South	187	731	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene	Solari & McF		
3840	Contra Costa	Antioch South	187	732	Oil Canyon section	F-11	11/1N/1E	Meganos E	Eocene	Solari & McF		
3841	Contra Costa	Antioch South	189	753	EC part of quad	F-11	SW 1/4	Meganos E	Eocene	Solari & McF		
3842	Contra Costa	Antioch South	189	754	EC part of quad	F-11	16/1N/2E	Meganos E	Eocene	Solari & McF		
3843	Contra Costa	Antioch South	189	755	EC part of quad	F-11	but not on map	Meganos E	Eocene	Solari & McF		
3844	Contra Costa	Antioch South	189	756	EC part of quad	F-11		Meganos E	Eocene	Solari & McF		
3845	Contra Costa	Antioch South	189	757	EC part of quad	F-11		Meganos E	Eocene	Solari & McF		
3846	Contra Costa	Antioch South	189	758	EC part of quad	F-11		Meganos E	Eocene	Solari & McF		
3847	Contra Costa	Antioch South	189	759	EC part of quad	F-11		Meganos E	Eocene	Solari & McF		
3848	Contra Costa	Antioch South	189	760	EC part of quad	F-11		Meganos E	Eocene	Solari & McF		
3849	Contra Costa	Antioch South	189	761	EC part of quad	F-11		Meganos E	Eocene	Solari & McF		
3850	Contra Costa	Antioch South	189	762	EC part of quad	F-11		Meganos E	Eocene	Solari & McF		
3851	Contra Costa	Antioch South	189	763	EC part of quad	F-11		Meganos E	Eocene	Solari & McF		
3852	Contra Costa	Antioch South	189	764	EC part of quad	F-11		Meganos E	Eocene	Solari & McF		
3853	Contra Costa	Antioch South	190	767	EC part of quad	F-11	16/1N/2E	Meganos E	Eocene	Solari & McF		
3854	Contra Costa	Antioch South	190	768	EC part of quad	F-11	but not on map	Meganos E	Eocene	Solari & McF		
3855	Contra Costa	Antioch South	190	769	EC part of quad	F-11		Meganos E	Eocene	Solari & McF		
3856	Contra Costa	Antioch South	190	770	EC part of quad	F-11		Meganos E	Eocene	Solari & McF		
3857	Contra Costa	Antioch South	190	771	EC part of quad	F-11		Meganos E	Eocene	Solari & McF		
3858	Contra Costa	Antioch South	190	772	EC part of quad	F-11		Meganos E	Eocene	Solari & McF		
3859	Contra Costa	Antioch South	190	773	EC part of quad	F-11		Meganos E	Eocene	Solari & McF		
3860	Contra Costa	Antioch South	190	774	EC part of quad	F-11		Meganos E	Eocene	Solari & McF		
3861	San Diego	Borrego Mountain SE	191	3	Anza Park	85-K			no age provided			
3862	San Diego	Borrego Mountain SE	191	4	Anza Park	85-K			no age provided			
3863	San Diego	Borrego Mountain SE	191	5	Anza Park	85-K			no age provided			
3864	San Diego	Borrego Mountain SE	191	6	Anza Park	85-K			no age provided			
3865	San Diego	Borrego Mountain SE	191	7	Anza Park	85-K			no age provided			
3866	San Diego	Borrego Mountain SE	191	8	Anza Park	85-K			no age provided			
3867	San Diego	Borrego Mountain SE	191	9	Anza Park	85-K			no age provided			
3868	Ventura	Simi Valley East	191	I-109	center of quad	56-N	Numbers on slide	"Martinez" Fm	Paleocene			
3869	Ventura	Simi Valley East	191	I-110	center of quad	56-N	are from old	"Martinez" Fm	Paleocene			
3870	Ventura	Simi Valley East	191	I-111	center of quad	56-N	Santa Susanna	"Martinez" Fm	Paleocene			
3871	Ventura	Simi Valley East	191	I-112	center of quad	56-N	Quad.	"Martinez" Fm	Paleocene			
3872	Ventura	Simi Valley East	191	I-113	center of quad	56-N		"Martinez" Fm	Paleocene			
3873	Ventura	Simi Valley East	191	I-114	center of quad	56-N		"Martinez" Fm	Paleocene			
3874	Ventura	Simi Valley East	191	I-115	center of quad	56-N		"Martinez" Fm	Paleocene			
3875	Ventura	Simi Valley East	191	I-116	center of quad	56-N		"Martinez" Fm	Paleocene			
3876	Ventura	Simi Valley East	191	I-117	center of quad	56-N		"Martinez" Fm	Paleocene			
3877	San Diego	Borrego Mountain SE	192	13	Split Mountain	20-K			no age provided			
3878	San Diego	Borrego Mountain SE	192	17	Split Mountain	20-K			no age provided			
3879	Santa Barbara	Gaviota	193	1	Gaviota Pass	68-E	Have foram check		Refugian			
3880	Santa Barbara	Gaviota	193	2	Gaviota Pass	68-E	list		Refugian			
3881	Santa Barbara	Gaviota	193	3	Gaviota Pass	68-E			Refugian			
3882	Santa Barbara	Gaviota	193	4	Gaviota Pass	68-E			Refugian			
3883	Santa Barbara	Gaviota	193	5	Gaviota Pass	68-E			Refugian			
3884	Santa Barbara	Gaviota	193	6	Gaviota Pass	68-E			Refugian			
3885	Santa Barbara	Gaviota	193	7	Gaviota Pass	68-E			Upper Eocene			
3886	Santa Barbara	Gaviota	193	7A	Gaviota Pass	68-E			Upper Eocene			
3887	Santa Barbara	Gaviota	193	8	Gaviota Pass	68-E			Upper Eocene			
3888	Santa Barbara	Gaviota	193	9	Gaviota Pass	68-E			Upper Eocene			
3889	Santa Barbara	Gaviota	193	10	Gaviota Pass	68-E			Upper Eocene			
3890	Santa Barbara	Gaviota	193	10A	Gaviota Pass	68-E			Upper Eocene			
3891	Santa Barbara	Gaviota	193	12A	Gaviota Pass	68-E			Upper Eocene			
3892	Santa Barbara	Gaviota	193	12B	Gaviota Pass	68-E			Upper Eocene			
3893	Santa Barbara	Gaviota	193	13	Gaviota Pass	68-E			Upper Eocene			
3894	Santa Barbara	Gaviota	193	14	Gaviota Pass	68-E			Upper Eocene			
3895	Santa Barbara	Gaviota	193	15	Gaviota Pass	68-E			Upper Eocene			
3896	Santa Barbara	Gaviota	193	16	Gaviota Pass	68-E			Upper Eocene			
3897	Santa Barbara	Gaviota	193	17	Gaviota Pass	68-E			Upper Eocene			
3898	Santa Barbara	Gaviota	193	18	Gaviota Pass	68-E			Upper Eocene			
3899	Santa Barbara	Gaviota	193	19	Gaviota Pass	68-E			Upper Eocene			
3900	Santa Barbara	Gaviota	193	20	Gaviota Pass	68-E			Upper Eocene			
3901	Santa Barbara	Gaviota	193	21	Gaviota Pass	68-E			Upper Eocene			
3902	Santa Barbara	Gaviota	193	21A	Gaviota Pass	68-E			Upper Eocene			
3903	Santa Barbara	Gaviota	193	22	Gaviota Pass	68-E			Upper Eocene			
3904	Santa Barbara	Gaviota	193	23	Gaviota Pass	68-E			Upper Eocene			
3905	Santa Barbara	Gaviota	193	24	Gaviota Pass	68-E			Upper Eocene			
3906	Santa Barbara	Gaviota	193	25	Gaviota Pass	68-E			Upper Eocene			
3907	Santa Barbara	Gaviota	193	26	Gaviota Pass	68-E			Upper Eocene			
3908	Santa Barbara	Gaviota	193	27	Gaviota Pass	68-E			Upper Eocene			
3909	Santa Barbara	Gaviota	193	28	Gaviota Pass	68-E			Upper Eocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
3910	Santa Barbara	Gaviota	193	29	Gaviota Pass	68-E			Upper Eocene			
3911	Santa Barbara	Gaviota	193	30	Gaviota Pass	68-E			Upper Eocene			
3912	Santa Barbara	Gaviota	193	31	Gaviota Pass	68-E			Upper Eocene			
3913	Santa Barbara	Gaviota	193	32	Gaviota Pass	68-E			Upper Eocene			
3914	Santa Barbara	Gaviota	193	33	Gaviota Pass	68-E			Upper Eocene			
3915	Santa Barbara	Gaviota	193	34	Gaviota Pass	68-F			Upper Eocene			
3916	Santa Barbara	Gaviota	193	35	Gaviota Pass	68-F			Upper Eocene			
3917	Santa Barbara	Gaviota	193	36	Gaviota Pass	68-F			Upper Eocene			
3918	Santa Barbara	Gaviota	193	slide 1	Gaviota/Sacate	74-B			no paleo info			
3919	Santa Barbara	Gaviota	193	slide 2	Gaviota/Sacate	74-B			no paleo info			
3920	Los Angeles	Canoga Park	193	I-1	SW corner of quad	56-N		age on slide	Mohnian			
3921	Los Angeles	Canoga Park	193	I-2	SW corner of quad	56-N		age on slide	Mohnian			
3922	Los Angeles	Canoga Park	193	I-3	SW corner of quad	56-N		age on slide	Mohnian			
3923	Los Angeles	Canoga Park	193	I-4	SW corner of quad	56-N		age on slide	Mohnian			
3924	Santa Barbara	Sacate	194	1	Santa Anita Cyn	68-D	Have form and		U Eoc A-1 zone			
3925	Santa Barbara	Sacate	194	2	Santa Anita Cyn	68-D	nannoplankton		U Eoc A-1 zone			
3926	Santa Barbara	Sacate	194	3	Santa Anita Cyn	68-D	strat column and		U Eoc A-1 zone			
3927	Santa Barbara	Sacate	194	4	Santa Anita Cyn	68-D	check list which		U Eoc A-1 zone			
3928	Santa Barbara	Sacate	194	5	Santa Anita Cyn	68-D	provide ages		U Eoc A-1 zone			
3929	Santa Barbara	Sacate	194	6	Santa Anita Cyn	68-D			U Eoc A-1 zone			
3930	Santa Barbara	Sacate	194	7	Santa Anita Cyn	68-D			U Eoc A-1 zone			
3931	Santa Barbara	Sacate	194	8	Santa Anita Cyn	68-D			U Eoc A-1 zone			
3932	Santa Barbara	Sacate	194	9	Santa Anita Cyn	68-D			type Refugian			
3933	Santa Barbara	Sacate	194	10	Santa Anita Cyn	68-D			type Refugian			
3934	Santa Barbara	Sacate	194	11	Santa Anita Cyn	68-D			type Refugian			
3935	Santa Barbara	Sacate	194	12	Santa Anita Cyn	68-D			type Refugian			
3936	Santa Barbara	Sacate	194	13	Santa Anita Cyn	68-D			type Refugian			
3937	Santa Barbara	Sacate	194	14	Santa Anita Cyn	68-D			type Refugian			
3938	Santa Barbara	Sacate	194	15	Santa Anita Cyn	68-D			type Refugian			
3939	Santa Barbara	Sacate	194	17	Santa Anita Cyn	68-D			type Refugian			
3940	Santa Barbara	Sacate	194	19	Santa Anita Cyn	68-D			type Refugian			
3941	Santa Barbara	Sacate	194	20	Santa Anita Cyn	68-D			type Refugian			
3942	Santa Barbara	Sacate	194	21	Santa Anita Cyn	68-D			type Refugian			
3943	Santa Barbara	Sacate	194	22	Santa Anita Cyn	68-D			type Refugian			
3944	Santa Barbara	Sacate	194	23	Santa Anita Cyn	68-D			type Refugian			
3945	Santa Barbara	Sacate	194	24	Santa Anita Cyn	68-D			type Refugian			
3946	Santa Barbara	Sacate	194	25	Santa Anita Cyn	68-D			type Refugian			
3947	Santa Barbara	Sacate	194	26	Santa Anita Cyn	68-D			type Refugian			
3948	Santa Barbara	Sacate	194	27	Santa Anita Cyn	68-D			type Refugian			
3949	Santa Barbara	Sacate	194	28	Santa Anita Cyn	68-D			type Refugian			
3950	Santa Barbara	Sacate	194	29	Santa Anita Cyn	68-D			type Refugian			
3951	Santa Barbara	Sacate	194	30	Santa Anita Cyn	68-D			type Refugian			
3952	Santa Barbara	Sacate	194	31	Santa Anita Cyn	68-D			M Eoc A-2 zone			
3953	Santa Barbara	Sacate	194	32	Santa Anita Cyn	68-D			M Eoc A-2 zone			
3954	Santa Barbara	Sacate	194	33	Santa Anita Cyn	68-D			M Eoc A-2 zone			
3955	Santa Barbara	Sacate	194	34	Santa Anita Cyn	68-D			M Eoc A-2 zone			
3956	Santa Barbara	Sacate	194	35	Santa Anita Cyn	68-D			M Eoc A-2 zone			
3957	Santa Barbara	Sacate	194	36	Santa Anita Cyn	68-D			M Eoc A-2 zone			
3958	Santa Barbara	Sacate	194	37	Santa Anita Cyn	68-D			M Eoc A-2 zone			
3959	Santa Barbara	Sacate	194	38	Santa Anita Cyn	68-D			M Eoc A-2 zone			
3960	Santa Barbara	Sacate	194	39	Santa Anita Cyn	68-D			M Eoc A-2 zone			
3961	Santa Barbara	Sacate	194	40	Santa Anita Cyn	68-D			M Eoc A-2 zone			
3962	Santa Barbara	Sacate	194	41	Santa Anita Cyn	68-D			M Eoc A-2 zone			
3963	Santa Barbara	Sacate	194	42	Santa Anita Cyn	68-D			M Eoc A-2 zone			
3964	Santa Barbara	Sacate	194	43	Santa Anita Cyn	68-D			M Eoc A-2 zone			
3965	Santa Barbara	Sacate	194	44	Santa Anita Cyn	68-D			M Eoc A-2 zone			
3966	Santa Barbara	Sacate	194	45	Santa Anita Cyn	68-E			M Eoc A-2 zone			
3967	Santa Barbara	Sacate	194	46	Santa Anita Cyn	68-E			M Eoc A-2 zone			
3968	Santa Barbara	Sacate	194	47	Santa Anita Cyn	68-E			M Eoc A-2 zone			
3969	Santa Barbara	Sacate	194	48	Santa Anita Cyn	68-E			M Eoc A-2 zone			
3970	Santa Barbara	Sacate	194	49	Santa Anita Cyn	68-E			M Eoc A-2 zone			
3971	Santa Barbara	Sacate	194	50	Santa Anita Cyn	68-E			M Eoc A-2 zone			
3972	Santa Barbara	Sacate	194	51	Santa Anita Cyn	68-E			M Eoc A-2 zone			
3973	Santa Barbara	Sacate	194	52	Santa Anita Cyn	68-E			M Eoc A-2 zone			
3974	Santa Barbara	Sacate	194	53	Santa Anita Cyn	68-E			M Eoc A-2 zone			
3975	Santa Barbara	Sacate	194	54	Santa Anita Cyn	68-E			M Eoc A-2 zone			
3976	Santa Barbara	Sacate	194	55	Santa Anita Cyn	68-E			M Eoc A-2 zone			
3977	Santa Barbara	Sacate	194	56	Santa Anita Cyn	68-E			M Eoc A-2 zone			
3978	Santa Barbara	Sacate	194	57	Santa Anita Cyn	68-E			M Eoc A-2 zone			
3979	Santa Barbara	Sacate	194	58	Santa Anita Cyn	68-E			M Eoc A-2 zone			
3980	Santa Barbara	Sacate	194	59	Santa Anita Cyn	68-E			M Eoc A-2 zone			
3981	Santa Barbara	Sacate	194	60	Santa Anita Cyn	68-E			M Eoc A-2 zone			
3982	Santa Barbara	Sacate	194	1	Santa Anita Cyn	12-J		duplicates	U Eoc A-1 zone			
3983	Santa Barbara	Sacate	194	1+20	Santa Anita Cyn	12-J		duplicates	U Eoc A-1 zone			
3984	Santa Barbara	Sacate	194	2	Santa Anita Cyn	12-J		duplicates	U Eoc A-1 zone			
3985	Santa Barbara	Sacate	194	3	Santa Anita Cyn	12-J		duplicates	U Eoc A-1 zone			
3986	Santa Barbara	Sacate	194	4	Santa Anita Cyn	12-J		duplicates	U Eoc A-1 zone			
3987	Santa Barbara	Sacate	194	5	Santa Anita Cyn	12-J		duplicates	U Eoc A-1 zone			
3988	Santa Barbara	Sacate	194	6	Santa Anita Cyn	12-J		duplicates	U Eoc A-1 zone			
3989	Santa Barbara	Sacate	194	7	Santa Anita Cyn	12-J		duplicates	U Eoc A-1 zone			
3990	Santa Barbara	Sacate	194	8	Santa Anita Cyn	12-J		duplicates	U Eoc A-1 zone			
3991	Santa Barbara	Sacate	194	9	Santa Anita Cyn	12-J		duplicates	U Eoc A-1 zone			
3992	Santa Barbara	Sacate	194	10	Santa Anita Cyn	12-J		duplicates	U Eoc A-1 zone			
3993	Santa Barbara	Sacate	194	11	Santa Anita Cyn	12-J		duplicates	type Refugian			
3994	Santa Barbara	Sacate	194	12	Santa Anita Cyn	12-J		duplicates	type Refugian			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
4080	Santa Barbara	Sacate	194	55	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
4081	Santa Barbara	Sacate	194	slide 1	assemblage slide	74-B			no age provided			
4082	Santa Barbara	Sacate	194	slide 2	assemblage slide	74-B			no age provided			
4083	Santa Barbara	Sacate	194	slide 3	assemblage slide	74-B			no age provided			
4084	Fresno?	Alcalde Hills?	195	1	Los Gatos Ck	E-14	Spirogylyphus reef	Domengine	Eocene			
4085	Fresno?	Alcalde Hills?	195	2	Los Gatos Ck	E-14	age on slide	Canoas?	Eocene			
4086	Fresno?	Alcalde Hills?	195	3	Los Gatos Ck	E-14		Canoas?	Eocene			
4087	Fresno?	Alcalde Hills?	195	4	Los Gatos Ck	E-14		white sand	Eocene			
4088	Fresno?	Alcalde Hills?	195	5	Los Gatos Ck	E-14		Cret?	Cretaceous?			
4089	Kern	Pastoria Creek	195	1	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
4090	Kern	Pastoria Creek	195	2	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
4091	Kern	Pastoria Creek	195	2	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
4092	Kern	Pastoria Creek	195	4	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
4093	Kern	Pastoria Creek	195	5	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
4094	Kern	Pastoria Creek	195	7	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
4095	Kern	Pastoria Creek	195	8	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
4096	Kern	Pastoria Creek	195	9	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
4097	Kern	Pastoria Creek	195	10	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
4098	Kern	Pastoria Creek	195	12	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
4099	Kern	Pastoria Creek	195		assemblage slide	74-B	type Liveoak mbr	Tejon	Eocene			
4100	Ventura	Val Verde	196	1	Tapo Canyon area	35-N			no age provided			
4101	Ventura	Val Verde	196	2	Tapo Canyon area	35-N			no age provided			
4102	Ventura	Val Verde	196	3	Tapo Canyon area	35-N			no age provided			
4103	Ventura	Val Verde	196	4	Tapo Canyon area	35-N			no age provided			
4104	Ventura	Val Verde	196	5	Tapo Canyon area	35-N			no age provided			
4105	Ventura	Val Verde	196	6	Tapo Canyon area	35-N			no age provided			
4106	Ventura	Val Verde	196	7	Tapo Canyon area	35-N			no age provided			
4107	Ventura	Val Verde	196	8	Tapo Canyon area	35-N			no age provided			
4108	Ventura	Val Verde	196	9	Tapo Canyon area	35-N			no age provided			
4109	Ventura	Val Verde	196	10	Tapo Canyon area	35-N			no age provided			
4110	Solano	Mount Vaca	196	449	Vaca Valley	H-1	Putnam Peak area		Eocene			
4111	Solano	Mount Vaca	196	450	Vaca Valley	H-1	Putnam Peak area		Eocene			
4112	Solano	Mount Vaca	196	451	Vaca Valley	H-1	Putnam Peak area		Eocene			
4113	Solano	Mount Vaca	196	452	Vaca Valley	H-1	Putnam Peak area		Eocene			
4114	Solano	Mount Vaca	196	453	Vaca Valley	H-1	Putnam Peak area		Eocene			
4115	Solano	Mount Vaca	196	454	Vaca Valley	H-1	Putnam Peak area		Eocene			
4116	Solano	Mount Vaca	196	455	Vaca Valley	H-1	Putnam Peak area		Eocene B-4 zone			
4117	Solano	Mount Vaca	196	456	Vaca Valley	H-1	Putnam Peak area		Eocene			
4118	Solano	Mount Vaca	196	457	Vaca Valley	H-1	Putnam Peak area		Eocene			
4119	Solano	Mount Vaca	196	458	Vaca Valley	H-1	Putnam Peak area		Eocene			
4120	Solano	Mount Vaca	196	459	Vaca Valley	H-1	Putnam Peak area		Eocene			
4121	Solano	Mount Vaca	196	460	Vaca Valley	H-1	Putnam Peak area		Eocene			
4122	Solano	Mount Vaca	196	461	Vaca Valley	H-1	Putnam Peak area		Eocene			
4123	Solano	Mount Vaca	196	462	Vaca Valley	H-1	Putnam Peak area		Eocene			
4124	Solano	Mount Vaca	196	463	Vaca Valley	H-1	Putnam Peak area		Eocene			
4125	Solano	Mount Vaca	196	464	Vaca Valley	H-1	Putnam Peak area		Eocene			
4126	Solano	Mount Vaca	196	465	Vaca Valley	H-1	Putnam Peak area		Eocene			
4127	Solano	Mount Vaca	196	466	Vaca Valley	H-1	Putnam Peak area		Eocene			
4128	Solano	Mount Vaca	196	467	Vaca Valley	H-1	Putnam Peak area		Eocene			
4129	Solano	Mount Vaca	196	468	Vaca Valley	H-1	Putnam Peak area		Eocene			
4130	Solano	Mount Vaca	196	469	Vaca Valley	H-1	Putnam Peak area		Eocene			
4131	Solano	Mount Vaca	196	470	Vaca Valley	H-1	Putnam Peak area		Eocene			
4132	Solano	Mount Vaca	196	471	Vaca Valley	H-1	Putnam Peak area		Eocene			
4133	Solano	Mount Vaca	196	472	Vaca Valley	H-1	Putnam Peak area		Eocene			
4134	Solano	Mount Vaca	196	472	Vaca Valley	H-1	Putnam Peak area		Eocene			
4135	Solano	Mount Vaca	196	473	Vaca Valley	H-1	Putnam Peak area		Eocene			
4136	Solano	Mount Vaca	196	474	Vaca Valley	H-1	Putnam Peak area		Eocene			
4137	Solano	Mount Vaca	196	475	Vaca Valley	H-1	Putnam Peak area		Eocene			
4138	Solano	Mount Vaca	196	476	Vaca Valley	H-1	Putnam Peak area		Eocene			
4139	Solano	Mount Vaca	196	477	Vaca Valley	H-1	Putnam Peak area		Eocene			
4140	Solano	Mount Vaca	196	478	Vaca Valley	H-1	Putnam Peak area		Eocene			
4141	Solano	Mount Vaca	196	479	Vaca Valley	H-1	Putnam Peak area		Eocene			
4142	Solano	Mount Vaca	196	480	Vaca Valley	H-1	Putnam Peak area		Eocene			
4143	Solano	Mount Vaca	196	481	Vaca Valley	H-1	Putnam Peak area		Eocene			
4144	Solano	Mount Vaca	196	482	Vaca Valley	H-1	Putnam Peak area		Eocene			
4145	Solano	Mount Vaca	196	483	Vaca Valley	H-1	Putnam Peak area		Eocene			
4146	Solano	Mount Vaca	196	484	Vaca Valley	H-1	Putnam Peak area		Eocene			
4147	Solano	Mount Vaca	196	485	Vaca Valley	H-1	Putnam Peak area		Eocene			
4148	Solano	Mount Vaca	196	486	Vaca Valley	H-1	Putnam Peak area		Eocene			
4149	Solano	Mount Vaca	196	487	Vaca Valley	H-1	Putnam Peak area		Eocene			
4150	Solano	Mount Vaca	196	489	Vaca Valley	H-1	Putnam Peak area		Eocene			
4151	Solano	Mount Vaca	196	490	Vaca Valley	H-1	Putnam Peak area		Eocene			
4152	Solano	Mount Vaca	196	491	Vaca Valley	H-1	Putnam Peak area		Eocene			
4153	Solano	Mount Vaca	196	492	Vaca Valley	H-1	Putnam Peak area		Eocene			
4154	Solano	Mount Vaca	196	493	Vaca Valley	H-1	Putnam Peak area		Eocene			
4155	Solano	Mount Vaca	196	494	Vaca Valley	H-1	Putnam Peak area		Eocene			
4156	Solano	Mount Vaca	196	495	Vaca Valley	H-1	Putnam Peak area		Eocene			
4157	Solano	Mount Vaca	196	496	Vaca Valley	H-1	Putnam Peak area		Eocene			
4158	Solano	Mount Vaca	196	497	Vaca Valley	H-1	Putnam Peak area		Eocene			
4159	Solano	Mount Vaca	196	498	Vaca Valley	H-1	Putnam Peak area		Eocene			
4160	Solano	Mount Vaca	196	499	Vaca Valley	H-1	Putnam Peak area		Eocene			
4161	Solano	Mount Vaca	196	499	Vaca Valley	H-1	Putnam Peak area		Eocene			
4162	Solano	Mount Vaca	196	500	Vaca Valley	H-1	Putnam Peak area		Eocene			
4163	Solano	Mount Vaca	196	561	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4164	Solano	Mount Vaca	196	562	Vaca Valley	H-3	Putnam Peak area		Eocene?			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
4165	Solano	Mount Vaca	196	563	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4166	Solano	Mount Vaca	196	564	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4167	Solano	Mount Vaca	196	565	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4168	Solano	Mount Vaca	196	566	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4169	Solano	Mount Vaca	196	567	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4170	Solano	Mount Vaca	196	568	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4171	Solano	Mount Vaca	196	569	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4172	Solano	Mount Vaca	196	570	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4173	Solano	Mount Vaca	196	571	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4174	Solano	Mount Vaca	196	572	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4175	Solano	Mount Vaca	196	573	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4176	Solano	Mount Vaca	196	574	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4177	Solano	Mount Vaca	196	575	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4178	Solano	Mount Vaca	196	576	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4179	Solano	Mount Vaca	196	577	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4180	Solano	Mount Vaca	196	578	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4181	Solano	Mount Vaca	196	579	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4182	Solano	Mount Vaca	196	580	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4183	Solano	Mount Vaca	196	581	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4184	Solano	Mount Vaca	196	582	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4185	Solano	Mount Vaca	196	583	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4186	Solano	Mount Vaca	196	584	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4187	Solano	Mount Vaca	196	585	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4188	Solano	Mount Vaca	196	586	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4189	Solano	Mount Vaca	196	587	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4190	Solano	Mount Vaca	196	588	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4191	Solano	Mount Vaca	196	589	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4192	Solano	Mount Vaca	196	590	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4193	Solano	Mount Vaca	196	591	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4194	Solano	Mount Vaca	196	592	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4195	Solano	Mount Vaca	196	593	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4196	Solano	Mount Vaca	196	594	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4197	Solano	Mount Vaca	196	595	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4198	Solano	Mount Vaca	196	596	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4199	Solano	Mount Vaca	196	597	Vaca Valley	H-3	Putnam Peak area		Eocene?			
4200	Santa Barbara	Solvang	197	B2719	base of section	12-K	Molander Thesis	no ages given	see thesis			
4201	Santa Barbara	Solvang	197	2720	WC part of quad	12-K	Molander Thesis		see thesis			
4202	Santa Barbara	Solvang	197	2721		12-K	Molander Thesis		see thesis			
4203	Santa Barbara	Solvang	197	2722		12-K	Molander Thesis		see thesis			
4204	Santa Barbara	Solvang	197	2723		12-K	Molander Thesis		see thesis			
4205	Santa Barbara	Solvang	197	2724		12-K	Molander Thesis		see thesis			
4206	Santa Barbara	Solvang	197	2725		12-K	Molander Thesis		see thesis			
4207	Santa Barbara	Solvang	197	2726		12-K	Molander Thesis		see thesis			
4208	Santa Barbara	Solvang	197	2727		12-K	Molander Thesis		see thesis			
4209	Santa Barbara	Solvang	197	2728		12-K	Molander Thesis		see thesis			
4210	Santa Barbara	Solvang	197	2729		12-K	Molander Thesis		see thesis			
4211	Santa Barbara	Solvang	197	2730		12-K	Molander Thesis		see thesis			
4212	Santa Barbara	Solvang	197	2731		12-K	Molander Thesis		see thesis			
4213	Santa Barbara	Solvang	197	2732		12-K	Molander Thesis		see thesis			
4214	Santa Barbara	Solvang	197	2733		12-K	Molander Thesis		see thesis			
4215	Santa Barbara	Solvang	197	2734		12-K	Molander Thesis		see thesis			
4216	Santa Barbara	Solvang	197	2735		12-K	Molander Thesis		see thesis			
4217	Santa Barbara	Solvang	197	2736		12-K	Molander Thesis		see thesis			
4218	Santa Barbara	Solvang	197	2737		12-K	Molander Thesis		see thesis			
4219	Santa Barbara	Solvang	197	2738		12-K	Molander Thesis		see thesis			
4220	Santa Barbara	Solvang	197	2739		12-K	Molander Thesis		see thesis			
4221	Santa Barbara	Solvang	197	2740		12-K	Molander Thesis		see thesis			
4222	Santa Barbara	Solvang	197	2741		12-K	Molander Thesis		see thesis			
4223	Santa Barbara	Solvang	197	2742		12-K	Molander Thesis		see thesis			
4224	Santa Barbara	Solvang	197	2743		12-K	Molander Thesis		see thesis			
4225	Santa Barbara	Solvang	197	2744		12-K	Molander Thesis		see thesis			
4226	Santa Barbara	Solvang	197	2745		12-K	Molander Thesis		see thesis			
4227	Santa Barbara	Solvang	197	2746		12-K	Molander Thesis		see thesis			
4228	Santa Barbara	Solvang	197	2747		12-K	Molander Thesis		see thesis			
4229	Santa Barbara	Solvang	197	2748		12-K	Molander Thesis		see thesis			
4230	Santa Barbara	Solvang	197	2749		12-K	Molander Thesis		see thesis			
4231	Santa Barbara	Solvang	197	2750		12-K	Molander Thesis		see thesis			
4232	Santa Barbara	Solvang	197	2751		12-K	Molander Thesis		see thesis			
4233	Santa Barbara	Solvang	197	2752		12-K	Molander Thesis		see thesis			
4234	Santa Barbara	Solvang	197	2753		12-K	Molander Thesis		see thesis			
4235	Santa Barbara	Solvang	197	2754		12-K	Molander Thesis		see thesis			
4236	Santa Barbara	Solvang	197	2755		12-K	Molander Thesis		see thesis			
4237	Santa Barbara	Solvang	197	2756	top of section	12-K	Molander Thesis		see thesis			
4238	Colusa	Sites	198	1	not on map	G-4	Lodoga 15'	sites section	U Cret F-2 zone	Kirby		
4239	Colusa	Sites	198	2	not on map	G-4	Lodoga 15'	strat column	U Cret G-1 zone	Kirby		
4240	Colusa	Sites	198	3	not on map	G-4	Lodoga 15'	foram list	U Cret G-1 zone	Kirby		
4241	Colusa	Sites	198	4	not on map	G-4	Lodoga 15'		U Cret G-1 zone	Kirby		
4242	Colusa	Sites	198	5	not on map	G-4	Lodoga 15'		U Cret G-1 zone	Kirby		
4243	Colusa	Sites	198	6	not on map	G-4	Lodoga 15'		U Cret G-1 zone	Kirby		
4244	Colusa	Sites	198	7	not on map	G-4	Lodoga 15'		U Cret G-1 zone	Kirby		
4245	Colusa	Sites	198	8	not on map	G-4	Lodoga 15'		U Cret G-2 zone	Kirby		
4246	Colusa	Sites	198	9	not on map	G-4	Lodoga 15'		U Cret G-2 zone	Kirby		
4247	Colusa	Sites	198	10	not on map	G-4	Lodoga 15'		U Cret G-2 zone	Kirby		
4248	Colusa	Sites	198	11	not on map	G-4	Lodoga 15'		U Cret H zone	Kirby		
4249	Colusa	Rumsey	199	1	Salt Ck section	G-4	Guinda 15'	strat column	Upper Cretaceous	Berry		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
4250	Colusa	Rumsey	199	2	Salt Ck section	G-4	Guinda 15'	not on map	Upper Cretaceous	Berry		
4251	Colusa	Rumsey	199	3	Salt Ck section	G-4	Guinda 15'	not on map	Upper Cretaceous	Berry		
4252	Colusa	Rumsey	199	4	Salt Ck section	G-4	Guinda 15'	not on map	Upper Cretaceous	Berry		
4253	Colusa	Rumsey	199	5	Salt Ck section	G-4	Guinda 15'	not on map	Upper Cretaceous	Berry		
4254	Colusa	Rumsey	199	6	Salt Ck section	G-4	Guinda 15'	not on map	Upper Cretaceous	Berry		
4255	Colusa	Rumsey	199	7	Salt Ck section	G-4	Guinda 15'	not on map	Upper Cretaceous	Berry		
4256	Colusa	Rumsey	199	8	Salt Ck section	G-4	Guinda 15'	not on map	Upper Cretaceous	Berry		
4257	Colusa	Rumsey	199	9	Salt Ck section	G-4	Guinda 15'	not on map	Upper Cretaceous	Berry		
4258	Colusa	Rumsey	199	10	Salt Ck section	G-4	Guinda 15'	not on map	Upper Cretaceous	Berry		
4259	Colusa	Rumsey	199	11	Salt Ck section	G-4	Guinda 15'	not on map	Upper Cretaceous	Berry		
4260	Santa Barbara	Lompoc Hills	199	slide	Anita sh	79-M	along Hwy 1		no ages given			
4261	Santa Barbara	Lompoc Hills	199	slice	Anita sh	79-M	along Hwy 1		no ages given			
4262	Santa Barbara	Lompoc Hills	199	2 (5)	Anita sh	26-K	along Hwy 1	planktics abund	no ages given			
4263	Colusa	Rail Canyon	200	A1	Logan Ck	G-4	Lodoga 15'	not on map	Upper Cretaceous			
4264	Colusa	Rail Canyon	200	B2	Logan Ck	G-4	Lodoga 15'	not on map	Upper Cretaceous			
4265	Colusa	Rail Canyon	200	C3	Logan Ck	G-4	Lodoga 15'	not on map	Upper Cretaceous			
4266	Colusa	Rail Canyon	200	D4	Logan Ck	G-4	Lodoga 15'	not on map	Upper Cretaceous			
4267	Colusa	Rail Canyon	200	E5	Logan Ck	G-4	Lodoga 15'	not on map	Upper Cretaceous			
4268	Colusa	Rumsey	201	1	Putah Ck	G-4	Guinda 15'	Have check list	Upper Cretaceous	Kirby		
4269	Colusa	Rumsey	201	2	Putah Ck	G-4	Guinda 15'	for samples	Upper Cretaceous	Kirby		
4270	Colusa	Rumsey	201	3	Putah Ck	G-4	Guinda 15'	#1 to 5	Upper Cretaceous	Kirby		
4271	Colusa	Rumsey	201	4	Putah Ck	G-4	Guinda 15'		Upper Cretaceous	Kirby		
4272	Colusa	Rumsey	201	5	Putah Ck	G-4	Guinda 15'		Upper Cretaceous	Kirby		
4273	Colusa	Rumsey	201	6	Putah Ck	G-4	Guinda 15'		Upper Cretaceous	Kirby		
4274	Colusa	Rumsey	201	7	Putah Ck	G-4	Guinda 15'		Upper Cretaceous	Kirby		
4275	Colusa	Rumsey	201	8	Putah Ck	G-4	Guinda 15'		Upper Cretaceous	Kirby		
4276	Colusa	Rumsey	201	10	Putah Ck	G-4	Guinda 15'		Upper Cretaceous	Kirby		
4277	Colusa	Rumsey	201	12	Putah Ck	G-4	Guinda 15'		Upper Cretaceous	Kirby		
4278	Colusa	Rumsey	201	13	Putah Ck	G-4	Guinda 15'		Upper Cretaceous	Kirby		
4279	Colusa	Rumsey	201	15	Putah Ck	G-4	Guinda 15'		Upper Cretaceous	Kirby		
4280	Colusa	Rumsey	201	16	Putah Ck	G-4	Guinda 15'		Upper Cretaceous	Kirby		
4281	Colusa	Rumsey	201	17	Putah Ck	G-4	Guinda 15'		Upper Cretaceous	Kirby		
4282	Colusa	Rumsey	201	18	Putah Ck	G-4	Guinda 15'		Upper Cretaceous	Kirby		
4283	Colusa	Rumsey	201	19	Putah Ck	G-4	Guinda 15'		Upper Cretaceous	Kirby		
4284	Colusa	Rumsey	201	20	Putah Ck	G-4	Guinda 15'		Upper Cretaceous	Kirby		
4285	Colusa	Rumsey	201	21	Putah Ck	G-4	Guinda 15'		Upper Cretaceous	Kirby		
4286	Solano?	Cordelia?	206	176	Suisun Bay	F-13	not on map	Nortonville sh	Eocene	Ruth		
4287	Solano?	Cordelia?	206	177	Suisun Bay	F-13	not on map	from 5 areas	Eocene	Ruth		
4288	Solano?	Cordelia?	206	179	Suisun Bay	F-13	not on map	northern Suisun	Eocene	Ruth		
4289	Solano?	Cordelia?	206	181	Suisun Bay	F-13	not on map	Bay but hard	Eocene	Ruth		
4290	Solano?	Cordelia?	206	182	Suisun Bay	F-13	not on map	to determine	Eocene	Ruth		
4291	Solano?	Cordelia?	206	183	Suisun Bay	F-13	not on map	where these	Eocene	Ruth		
4292	Solano?	Cordelia?	206	186	Suisun Bay	F-13	not on map	are exactly	Eocene	Ruth		
4293	Solano?	Cordelia?	206	187	Suisun Bay	F-13	not on map	from	Eocene	Ruth		
4294	Solano?	Cordelia?	206	189	Suisun Bay	F-13	not on map		Eocene	Ruth		
4295	Solano?	Cordelia?	206	191	Suisun Bay	F-13	not on map		Eocene	Ruth		
4296	Solano?	Cordelia?	206	193	Suisun Bay	F-13	not on map		Eocene	Ruth		
4297	Solano?	Cordelia?	206	195	Suisun Bay	F-13	not on map		Eocene	Ruth		
4298	Solano?	Cordelia?	206	196	Suisun Bay	F-13	not on map		Eocene	Ruth		
4299	Solano?	Cordelia?	206	198	Suisun Bay	F-13	not on map		Eocene	Ruth		
4300	Solano?	Cordelia?	206	199	Suisun Bay	F-13	not on map		Eocene	Ruth		
4301	Solano?	Cordelia?	206	400	Suisun Bay	F-13	not on map		Eocene	Ruth		
4302	Solano?	Cordelia?	206	404	Suisun Bay	F-13	not on map		Eocene	Ruth		
4303	Solano?	Cordelia?	206	405	Suisun Bay	F-13	not on map		Eocene	Ruth		
4304	Solano?	Cordelia?	206	406	Suisun Bay	F-13	not on map		Eocene	Ruth		
4305	Solano?	Cordelia?	206	407	Suisun Bay	F-13	not on map		Eocene	Ruth		
4306	Solano?	Cordelia?	206	408	Suisun Bay	F-13	not on map		Eocene	Ruth		
4307	Solano?	Cordelia?	206	414	Suisun Bay	F-13	not on map		Eocene	Ruth		
4308	Solano?	Cordelia?	206	415	Suisun Bay	F-13	not on map		Eocene	Ruth		
4309	Solano?	Cordelia?	206	417	Suisun Bay	F-13	not on map		Eocene	Ruth		
4310	Solano?	Cordelia?	206	418	Suisun Bay	F-13	not on map		Eocene	Ruth		
4311	Solano?	Cordelia?	206	419	Suisun Bay	F-13	not on map		Eocene	Ruth		
4312	Solano?	Cordelia?	206	421	Suisun Bay	F-13	not on map		Eocene	Ruth		
4313	Solano?	Cordelia?	206	425	Suisun Bay	F-13	not on map		Eocene	Ruth		
4314	Solano?	Cordelia?	206	426	Suisun Bay	F-13	not on map		Eocene	Ruth		
4315	Solano?	Cordelia?	206	427	Suisun Bay	F-13	not on map		Eocene	Ruth		
4316	Solano?	Cordelia?	206	428	Suisun Bay	F-13	not on map		Eocene	Ruth		
4317	Solano?	Cordelia?	206	429	Suisun Bay	F-13	not on map		Eocene	Ruth		
4318	Solano?	Cordelia?	206	431	Suisun Bay	F-13	not on map		Eocene	Ruth		
4319	Solano?	Cordelia?	206	432	Suisun Bay	F-13	not on map		Eocene	Ruth		
4320	Solano?	Cordelia?	206	433	Suisun Bay	F-13	not on map		Eocene	Ruth		
4321	Solano?	Cordelia?	206	436	Suisun Bay	F-13	not on map		Eocene	Ruth		
4322	Solano?	Cordelia?	206	437	Suisun Bay	F-13	not on map		Eocene	Ruth		
4323	Solano?	Cordelia?	206	438	Suisun Bay	F-13	not on map		Eocene	Ruth		
4324	Solano?	Cordelia?	206	439	Suisun Bay	F-13	not on map		Eocene	Ruth		
4325	Solano?	Cordelia?	206	440	Suisun Bay	F-13	not on map		Eocene	Ruth		
4326	Solano?	Cordelia?	206	441	Suisun Bay	F-13	not on map		Eocene	Ruth		
4327	Solano?	Cordelia?	206	442	Suisun Bay	F-13	not on map		Eocene	Ruth		
4328	Solano?	Cordelia?	206	446	Suisun Bay	F-13	not on map		Eocene	Ruth		
4329	Solano?	Cordelia?	206	447	Suisun Bay	F-13	not on map		Eocene	Ruth		
4330	Solano?	Cordelia?	206	448	Suisun Bay	F-13	not on map		Eocene	Ruth		
4331	Solano?	Cordelia?	206	slide RW	Suisun Bay	120-B	not on map		Eocene	Ruth		
4332	Solano?	Cordelia?	206	slide RW	Suisun Bay	120-B	not on map		Eocene	Ruth		
4333	Los Angeles	Van Nuys	207	1	SC part of quad	20-N	Mulholland Drive		no age provided			
4334	Los Angeles	Van Nuys	207	3	SC part of quad	20-N	Mulholland Drive		no paleo info			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
4505	Santa Barbara	Point Conception	209	75	Wood Canyon	38-l	strat column		Upper Mohnian			
4506	Santa Barbara	Point Conception	209	76	Wood Canyon	38-l	strat column		Upper Mohnian			
4507	Santa Barbara	Point Conception	209	77	Wood Canyon	38-l	strat column		Upper Mohnian			
4508	Santa Barbara	Point Conception	209	78	Wood Canyon	38-l	strat column		Upper Mohnian			
4509	Santa Barbara	Point Conception	209	79	Wood Canyon	38-l	strat column		Upper Mohnian			
4510	Santa Barbara	Point Conception	209	80	Wood Canyon	38-l	strat column		Upper Mohnian			
4511	Santa Barbara	Point Conception	209	81	Wood Canyon	38-l	strat column		Upper Mohnian			
4512	Santa Barbara	Point Conception	209	82	Wood Canyon	38-l	strat column		Upper Mohnian			
4513	Santa Barbara	Point Conception	209	83	Wood Canyon	38-l	strat column		Upper Mohnian			
4514	Santa Barbara	Point Conception	209	84	Wood Canyon	38-l	strat column		Upper Mohnian			
4515	Santa Barbara	Point Conception	209	85	Wood Canyon	38-l	strat column		Upper Mohnian			
4516	Santa Barbara	Point Conception	209	86	Wood Canyon	38-l	strat column		Upper Mohnian			
4517	Santa Barbara	Point Conception	209	87	Wood Canyon	38-l	strat column		Upper Mohnian			
4518	Santa Barbara	Point Conception	209	88	Wood Canyon	38-l	strat column		Upper Mohnian			
4519	Santa Barbara	Point Conception	209	89	Wood Canyon	38-l	strat column		Upper Mohnian			
4520	Santa Barbara	Point Conception	209	90	Wood Canyon	38-l	strat column		Upper Mohnian			
4521	Santa Barbara	Point Conception	209	91	Wood Canyon	38-l	strat column		Upper Mohnian			
4522	Santa Barbara	Point Conception	209	92	Wood Canyon	38-l	strat column		Upper Mohnian			
4523	Santa Barbara	Point Conception	209	93	Wood Canyon	38-l	strat column		Upper Mohnian			
4524	Santa Barbara	Point Conception	209	95	Wood Canyon	38-l	strat column		Upper Mohnian			
4525	Santa Barbara	Point Conception	209	96	Wood Canyon	38-l	strat column		Upper Mohnian			
4526	Santa Barbara	Point Conception	209	97	Wood Canyon	38-l	strat column		Upper Mohnian			
4527	Santa Barbara	Point Conception	209	98	Wood Canyon	38-l	strat column		Upper Mohnian			
4528	Santa Barbara	Point Conception	209	99	Wood Canyon	38-l	strat column		Upper Mohnian			
4529	Santa Barbara	Point Conception	209	100	Wood Canyon	38-l	strat column		Upper Mohnian			
4530	Santa Barbara	Point Conception	209	101	Wood Canyon	38-l	strat column		Upper Mohnian			
4531	Santa Barbara	Point Conception	209	102	Wood Canyon	38-l	strat column		Upper Mohnian			
4532	Santa Barbara	Point Conception	209	103	Wood Canyon	38-l	strat column		Upper Mohnian			
4533	Santa Barbara	Tranquillon Mountain	210	1	El Tranquillon	118-G			not diagnostic			
4534	Santa Barbara	Tranquillon Mountain	210	2	El Tranquillon	118-G		age from NP	Upper Cretaceous			
4535	Santa Barbara	Tranquillon Mountain	210	3	El Tranquillon	118-G			not diagnostic			
4536	Santa Barbara	Tranquillon Mountain	210	6	El Tranquillon	118-G			not diagnostic			
4537	Santa Barbara	Tranquillon Mountain	210	7	El Tranquillon	118-G			not diagnostic			
4538	Santa Barbara	Tranquillon Mountain	210	8	El Tranquillon	118-G		age from NP	Upper Cretaceous			
4539	Santa Barbara	Tranquillon Mountain	210	9	El Tranquillon	118-G		age from NP	Upper Cretaceous			
4540	Santa Barbara	Tranquillon Mountain	210	10	El Tranquillon	118-G		age from NP	Upper Cretaceous			
4541	Contra Costa	Antioch South	210	648	Nortonville mine	H-12	strat column	Domengine S3	Eocene			
4542	Contra Costa	Antioch South	210	649	Nortonville mine	H-12	but not on map	Domengine S3	Eocene			
4543	Contra Costa	Antioch South	210	650	Nortonville mine	H-12	15/1N/1E	Domengine S3	Eocene			
4544	Contra Costa	Antioch South	210	651	Nortonville mine	H-12	15/1N/1E	Domengine S3	Eocene			
4545	Contra Costa	Antioch South	210	652	Nortonville mine	H-12	15/1N/1E	Domengine S3	Eocene			
4546	Contra Costa	Antioch South	210	653	Nortonville mine	H-12	15/1N/1E	Domengine S3	Eocene			
4547	Contra Costa	Antioch South	210	662	S of Somersville	E-10	strat column	Martinez Fm	Paleocene	Solari		
4548	Contra Costa	Antioch South	210	663	S of Somersville	E-10	but not on map	Martinez Fm	Paleocene	Solari		
4549	Contra Costa	Antioch South	210	664	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4550	Contra Costa	Antioch South	210	665	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4551	Contra Costa	Antioch South	210	666	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4552	Contra Costa	Antioch South	210	667	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4553	Contra Costa	Antioch South	210	669	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4554	Contra Costa	Antioch South	210	671	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4555	Contra Costa	Antioch South	210	672	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4556	Contra Costa	Antioch South	210	673	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4557	Contra Costa	Antioch South	210	674	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4558	Contra Costa	Antioch South	210	675	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4559	Contra Costa	Antioch South	210	676	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4560	Contra Costa	Antioch South	210	679	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4561	Contra Costa	Antioch South	210	680	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4562	Contra Costa	Antioch South	210	681	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4563	Contra Costa	Antioch South	210	684	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4564	Contra Costa	Antioch South	210	685	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4565	Contra Costa	Antioch South	210	686	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4566	Contra Costa	Antioch South	210	687	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4567	Contra Costa	Antioch South	210	688	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4568	Contra Costa	Antioch South	210	689	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4569	Contra Costa	Antioch South	210	690	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4570	Contra Costa	Antioch South	210	691	S of Somersville	E-10	16/1N/1E	Martinez Fm	Paleocene	Solari		
4571	Contra Costa	Antioch South	210	703	S of Somersville	E-9	16/1N/1E	Martinez Fm	Paleocene	Solari		
4572	Contra Costa	Antioch South	210	704	S of Somersville	E-9	16/1N/1E	Martinez Fm	Paleocene	Solari		
4573	Contra Costa	Benecia	212	2	Selby section	122-J	strat columns and	Martinez Fm	Paleocene	Solari		
4574	Contra Costa	Benecia	212	3	Selby section	122-J	detailed map	Martinez Fm	Paleocene	Solari		
4575	Contra Costa	Benecia	212	4	Selby section	122-J		Martinez Fm	Paleocene	Solari		
4576	Contra Costa	Benecia	212	5	Selby section	122-J		Martinez Fm	Paleocene	Solari		
4577	Contra Costa	Benecia	212	6	Selby section	122-J		Martinez Fm	Paleocene	Solari		
4578	Contra Costa	Benecia	212	7	Selby section	122-J		Martinez Fm	Paleocene	Solari		
4579	Contra Costa	Benecia	212	8	Selby section	122-J		Martinez Fm	Paleocene	Solari		
4580	Contra Costa	Benecia	212	9	Selby section	122-J		Martinez Fm	Paleocene	Solari		
4581	Contra Costa	Benecia	212	10	Selby section	122-J		Martinez Fm	Paleocene	Solari		
4582	Contra Costa	Benecia	212	11	Selby section	122-J		Martinez Fm	Paleocene	Solari		
4583	Contra Costa	Benecia	212	12	Selby section	122-J		Martinez Fm	Paleocene	Solari		
4584	Contra Costa	Benecia	212	13	Selby section	122-J		Martinez Fm	Paleocene	Solari		
4585	Contra Costa	Benecia	212	14	Selby section	122-J		Martinez Fm	Paleocene	Solari		
4586	Contra Costa	Benecia	212	15	Selby section	122-J		Martinez Fm	Paleocene	Solari		
4587	Contra Costa	Benecia	212	16	Selby section	122-J		Martinez Fm	Paleocene	Solari		
4588	Contra Costa	Benecia	212	17	Selby section	122-J		Martinez Fm	Paleocene	Solari		
4589	Contra Costa	Benecia	212	18	Selby section	122-J		Martinez Fm	Paleocene	Solari		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
5015	Ventura	Pitas Point	222	52	Los Sauces Creek	40-C			Pliocene	Derry &		
5016	Ventura	Pitas Point	222	53	Los Sauces Creek	40-C			Pliocene	Derry &		
5017	Ventura	Pitas Point	222	54	Los Sauces Creek	40-C			Pliocene	Derry &		
5018	Ventura	Pitas Point	222	55	Los Sauces Creek	40-C			Pliocene	Derry &		
5019	Ventura	Pitas Point	222	56	Los Sauces Creek	40-C			Pliocene	Derry &		
5020	Ventura	Pitas Point	222	58	Los Sauces Creek	40-C			Pliocene	Derry &		
5021	Ventura	Pitas Point	222	59	Los Sauces Creek	40-C			Pliocene	Derry &		
5022	Ventura	Pitas Point	222	60	Los Sauces Creek	40-C			Pliocene	Derry &		
5023	Ventura	Pitas Point	222	61	Los Sauces Creek	40-C			Pliocene	Derry &		
5024	Ventura	Pitas Point	222	62	Los Sauces Creek	40-C			Pliocene	Derry &		
5025	Ventura	Pitas Point	222	63	Los Sauces Creek	40-C			Pliocene	Derry &		
5026	Ventura	Pitas Point	222	64	Los Sauces Creek	40-C			Pliocene	Derry &		
5027	Ventura	Pitas Point	222	65	Los Sauces Creek	40-C			Pliocene	Derry &		
5028	Ventura	Pitas Point	222	66	Los Sauces Creek	40-C			Pliocene	Derry &		
5029	Ventura	Pitas Point	222	67	Los Sauces Creek	40-C			Pliocene	Derry &		
5030	Ventura	Pitas Point	222	68	Los Sauces Creek	40-C			Pliocene	Derry &		
5031	Ventura	Pitas Point	222	69	Los Sauces Creek	40-C			Pliocene	Derry &		
5032	Ventura	Pitas Point	222	70	Los Sauces Creek	40-C			Pliocene	Derry &		
5033	Ventura	Pitas Point	222	71	Los Sauces Creek	40-C			Pliocene	Derry &		
5034	Ventura	Pitas Point	222	72	Los Sauces Creek	40-C			Pliocene	Derry &		
5035	Ventura	Pitas Point	222	73	Los Sauces Creek	40-C			Pliocene	Derry &		
5036	Ventura	Pitas Point	222	74	Los Sauces Creek	40-C			Pliocene	Derry &		
5037	Ventura	Pitas Point	222	75	Los Sauces Creek	40-C			Pliocene	Derry &		
5038	Ventura	Pitas Point	222	76	Los Sauces Creek	40-C			Pliocene	Derry &		
5039	Ventura	Pitas Point	222	77	Los Sauces Creek	40-C			Pliocene	Derry &		
5040	Ventura	Pitas Point	222	78	Los Sauces Creek	40-C			Pliocene	Derry &		
5041	Ventura	Pitas Point	222	79	Los Sauces Creek	40-C			Pliocene	Derry &		
5042	Los Angeles	Canoga Park	223	19	Chalk Hills	48-I			Miocene			
5043	Los Angeles	Canoga Park	223	66	Chalk Hills	59-A			Miocene			
5044	Los Angeles	Canoga Park	223	72	Chalk Hills	59-A			Miocene			
5045	Los Angeles	Canoga Park	223	115	Chalk Hills	60-J			Miocene?			
5046	Contra Costa	Richmond	223	P-2 etc	NE part of quad	F-4	Pinole anticline		Upper? Miocene	Harris & T		
5047	Contra Costa	Richmond	223	4	NE part of quad	F-4	Pinole anticline		Luisian	Harris & T		
5048	Contra Costa	Richmond	223	5	NE part of quad	F-4	Pinole anticline		barren	Harris & T		
5049	Contra Costa	Richmond	223	10	NE part of quad	F-4	Pinole anticline		barren	Harris & T		
5050	Contra Costa	Richmond	223	12	NE part of quad	F-4	Pinole anticline		Luisian	Harris & T		
5051	Contra Costa	Richmond	223	13	NE part of quad	F-4	Pinole anticline		Middle Miocene	Harris & T		
5052	Contra Costa	Richmond	223	14	NE part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
5053	Contra Costa	Richmond	223	15	NE part of quad	F-4	Pinole anticline		Luisian	Harris & T		
5054	Contra Costa	Richmond	223	16	NE part of quad	F-4	Pinole anticline		barren	Harris & T		
5055	Contra Costa	Richmond	223	17	NE part of quad	F-4	Pinole anticline		barren	Harris & T		
5056	Contra Costa	Richmond	223	18	NE part of quad	F-4	Pinole anticline		Prob Paleocene	Harris & T		
5057	Contra Costa	Richmond	223	19	NE part of quad	F-4	Pinole anticline		barren	Harris & T		
5058	Contra Costa	Richmond	223	20	NE part of quad	F-4	Pinole anticline		Luisian	Harris & T		
5059	Contra Costa	Richmond	223	21	NE part of quad	F-4	Pinole anticline		barren	Harris & T		
5060	Contra Costa	Richmond	223	22	NE part of quad	F-4	Pinole anticline		Luisian	Harris & T		
5061	Contra Costa	Richmond	223	23	NE part of quad	F-4	Pinole anticline		Luisian	Harris & T		
5062	Contra Costa	Richmond	223	24	NE part of quad	F-4	Pinole anticline		Luisian	Harris & T		
5063	Contra Costa	Richmond	223	25	NE part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
5064	Contra Costa	Richmond	223	26	NE part of quad	F-4	Pinole anticline		barren	Harris & T		
5065	Contra Costa	Richmond	223	27	NE part of quad	F-4	Pinole anticline		barren	Harris & T		
5066	Contra Costa	Richmond	223	28	NE part of quad	F-4	Pinole anticline		barren	Harris & T		
5067	Contra Costa	Richmond	223	30	NE part of quad	F-4	Pinole anticline		Eocene	Harris & T		
5068	Contra Costa	Richmond	223	31	NE part of quad	F-4	Pinole anticline		Eocene	Harris & T		
5069	Contra Costa	Briones Valley	223	32	NW part of quad	F-4	Pinole anticline		barren	Harris & T		
5070	Contra Costa	Richmond	223	33	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
5071	Contra Costa	Richmond	223	34	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
5072	Contra Costa	Richmond	223	35	NW part of quad	F-4	Pinole anticline		Paleocene or Eoc	Harris & T		
5073	Contra Costa	Richmond	223	36	NW part of quad	F-4	Pinole anticline		Paleocene?	Harris & T		
5074	Contra Costa	Richmond	223	37	NW part of quad	F-4	Pinole anticline		Paleocene or Eoc	Harris & T		
5075	Contra Costa	Richmond	223	38	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
5076	Contra Costa	Briones Valley	223	39	NW part of quad	F-4	Pinole anticline		not diagnostic	Harris & T		
5077	Contra Costa	Richmond	223	40	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
5078	Contra Costa	Briones Valley	223	41	NW part of quad	F-4	Pinole anticline		barren	Harris & T		
5079	Contra Costa	Richmond	223	42	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
5080	Contra Costa	Richmond	223	43	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
5081	Contra Costa	Richmond	223	44	NW part of quad	F-4	Pinole anticline		Miocene	Harris & T		
5082	Contra Costa	Richmond	223	45	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
5083	Contra Costa	Richmond	223	46	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
5084	Contra Costa	Richmond	223	47	NW part of quad	F-4	Pinole anticline		Paleocene?	Harris & T		
5085	Contra Costa	Briones Valley	223	48	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
5086	Contra Costa	Briones Valley	223	49	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
5087	Contra Costa	Briones Valley	223	50	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
5088	Contra Costa	Richmond	223	52	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
5089	Contra Costa	Richmond	223	53	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
5090	Contra Costa	Richmond	223	54	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
5091	Contra Costa	Richmond	223	61	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
5092	Contra Costa	Richmond	223	66	NW part of quad	F-4	Pinole anticline		Miocene	Harris & T		
5093	Contra Costa	Richmond	223	68	NW part of quad	F-4	Pinole anticline		Eocene	Harris & T		
5094	Contra Costa	Richmond	223	69	NW part of quad	F-4	Pinole anticline		Eocene	Harris & T		
5095	Contra Costa	Richmond	223	70	NW part of quad	F-4	Pinole anticline		Eocene	Harris & T		
5096	Contra Costa	Richmond	223	72	NW part of quad	F-4	Pinole anticline		Eocene	Harris & T		
5097	Contra Costa	Briones Valley	223	74RW	NW part of quad	F-2	Pinole anticline		no paleo info			
5098	Contra Costa	Briones Valley	223	75	NW part of quad	F-4	Pinole anticline		Eocene	Harris & T		
5099	Contra Costa	Briones Valley	223	76	NW part of quad	F-4	Pinole anticline		Eocene	Harris & T		

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ZONE/SERIES/AG	COLLECTORS		
5185	Contra Costa	Briones Valley	223	170	NW part of quad	F-6	Pinole anticline		Eocene	Harris & T		
5186	Contra Costa	Briones Valley	223	171	NW part of quad	F-6	Pinole anticline		not diagnostic	Harris & T		
5187	Contra Costa	Briones Valley	223	172	NW part of quad	F-6	Pinole anticline		barren	Harris & T		
5188	Contra Costa	Briones Valley	223	173	NW part of quad	F-6	Pinole anticline		not diagnostic	Harris & T		
5189	Contra Costa	Benecia	223	175	SE part of quad	F-6	Pinole anticline		prob Paleocene	Harris & T		
5190	Contra Costa	Briones Valley	223	176	NW part of quad	F-6	Pinole anticline		barren	Harris & T		
5191	Contra Costa	Benecia	223	177	SE part of quad	F-6	Pinole anticline		not diagnostic	Harris & T		
5192	Contra Costa	Briones Valley	223	178	NE part of quad	F-6	Pinole anticline		not diagnostic	Harris & T		
5193	Contra Costa	Benecia	223	179	SE part of quad	F-6	Pinole anticline		prob Paleocene	Harris & T		
5194	Contra Costa	Benecia	223	181	SE part of quad	F-6	Pinole anticline		Paleocene	Harris & T		
5195	Contra Costa	Briones Valley	223	183	NW part of quad	F-6	Pinole anticline		not diagnostic	Harris & T		
5196	Contra Costa	Benecia	223	184	SE part of quad	F-6	Pinole anticline		not diagnostic	Harris & T		
5197	Contra Costa	Briones Valley	223	186	center of quad	F-6	Pinole anticline		Eocene	Harris & T		
5198	Contra Costa	Briones Valley	223	186RW	center of quad	F-2			no paleo info	Harris & T		
5199	Contra Costa	Briones Valley	223	188RW	center of quad	F-2			no paleo info	Harris & T		
5200	Contra Costa	Briones Valley	223	188	center of quad	F-6	Pinole anticline		Eocene	Harris & T		
5201	Contra Costa	Briones Valley	223	189	center of quad	F-6	Pinole anticline		prob L Miocene	Harris & T		
5202	Contra Costa	Briones Valley	223	191	center of quad	F-6			Eocene	Harris & T		
5203	Contra Costa	Briones Valley	223	194	center of quad	F-6			barren	Harris & T		
5204	Contra Costa	Benecia	223	200	Selby	F-6			Paleocene E zone	Harris & T		
5205	Contra Costa	Benecia	223	202	Port Costa	F-6			not diagnostic	Harris & T		
5206	Contra Costa	Benecia	223	204	SE part of quad	F-6			not diagnostic	Harris & T		
5207	Contra Costa	Benecia	223	206	SE part of quad	F-6			not diagnostic	Harris & T		
5208	Contra Costa	Briones Valley	223	207	NW part of quad	F-6	Oursan anticline		Eocene?	Harris & T		
5209	Contra Costa	Richmond	223	208	NW part of quad	F-6	Oursan anticline		Eocene	Harris & T		
5210	Contra Costa	Richmond	223	208RW	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5211	Contra Costa	Briones Valley	223	219	Oursan anticline	F-2	has Discocyclina		Eocene	Harris & T		
5212	Contra Costa	Briones Valley	223	220	Oursan anticline	F-2	has Discocyclina		Eocene	Harris & T		
5213	Contra Costa	Richmond	223	221	NW part of quad	F-2	Oursan anticline		Eocene?	Harris & T		
5214	Contra Costa	Briones Valley	223	222	NW part of quad	F-2	Oursan anticline		not diagnostic	Harris & T		
5215	Contra Costa	Briones Valley	223	223	NW part of quad	F-6	Oursan anticline		Eocene	Harris & T		
5216	Contra Costa	Briones Valley	223	224	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5217	Contra Costa	Briones Valley	223	224A	NW part of quad	F-2	Oursan anticline		no paleo info	Harris & T		
5218	Contra Costa	Briones Valley	223	225	NW part of quad	F-2	Oursan anticline		not diagnostic	Harris & T		
5219	Contra Costa	Briones Valley	223	227	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5220	Contra Costa	Briones Valley	223	229	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5221	Contra Costa	Briones Valley	223	230	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5222	Contra Costa	Briones Valley	223	231	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5223	Contra Costa	Briones Valley	223	232	NW part of quad	F-2	Oursan anticline		Eocene?	Harris & T		
5224	Contra Costa	Briones Valley	223	235	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5225	Contra Costa	Briones Valley	223	237	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5226	Contra Costa	Briones Valley	223	238	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5227	Contra Costa	Briones Valley	223	239	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5228	Contra Costa	Briones Valley	223	240	NW part of quad	F-6	Oursan anticline		Eocene	Harris & T		
5229	Contra Costa	Briones Valley	223	240RW	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5230	Contra Costa	Briones Valley	223	241	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5231	Contra Costa	Briones Valley	223	244	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5232	Contra Costa	Briones Valley	223	245	NW part of quad	F-2	Oursan anticline		not diagnostic	Harris & T		
5233	Contra Costa	Briones Valley	223	246	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5234	Contra Costa	Briones Valley	223	247	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5235	Contra Costa	Briones Valley	223	248	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5236	Contra Costa	Briones Valley	223	249	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5237	Contra Costa	Briones Valley	223	250	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5238	Contra Costa	Briones Valley	223	252	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5239	Contra Costa	Briones Valley	223	255	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5240	Contra Costa	Briones Valley	223	257	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5241	Contra Costa	Briones Valley	223	259	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5242	Contra Costa	Briones Valley	223	267	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5243	Contra Costa	Briones Valley	223	268	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5244	Contra Costa	Briones Valley	223	270	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5245	Contra Costa	Briones Valley	223	271	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5246	Contra Costa	Briones Valley	223	273	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
5247	Contra Costa	Richmond	223	275	NE part of quad	F-6			Paleocene?	Harris & T		
5248	Contra Costa	Walnut Creek	223	276	NW part of quad	F-6			not diagnostic	Harris & T		
5249	Contra Costa	Walnut Creek	223	277	NW part of quad	F-6			barren	Harris & T		
5250	Contra Costa	Walnut Creek	223	278	NW part of quad	F-6			not diagnostic	Harris & T		
5251	Contra Costa	Benecia	223	282	SC part of quad	F-6			Cretaceous	Harris & T		
5252	Contra Costa	Briones Valley	223	299	NE part of quad	F-6			no paleo info	Harris & T		
5253	Kern	Las Yeguas Ranch	224	S-1 etc	Media Agua Creek	F-7	not on map	22/28S/19E	Miocene			
5254	Kern	Las Yeguas Ranch	224	2	Media Agua Creek	F-7	not on map	Have strat	Miocene			
5255	Kern	Las Yeguas Ranch	224	3	Media Agua Creek	F-7	not on map	position in	Miocene			
5256	Kern	Las Yeguas Ranch	224	4	Media Agua Creek	F-7	not on map	notes but no	Miocene			
5257	Kern	Las Yeguas Ranch	224	5	Media Agua Creek	F-7	not on map	ages. Ref to	Miocene			
5258	Kern	Las Yeguas Ranch	224	6	Media Agua Creek	F-7	not on map	Phacoides ree	Miocene			
5259	Kern	Las Yeguas Ranch	224	7	Media Agua Creek	F-7	not on map	and button	Miocene			
5260	Kern	Las Yeguas Ranch	224	8	Media Agua Creek	F-7	not on map	beds suggests	Miocene			
5261	Kern	Las Yeguas Ranch	224	9	Media Agua Creek	F-7	not on map	all slides prob	Miocene			
5262	Kern	Las Yeguas Ranch	224	10	Media Agua Creek	F-7	not on map	Lower and	Miocene			
5263	Kern	Las Yeguas Ranch	224	11	Media Agua Creek	F-7	not on map	Middle Miocen	Miocene			
5264	Kern	Las Yeguas Ranch	224	12	Media Agua Creek	F-7	not on map		Miocene			
5265	Kern	Las Yeguas Ranch	224	13	Media Agua Creek	F-7	not on map		Miocene			
5266	Kern	Las Yeguas Ranch	224	14	Media Agua Creek	F-7	not on map		Miocene			
5267	Kern	Las Yeguas Ranch	224	15	Media Agua Creek	F-7	not on map		Miocene			
5268	Kern	Las Yeguas Ranch	224	16	Media Agua Creek	F-7	not on map		Miocene			
5269	Kern	Las Yeguas Ranch	224	17	Media Agua Creek	F-7	not on map		Miocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
5695	Los Angeles	El Monte	224	257	Sycamore Canyon	43-F			no age provided			
5696	Los Angeles	El Monte	224	258	Sycamore Canyon	43-F			no age provided			
5697	Los Angeles	El Monte	224	259	Sycamore Canyon	43-F			no age provided			
5698	Los Angeles	El Monte	224	260	Sycamore Canyon	43-F			no age provided			
5699	Los Angeles	El Monte	224	262	Sycamore Canyon	43-F			no age provided			
5700	Los Angeles	El Monte	224	263	Sycamore Canyon	43-F			no age provided			
5701	Los Angeles	El Monte	224	264	Sycamore Canyon	43-F			no age provided			
5702	Los Angeles	El Monte	224	265	Sycamore Canyon	43-F			no age provided			
5703	Los Angeles	El Monte	224	266	Sycamore Canyon	43-F			no age provided			
5704	Los Angeles	El Monte	224	267	Sycamore Canyon	43-F			no age provided			
5705	Los Angeles	El Monte	224	268	Sycamore Canyon	43-F			no age provided			
5706	Los Angeles	El Monte	224	269	Sycamore Canyon	43-F			no age provided			
5707	Los Angeles	El Monte	224	270	Sycamore Canyon	43-F			no age provided			
5708	Los Angeles	El Monte	224	271	Sycamore Canyon	43-F			no age provided			
5709	Los Angeles	El Monte	224	272	Sycamore Canyon	43-F			no age provided			
5710	Los Angeles	El Monte	224	273	Sycamore Canyon	43-F			no age provided			
5711	Los Angeles	El Monte	224	274	Sycamore Canyon	43-F			no age provided			
5712	Los Angeles	El Monte	224	275	Sycamore Canyon	43-F			no age provided			
5713	Los Angeles	El Monte	224	276	Sycamore Canyon	43-F			no age provided			
5714	Los Angeles	El Monte	224	277	Sycamore Canyon	43-F			no age provided			
5715	Los Angeles	El Monte	224	278	Sycamore Canyon	43-F			no age provided			
5716	Los Angeles	El Monte	224	279	Sycamore Canyon	43-F			no age provided			
5717	Los Angeles	El Monte	224	280	Sycamore Canyon	43-F			no age provided			
5718	Los Angeles	El Monte	224	281	Sycamore Canyon	43-F			no age provided			
5719	Los Angeles	El Monte	224	282	Sycamore Canyon	43-F			no age provided			
5720	Los Angeles	El Monte	224	283	Sycamore Canyon	43-F			no age provided			
5721	Los Angeles	El Monte	224	284	Sycamore Canyon	43-G			no age provided			
5722	Los Angeles	El Monte	224	285	Sycamore Canyon	43-G			no age provided			
5723	Los Angeles	El Monte	224	286	Sycamore Canyon	43-G			no age provided			
5724	Los Angeles	El Monte	224	287	Sycamore Canyon	43-G			no age provided			
5725	Los Angeles	El Monte	224	288	Sycamore Canyon	43-G			no age provided			
5726	Los Angeles	El Monte	224	289	Sycamore Canyon	43-G			no age provided			
5727	Los Angeles	El Monte	224	290	Sycamore Canyon	43-G			no age provided			
5728	Los Angeles	El Monte	224	291	Sycamore Canyon	43-G			no age provided			
5729	Los Angeles	El Monte	224	292	Sycamore Canyon	43-G			no age provided			
5730	Los Angeles	El Monte	224	293	Sycamore Canyon	43-G			no age provided			
5731	Los Angeles	El Monte	224	294	Sycamore Canyon	43-G			no age provided			
5732	Los Angeles	El Monte	224	295	Sycamore Canyon	43-G			no age provided			
5733	Los Angeles	El Monte	224	296	Sycamore Canyon	43-G			no age provided			
5734	Los Angeles	El Monte	224	297	Sycamore Canyon	43-G			no age provided			
5735	Los Angeles	El Monte	224	298	Sycamore Canyon	43-G			no age provided			
5736	Los Angeles	El Monte	224	299	Sycamore Canyon	43-G			no age provided			
5737	Los Angeles	El Monte	224	300	Sycamore Canyon	43-G			no age provided			
5738	Los Angeles	El Monte	224	301	Sycamore Canyon	43-G			no age provided			
5739	Los Angeles	El Monte	224	302	Sycamore Canyon	43-G			no age provided			
5740	Napa	Napa	225	RNN2et	not on map	E-7	Sonoma 15'	ostracods	Pleistocene?	RN Nelson		
5741	Napa	Napa	225	3	not on map	E-7	Sonoma 15'		Eocene	RN Nelson		
5742	Napa	Napa	225	4	not on map	E-7	Sonoma 15'		Cret/Paleocene	RN Nelson		
5743	Napa	Napa	225	6	not on map	E-7	Sonoma 15'	ostracods	Pleistocene?	RN Nelson		
5744	Napa	Napa	225	7	not on map	E-7	Sonoma 15'		Pleistocene?	RN Nelson		
5745	Napa	Napa	225	8	not on map	E-7	Sonoma 15'		Pleistocene?	RN Nelson		
5746	Napa	Napa	225	9	not on map	E-7	Sonoma 15'		Pleistocene?	RN Nelson		
5747	Napa	Napa	225	10	not on map	E-7	Sonoma 15'		Pleistocene?	RN Nelson		
5748	Napa	Napa	225	14	not on map	E-7	Sonoma 15'		Cret/Paleocene	RN Nelson		
5749	Napa	Napa	225	15	not on map	E-7	Sonoma 15'		Cretaceous?	RN Nelson		
5750	Napa	Napa	225	16	not on map	E-7	Sonoma 15'		Cretaceous	RN Nelson		
5751	Napa	Napa	225	17	not on map	E-7	Sonoma 15'		Paleocene?	RN Nelson		
5752	Napa	Napa	225	18	not on map	E-7	Sonoma 15'	flood glaucou.	barren	RN Nelson		
5753	Napa	Napa	225	19	not on map	E-7	Sonoma 15'		Cretaceous?	RN Nelson		
5754	Napa	Napa	225	20	not on map	E-7	Sonoma 15'	No notes	barren	RN Nelson		
5755	Napa	Napa	225	21	not on map	E-7	Sonoma 15'	indicating	not diagnostic	RN Nelson		
5756	Napa	Napa	225	22	not on map	E-7	Sonoma 15'	where these	not diagnostic	RN Nelson		
5757	Napa	Napa	225	23	not on map	E-7	Sonoma 15'	samples are	Cret/Paleocene	RN Nelson		
5758	Napa	Napa	225	24	not on map	E-7	Sonoma 15'	from except	Cretaceous	RN Nelson		
5759	Napa	Napa	225	25	not on map	E-7	Sonoma 15'	that #71 is	Eocene?	RN Nelson		
5760	Napa	Napa	225	30	not on map	E-7	Sonoma 15'	from Congress	Cret/Paleocene	RN Nelson		
5761	Napa	Napa	225	33	not on map	E-7	Sonoma 15'	Valley	barren	RN Nelson		
5762	Napa	Napa	225	33A	not on map	E-7	Sonoma 15'		barren	RN Nelson		
5763	Napa	Napa	225	34-1	not on map	E-7	Sonoma 15'		barren	RN Nelson		
5764	Napa	Napa	225	34-2	not on map	E-7	Sonoma 15'		not diagnostic	RN Nelson		
5765	Napa	Napa	225	34-3	not on map	E-7	Sonoma 15'		not diagnostic	RN Nelson		
5766	Napa	Napa	225	35	not on map	E-7	Sonoma 15'		U eocene A-1 zone	RN Nelson		
5767	Napa	Napa	225	36	not on map	E-7	Sonoma 15'		barren	RN Nelson		
5768	Napa	Napa	225	41	not on map	E-7	Sonoma 15'		Miocene	RN Nelson		
5769	Napa	Napa	225	46	not on map	E-7	Sonoma 15'		not diagnostic	RN Nelson		
5770	Napa	Napa	225	49	not on map	E-7	Sonoma 15'		Cret/Paleocene	RN Nelson		
5771	Napa	Napa	225	51	not on map	E-7	Sonoma 15'		Eocene?	RN Nelson		
5772	Napa	Napa	225	52	not on map	E-7	Sonoma 15'		barren	RN Nelson		
5773	Napa	Napa	225	53	not on map	E-7	Sonoma 15'		Eocene	RN Nelson		
5774	Napa	Napa	225	56	not on map	E-7	Sonoma 15'	abun rads	Eocene?	RN Nelson		
5775	Napa	Napa	225	57	not on map	E-7	Sonoma 15'	abun rads	Eocene?	RN Nelson		
5776	Napa	Napa	225	58	not on map	E-7	Sonoma 15'		possibly Eocene	RN Nelson		
5777	Napa	Napa	225	59	not on map	E-7	Sonoma 15'		possibly Eocene	RN Nelson		
5778	Napa	Napa	225	60	not on map	E-7	Sonoma 15'		not diagnostic	RN Nelson		
5779	Napa	Napa	225	61	not on map	E-7	Sonoma 15'		Eocene	RN Nelson		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
5780	Napa	Napa	225	62	not on map	E-7	Sonoma 15'		not diagnostic	RN Nelson		
5781	Napa	Napa	225	63	not on map	E-7	Sonoma 15'		not diagnostic	RN Nelson		
5782	Napa	Napa	225	64	not on map	E-7	Sonoma 15'		Eocene	RN Nelson		
5783	Napa	Napa	225	65	not on map	E-4	Sonoma 15'		barren	RN Nelson		
5784	Napa	Napa	225	66	not on map	E-4	Sonoma 15'		possibly Eocene	RN Nelson		
5785	Napa	Napa	225	67	not on map	E-4	Sonoma 15'		possibly Eocene	RN Nelson		
5786	Napa	Napa	225	68	not on map	E-4	Sonoma 15'		possibly Eocene	RN Nelson		
5787	Napa	Napa	225	69	not on map	E-4	Sonoma 15'		possibly Eocene	RN Nelson		
5788	Napa	Napa	225	70	not on map	E-4	Sonoma 15'		possibly Eocene	RN Nelson		
5789	Napa	Napa	225	71	not on map	E-5	Sonoma 15'		barren	RN Nelson		
5790	Napa	Napa	225	72	not on map	E-6	Sonoma 15'		possibly Eocene	RN Nelson		
5791	Napa	Napa	225	73	not on map	E-7	Sonoma 15'		possibly Eocene	RN Nelson		
5792	Los Angeles	Los Angeles	225	1	center of quad	52-N			no paleo info			
5793	Los Angeles	Los Angeles	225	1A	center of quad	52-N			no paleo info			
5794	Los Angeles	Los Angeles	225	1B	center of quad	52-N			no paleo info			
5795	Los Angeles	Los Angeles	225	2	center of quad	52-N			no paleo info			
5796	Los Angeles	Los Angeles	225	3	center of quad	52-N			no paleo info			
5797	Los Angeles	Los Angeles	225	4	center of quad	52-N			no paleo info			
5798	Los Angeles	Los Angeles	225	11	center of quad	52-N			no paleo info			
5799	Fresno	Garza Peak	228	1	Canoas Ck	E-11	not on map	Ridge 3/8 mi	Eocene	Newbill		
5800	Fresno	Garza Peak	228	2	Canoas Ck	E-11	not on map	north of	Eocene	Newbill		
5801	Fresno	Garza Peak	228	3	Canoas Ck	E-11	not on map	Canoas Ck	Eocene	Newbill		
5802	Fresno	Garza Peak	228	4	Canoas Ck	E-11	not on map	Have strat	Eocene	Newbill		
5803	Fresno	Garza Peak	228	5	Canoas Ck	E-11	not on map	column. Quad	Eocene	Newbill		
5804	Fresno	Garza Peak	228	6	Canoas Ck	E-11	not on map	uncertain	Eocene	Newbill		
5805	Fresno	Garza Peak	228	7	Canoas Ck	E-11	not on map		Eocene	Newbill		
5806	Fresno	Garza Peak	228	8	Canoas Ck	E-11	not on map		Eocene	Newbill		
5807	Fresno	Garza Peak	228	9	Canoas Ck	E-11	not on map		Eocene	Newbill		
5808	Fresno	Garza Peak	228	10	Canoas Ck	E-11	not on map		Eocene	Newbill		
5809	Fresno	Garza Peak	228	11	Canoas Ck	E-11	not on map		Eocene	Newbill		
5810	Fresno	Garza Peak	228	12	Canoas Ck	E-11	not on map		Eocene	Newbill		
5811	Fresno	Garza Peak	228	13	Canoas Ck	E-11	not on map		Eocene	Newbill		
5812	Fresno	Garza Peak	228	14	Canoas Ck	E-11	not on map		Eocene	Newbill		
5813	Fresno	Garza Peak	228	15	Canoas Ck	E-11	not on map		Eocene	Newbill		
5814	Fresno	Garza Peak	228	16	Canoas Ck	E-11	not on map		Eocene	Newbill		
5815	Fresno	Garza Peak	228	17	Canoas Ck	E-11	not on map		Eocene	Newbill		
5816	Fresno	Garza Peak	228	18	Canoas Ck	E-11	not on map		Eocene	Newbill		
5817	Fresno	Garza Peak	228	19	Canoas Ck	E-11	not on map		Eocene	Newbill		
5818	Fresno	Garza Peak	228	20	Canoas Ck	E-11	not on map		Eocene	Newbill		
5819	Fresno	Garza Peak	228	21	Canoas Ck	E-11	not on map		Eocene	Newbill		
5820	Fresno	Garza Peak	228	22	Canoas Ck	E-11	not on map		Eocene	Newbill		
5821	Fresno	Garza Peak	228	23	Canoas Ck	E-11	not on map		Eocene	Newbill		
5822	Fresno	Alcalde Hills	229	312-1	Los Gatos Creek	E-4	Coalinga 15'	not precisely	Cretaceous	Burner		
5823	Fresno	Alcalde Hills	229	312-2	Los Gatos Creek	E-4	Coalinga 15'	located	Cretaceous	Burner		
5824	Fresno	Alcalde Hills	229		Los Gatos Creek	E-4	Coalinga 15'		Cretaceous	Burner		
5825	Fresno	Alcalde Hills	229	1	Los Gatos Creek	E-4	Coalinga 15'		Cretaceous	Burner		
5826	Fresno	Alcalde Hills	229	2	Los Gatos Creek	E-4	Coalinga 15'		Cretaceous	Burner		
5827	Fresno	Alcalde Hills	229	3	Los Gatos Creek	E-4	Coalinga 15'		Cretaceous	Burner		
5828	Fresno	Alcalde Hills	229	313-1	Los Gatos Creek	E-4	Coalinga 15'		Cretaceous	Burner		
5829	Fresno	Alcalde Hills	229	313-2	Los Gatos Creek	E-4	Coalinga 15'		Cretaceous	Burner		
5830	Santa Barbara	Santa Rosa Island S	230	2	Wreck Canyon	42-K		Have strat	Upper Eocene			
5831	Santa Barbara	Santa Rosa Island S	230	3	Wreck Canyon	42-K		column	Upper Eocene			
5832	Santa Barbara	Santa Rosa Island S	230	4	Wreck Canyon	42-K			Upper Eocene			
5833	Santa Barbara	Santa Rosa Island S	230	7	Wreck Canyon	42-K			Upper Eocene			
5834	Santa Barbara	Santa Rosa Island S	230	8	Wreck Canyon	42-K			Upper Eocene			
5835	Santa Barbara	Santa Rosa Island S	230	9	Wreck Canyon	42-K			Upper Eocene			
5836	Santa Barbara	Santa Rosa Island S	230	10	Wreck Canyon	42-K			Upper Eocene			
5837	Santa Barbara	Santa Rosa Island S	230	11	Wreck Canyon	42-K			Upper Eocene			
5838	Santa Barbara	Santa Rosa Island S	230	12	Wreck Canyon	42-K			Upper Eocene			
5839	Santa Barbara	Santa Rosa Island S	230	13	Wreck Canyon	42-K			Upper Eocene			
5840	Santa Barbara	Santa Rosa Island S	230	15	Wreck Canyon	42-K			Upper Eocene			
5841	Santa Barbara	Santa Rosa Island S	230	16	Wreck Canyon	42-K			Upper Eocene			
5842	Santa Barbara	Santa Rosa Island S	230	17	Wreck Canyon	42-K			Upper Eocene			
5843	Santa Barbara	Santa Rosa Island S	230	18	Wreck Canyon	42-K			Upper Eocene			
5844	Santa Barbara	Santa Rosa Island S	230	19	Wreck Canyon	42-K			Upper Eocene			
5845	Santa Barbara	Santa Rosa Island S	230	20	Wreck Canyon	42-K			Upper Eocene			
5846	Santa Barbara	Santa Rosa Island S	230	21	Wreck Canyon	42-K			Upper Eocene			
5847	Santa Barbara	Santa Rosa Island S	230	22	Wreck Canyon	42-K			Upper Eocene			
5848	Santa Barbara	Santa Rosa Island S	230	23	Wreck Canyon	42-K			Upper Eocene			
5849	Santa Barbara	Santa Rosa Island S	230	25	Wreck Canyon	42-K			Upper Eocene			
5850	Santa Barbara	Santa Rosa Island S	230	26	Wreck Canyon	42-K			Upper Eocene			
5851	Santa Barbara	Santa Rosa Island S	230	27	Wreck Canyon	42-K			Upper Eocene			
5852	Santa Barbara	Santa Rosa Island S	230	28	Wreck Canyon	42-K			Upper Eocene			
5853	Santa Barbara	Santa Rosa Island S	231	8	NE part of quad	42-K			not diagnostic			
5854	Santa Barbara	Santa Rosa Island S	231	8B	NE part of quad	42-K			not diagnostic			
5855	Santa Barbara	Santa Rosa Island S	231	9	NE part of quad	42-K			not diagnostic			
5856	Santa Barbara	Santa Rosa Island S	231	17	NE part of quad	42-K			not diagnostic			
5857	Santa Barbara	Santa Rosa Island S	231	19	NE part of quad	42-K			not diagnostic			
5858	Santa Barbara	Santa Rosa Island Ea	232	1	East Point	42-K	strat column		Saucesian?	Samp		
5859	Santa Barbara	Santa Rosa Island Ea	232	2	East Point	42-K			Saucesian?	Samp		
5860	Santa Barbara	Santa Rosa Island Ea	232	4	East Point	42-K			Saucesian?	Samp		
5861	Santa Barbara	Santa Rosa Island Ea	232	6	East Point	42-K			Saucesian?	Samp		
5862	Santa Barbara	Santa Rosa Island Ea	232	7	East Point	42-K			Saucesian?	Samp		
5863	Santa Barbara	Santa Rosa Island Ea	232	8	East Point	42-K			Saucesian?	Samp		
5864	Santa Barbara	Santa Rosa Island Ea	232	9	East Point	42-K			Saucesian?	Samp		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
5865	Santa Barbara	Santa Rosa Island Ea	232	10	East Point	42-K			Saucesian?	Samp		
5866	Santa Barbara	Santa Rosa Island Ea	232	11	East Point	42-K			Saucesian?	Samp		
5867	Santa Barbara	Santa Rosa Island Ea	232	12	East Point	42-K			Saucesian?	Samp		
5868	Santa Barbara	Santa Rosa Island Ea	232	13	East Point	42-K			Saucesian?	Samp		
5869	Santa Barbara	Santa Rosa Island Ea	232	15	East Point	42-K			Saucesian?	Samp		
5870	Santa Barbara	Santa Rosa Island Ea	232	16	East Point	42-K			Saucesian?	Samp		
5871	Sutter	Sutter Buttes?	232	2	Marysville Bts	F-11	not on map		no paleo info	Donlon		
5872	Sutter	Sutter Buttes?	232	3	Marysville Bts	F-11	not on map		no paleo info	Donlon		
5873	Sutter	Sutter Buttes?	232	4	Marysville Bts	F-11	not on map		no paleo info	Donlon		
5874	Sutter	Sutter Buttes?	232	5	Marysville Bts	F-11	not on map		no paleo info	Donlon		
5875	Sutter	Sutter Buttes?	232	6	Marysville Bts	F-11	not on map		no paleo info	Donlon		
5876	Sutter	Sutter Buttes?	232	7	Marysville Bts	F-11	not on map		no paleo info	Donlon		
5877	Yolo?	Monticello Dam?	233	P1 etc	Putah Ck	148-G	not on map		Cret G-2	Solari		
5878	Yolo?	Monticello Dam?	233	2	Putah Ck	148-G	not on map		Cret G-2	Solari		
5879	Yolo?	Monticello Dam?	233	3	Putah Ck	148-G	not on map		Cret G-2	Solari		
5880	Yolo?	Monticello Dam?	233	4	Putah Ck	148-G	not on map		Cret G-2	Solari		
5881	Yolo?	Monticello Dam?	233	5	Putah Ck	148-G	not on map		Cret G-2	Solari		
5882	Yolo?	Monticello Dam?	233	6	Putah Ck	148-G	not on map		Cret G-2	Solari		
5883	Santa Barbara	Santa Rosa Island N	233	1	SE part of quad	42-L	"Pecho Peak"	have strat	barren			
5884	Santa Barbara	Santa Rosa Island N	233	2	SE part of quad	42-L		column	Saucesian			
5885	Santa Barbara	Santa Rosa Island N	233	3	SE part of quad	42-L			Saucesian			
5886	Santa Barbara	Santa Rosa Island N	233	4	SE part of quad	42-L			Prob. Saucesian			
5887	Santa Barbara	Santa Rosa Island N	233	5	SE part of quad	42-L			barren			
5888	Santa Barbara	Santa Rosa Island N	233	6	SE part of quad	42-L			Miocene			
5889	Santa Barbara	Santa Rosa Island N	233	7	SE part of quad	42-L			Zemorian			
5890	Shasta	Oak Run	234	R-1 etc	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
5891	Shasta	Oak Run	234	2	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
5892	Shasta	Oak Run	234	3	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
5893	Shasta	Oak Run	234	4	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
5894	Shasta	Oak Run	234	5	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
5895	Shasta	Oak Run	234	6	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
5896	Shasta	Oak Run	234	7	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
5897	Shasta	Oak Run	234	8	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
5898	Shasta	Oak Run	234	9	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
5899	Shasta	Oak Run	234	10	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
5900	Shasta	Oak Run	234	11	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
5901	Shasta	Oak Run	234	13	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
5902	Shasta	Oak Run	234	14	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
5903	Shasta	Oak Run	234	15	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
5904	Shasta	Oak Run	234	17	Oak Run Creek	152-J	Millville 15'	not on map	planktic Cret	Solari		
5905	Shasta	Oak Run	234	18	Oak Run Creek	152-J	Millville 15'	not on map	no paleo info	Solari		
5906	Shasta	Oak Run	234	19	Oak Run Creek	152-J	Millville 15'	not on map	Cretaceous	Solari		
5907	Shasta	Oak Run	234	20	Oak Run Creek	152-J	Millville 15'	not on map	planktic Cret	Solari		
5908	Santa Barbara	Santa Rosa Island N	234	1	SE part of quad	42-N	"Pecho Peak"	not on map	barren			
5909	Santa Barbara	Santa Rosa Island N	234	2	SE part of quad	42-N	"Pecho Peak"	not on map	Lower Miocene			
5910	Shasta	Clough Gulch	235	R24	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
5911	Shasta	Clough Gulch	235	R25	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
5912	Shasta	Clough Gulch	235	R26	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
5913	Shasta	Clough Gulch	235	R27	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
5914	Shasta	Clough Gulch	235	R28	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
5915	Shasta	Clough Gulch	235	R29	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
5916	Shasta	Clough Gulch	235	R30	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
5917	Shasta	Clough Gulch	235	R31	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
5918	Shasta	Clough Gulch	235	R32	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
5919	Shasta	Clough Gulch	235	R33	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
5920	Shasta	Clough Gulch	235	R34	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
5921	Shasta	Clough Gulch	235	R35	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
5922	Shasta	Bella Vista	236	R36	Dry Creek	148-M	Millville 15'	not on map	not diagnostic			
5923	Shasta	Bella Vista	236	R37	Dry Creek	148-M	Millville 15'	not on map	not diagnostic			
5924	Shasta	Bella Vista	236	R38	Dry Creek	148-M	Millville 15'	not on map	not diagnostic			
5925	Shasta	Bella Vista	236	R39	Dry Creek	148-N	Millville 15'	not on map	not diagnostic			
5926	Shasta	Bella Vista	236	R40	Dry Creek	148-N	Millville 15'	not on map	not diagnostic			
5927	Shasta	Bella Vista	236	R41	Dry Creek	148-N	Millville 15'	not on map	not diagnostic			
5928	Shasta	Oak Run	237	R43 etc	Little Cow Creek	148-N	Millville 15'	not on map	planktic Cret	Solari		
5929	Shasta	Oak Run	237	44	Little Cow Creek	148-N	Millville 15'	not on map	not diagnostic	Solari		
5930	Shasta	Oak Run	237	45	Little Cow Creek	148-N	Millville 15'	not on map	not diagnostic	Solari		
5931	Shasta	Oak Run	237	46	Little Cow Creek	148-N	Millville 15'	not on map	not diagnostic	Solari		
5932	Shasta	Oak Run	237	47	Little Cow Creek	148-N	Millville 15'	not on map	planktic Cret	Solari		
5933	Shasta	Oak Run	237	48	Little Cow Creek	148-N	Millville 15'	not on map	not diagnostic	Solari		
5934	Shasta	Oak Run	237	49	Little Cow Creek	148-N	Millville 15'	not on map	not diagnostic	Solari		
5935	Shasta	Oak Run	237	50	Little Cow Creek	148-N	Millville 15'	not on map	planktic Cret	Solari		
5936	Shasta	Oak Run	237	51	Little Cow Creek	148-N	Millville 15'	not on map	planktic Cret	Solari		
5937	Shasta	Oak Run	237	52	Little Cow Creek	148-N	Millville 15'	not on map	not diagnostic	Solari		
5938	Santa Barbara	Santa Rosa Island N	237	3	WC part of quad	42-L			Relizian			
5939	Santa Barbara	Santa Rosa Island N	237	4	WC part of quad	42-L			Relizian			
5940	Santa Barbara	Santa Rosa Island N	237	5	WC part of quad	42-L			Relizian			
5941	Santa Barbara	Santa Rosa Island N	237	6	WC part of quad	42-L			Saucesian			
5942	Santa Barbara	Santa Rosa Island N	237	8	WC part of quad	42-L			Saucesian			
5943	Santa Barbara	Santa Rosa Island N	237	9	WC part of quad	42-L			Saucesian			
5944	Santa Barbara	Santa Rosa Island N	237	10	WC part of quad	42-L			Saucesian			
5945	Santa Barbara	Santa Rosa Island N	237	11	WC part of quad	42-L			Saucesian			
5946	Santa Barbara	Santa Rosa Island N	237	12	WC part of quad	42-L			Saucesian			
5947	Santa Barbara	Santa Rosa Island N	237	13	WC part of quad	42-L			Saucesian			
5948	Santa Barbara	Santa Rosa Island N	237	14	WC part of quad	42-L			Saucesian			
5949	Santa Barbara	Santa Rosa Island N	237	15	WC part of quad	42-L			Saucesian			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ONE/SERIES/AGI	COLLECTORS		
5950	Santa Barbara	Santa Rosa Island N	237	16	WC part of quad	42-L			Saucesian			
5951	Santa Barbara	Santa Rosa Island We	237	17	NE part of quad	42-L			Saucesian			
5952	Santa Barbara	Santa Rosa Island N	237	18	WC part of quad	42-L			Saucesian			
5953	Santa Barbara	Santa Rosa Island We	237	20	NE part of quad	42-L			Saucesian			
5954	Santa Barbara	Santa Rosa Island We	237	21	NE part of quad	42-L			Saucesian			
5955	Santa Barbara	Santa Rosa Island We	237	22A	NE part of quad	42-L			barren			
5956	Santa Barbara	Santa Rosa Island We	237	23B	NE part of quad	42-L			barren			
5957	Santa Barbara	Santa Rosa Island We	237	29	NE part of quad	42-L			barren			
5958	Santa Barbara	Santa Rosa Island We	237	31	NE part of quad	42-L			barren			
5959	Santa Barbara	Santa Rosa Island We	237	32	NE part of quad	42-L			U Zemorrian?			
5960	Tehama	Paskenta	238	T1 etc	Thomes Creek	149-C	Paskenta 15'	Have many	Jur?	Solari		
5961	Tehama	Paskenta	238	2	Thomes Creek	149-C	Paskenta 15'	duplicates and	Jur?	Solari		
5962	Tehama	Paskenta	238	3	Thomes Creek	149-C	Paskenta 15'	strat column.	Jur or Cret	Solari		
5963	Tehama	Paskenta	238	4	Thomes Creek	149-C	Paskenta 15'	Only localities	Jur or Cret	Solari		
5964	Tehama	Paskenta	238	5	Thomes Creek	149-C	Paskenta 15'	1-22 are on	Jur or Cret	Solari		
5965	Tehama	Paskenta	238	6	Thomes Creek	149-C	Paskenta 15'	map. Where	Jur or Cret	Solari		
5966	Tehama	Paskenta	238	7	Thomes Creek	149-C	Paskenta 15'	are the rest?	Jur or Cret	Solari		
5967	Tehama	Paskenta	238	8	Thomes Creek	149-C	Paskenta 15'		Jur or Cret	Solari		
5968	Tehama	Paskenta	238	9	Thomes Creek	149-C	Paskenta 15'		Jur or Cret	Solari		
5969	Tehama	Paskenta	238	10	Thomes Creek	149-C	Paskenta 15'		Jur or Cret	Solari		
5970	Tehama	Paskenta	238	11	Thomes Creek	149-C	Paskenta 15'		Jur or Cret	Solari		
5971	Tehama	Paskenta	238	12	Thomes Creek	149-C	Paskenta 15'		Jur or Cret	Solari		
5972	Tehama	Paskenta	238	13	Thomes Creek	149-C	Paskenta 15'		Jur or Cret	Solari		
5973	Tehama	Paskenta	238	14	Thomes Creek	149-C	Paskenta 15'		Jur or Cret	Solari		
5974	Tehama	Paskenta	238	15	Thomes Creek	149-C	Paskenta 15'		Jur or Cret	Solari		
5975	Tehama	Paskenta	238	16	Thomes Creek	149-D	Paskenta 15'		Jur or Cret	Solari		
5976	Tehama	Paskenta	238	17	Thomes Creek	149-D	Paskenta 15'		Jur or Cret	Solari		
5977	Tehama	Paskenta	238	18	Thomes Creek	149-D	Paskenta 15'		Jur or Cret	Solari		
5978	Tehama	Paskenta	238	19	Thomes Creek	149-C	Paskenta 15'		Jur or Cret	Solari		
5979	Tehama	Paskenta	238	20	Thomes Creek	149-D	Paskenta 15'		Jur or Cret	Solari		
5980	Tehama	Paskenta	238	21	Thomes Creek	149-D	Paskenta 15'		Jur or Cret	Solari		
5981	Tehama	Paskenta	238	22	Thomes Creek	149-D	Paskenta 15'		Jur?	Solari		
5982	Tehama	Paskenta	238	23	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
5983	Tehama	Paskenta	238	24	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
5984	Tehama	Paskenta	238	25	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
5985	Tehama	Paskenta	238	26	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
5986	Tehama	Paskenta	238	27	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
5987	Tehama	Paskenta	238	28	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
5988	Tehama	Paskenta	238	29	Thomes Creek	149-A	Paskenta 15'		L Cretaceous	Solari		
5989	Tehama	Paskenta	238	30	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
5990	Tehama	Paskenta	238	31	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
5991	Tehama	Paskenta	238	32	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
5992	Tehama	Paskenta	238	33	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
5993	Tehama	Paskenta	238	34	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
5994	Tehama	Paskenta	238	35	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
5995	Tehama	Paskenta	238	36	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
5996	Tehama	Paskenta	238	37	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
5997	Tehama	Paskenta	238	38	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
5998	Tehama	Paskenta	238	40	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
5999	Tehama	Paskenta	238	41	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
6000	Tehama	Paskenta	238	42	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
6001	Tehama	Paskenta	238	43	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
6002	Tehama	Paskenta	238	44	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
6003	Tehama	Paskenta	238	45	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
6004	Tehama	Paskenta	238	46	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
6005	Tehama	Paskenta	238	47	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
6006	Tehama	Paskenta	238	48	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
6007	Tehama	Paskenta	238	49	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
6008	Tehama	Paskenta	238	50	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
6009	Tehama	Paskenta	238	51	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
6010	Tehama	Paskenta	238	52	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
6011	Tehama	Paskenta	238	53	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
6012	Tehama	Paskenta	238	54	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
6013	Tehama	Paskenta	238	55	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
6014	Tehama	Paskenta	238	56	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
6015	Tehama	Paskenta	238	57	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
6016	Tehama	Paskenta	238	58	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
6017	Tehama	Paskenta	238	59	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
6018	Tehama	Paskenta	238	60	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
6019	Tehama	Paskenta	238	61	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
6020	Tehama	Paskenta	238	62	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
6021	Tehama	Paskenta	238	63	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
6022	Tehama	Paskenta	238	65	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	Solari		
6023	Tehama	Paskenta	238	66	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	Solari		
6024	Tehama	Paskenta	238	67	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	Solari		
6025	Tehama	Paskenta	238	68	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	Solari		
6026	Tehama	Paskenta	238	69	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	Solari		
6027	Tehama	Paskenta	238	70	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	Solari		
6028	Tehama	Paskenta	238	71	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	Solari		
6029	Tehama	Paskenta	238	72	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	Solari		
6030	Tehama	Paskenta	238	73	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	Solari		
6031	Tehama	Paskenta	238	74	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	Solari		
6032	Tehama	Paskenta	238	75	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	Solari		
6033	Tehama	Paskenta	238	76	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	Solari		
6034	Tehama	Paskenta	238	77	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	Solari		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
6205	Santa Barbara	San Marcos Pass	240	14	Oso Canyon	68-G			Middle Eocene			
6206	Santa Barbara	San Marcos Pass	240	15	Oso Canyon	68-G			Middle Eocene			
6207	Santa Barbara	San Marcos Pass	240	16	Oso Canyon	68-G			Middle Eocene			
6208	Santa Barbara	San Marcos Pass	240	17	Oso Canyon	68-G			Middle Eocene			
6209	Santa Barbara	San Marcos Pass	240	18	Oso Canyon	68-G			Middle Eocene			
6210	Santa Barbara	San Marcos Pass	240	19	Oso Canyon	68-G			Middle Eocene			
6211	Santa Barbara	San Marcos Pass	240	20	Oso Canyon	68-G			Middle Eocene			
6212	Santa Barbara	San Marcos Pass	240	21	Oso Canyon	68-G			Middle Eocene			
6213	Santa Barbara	San Marcos Pass	240	22	Oso Canyon	68-G			Middle Eocene			
6214	Santa Barbara	San Marcos Pass	240	23	Oso Canyon	68-G			Middle Eocene			
6215	Santa Barbara	San Marcos Pass	240	24	Oso Canyon	68-G			Middle Eocene			
6216	Santa Barbara	San Marcos Pass	240	25	Oso Canyon	68-G			Middle Eocene			
6217	Santa Barbara	San Marcos Pass	240	26	Oso Canyon	68-G			Middle Eocene			
6218	Santa Barbara	San Marcos Pass	241	1	Oso Canyon	68-G	Have strat column		Middle Eocene			
6219	Santa Barbara	San Marcos Pass	241	2	Oso Canyon	68-G			Middle Eocene			
6220	Santa Barbara	San Marcos Pass	241	3	Oso Canyon	68-G			Middle Eocene			
6221	Santa Barbara	San Marcos Pass	241	4	Oso Canyon	68-G			Middle Eocene			
6222	Santa Barbara	San Marcos Pass	241	5	Oso Canyon	68-G			Middle Eocene			
6223	Santa Barbara	San Marcos Pass	241	6	Oso Canyon	68-G			Middle Eocene			
6224	Santa Barbara	San Marcos Pass	241	7	Oso Canyon	68-G			Middle Eocene			
6225	Santa Barbara	San Marcos Pass	241	8	Oso Canyon	68-G			Middle Eocene			
6226	Santa Barbara	San Marcos Pass	241	9	Oso Canyon	68-G			Middle Eocene			
6227	Santa Barbara	San Marcos Pass	241	10	Oso Canyon	68-G			Middle Eocene			
6228	Santa Barbara	San Marcos Pass	241	11	Oso Canyon	68-G			Middle Eocene			
6229	Yolo	Monticello Dam?	241	P-8 etc	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
6230	Yolo	Monticello Dam?	241	9	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
6231	Yolo	Monticello Dam?	241	11	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
6232	Yolo	Monticello Dam?	241	12	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
6233	Yolo	Monticello Dam?	241	13	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
6234	Yolo	Monticello Dam?	241	14	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
6235	Yolo	Monticello Dam?	241	15	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
6236	Yolo	Monticello Dam?	241	16	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
6237	Yolo	Monticello Dam?	241	17	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
6238	Yolo	Monticello Dam?	241	18	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
6239	Yolo	Monticello Dam?	241	20	Putah Creek	148-G	not on map		U Cret prob G-2	Solari		
6240	Yolo	Monticello Dam?	241	21	Putah Creek	148-G	not on map		U Cret prob G-2	Solari		
6241	Yolo	Monticello Dam?	241	24	Putah Creek	148-G	not on map		U Cret prob G-2	Solari		
6242	Yolo	Monticello Dam?	241	26	Putah Creek	148-G	not on map		U Cret prob G-1	Solari		
6243	Yolo	Monticello Dam?	241	27	Putah Creek	148-G	not on map		U Cret prob G-1	Solari		
6244	Yolo	Monticello Dam?	241	28	Putah Creek	148-G	not on map		U Cret prob G-1	Solari		
6245	Yolo	Monticello Dam?	241	29	Putah Creek	148-G	not on map		U Cret prob G-1	Solari		
6246	Yolo	Monticello Dam?	241	30	Putah Creek	148-G	not on map		U Cret prob G-1	Solari		
6247	Yolo	Monticello Dam?	241	33	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
6248	Yolo	Monticello Dam?	241	35	Putah Creek	148-G	not on map		U Cretaceous	Solari		
6249	Yolo	Monticello Dam?	241	37	Putah Creek	148-G	not on map		U Cretaceous	Solari		
6250	Yolo	Monticello Dam?	241	38	Putah Creek	148-G	not on map		U Cretaceous	Solari		
6251	Yolo	Monticello Dam?	241	39	Putah Creek	148-G	not on map		U Cretaceous	Solari		
6252	Yolo	Monticello Dam?	241	40	Putah Creek	148-G	not on map		U Cretaceous	Solari		
6253	Yolo	Glascock Mtn	242	C-1 etc	Cache Creek	148-A	Morgan Valley 15'	Have check list	U Cret G-2 zone	Clark & G		
6254	Yolo	Glascock Mtn	242	2	Cache Creek	148-A	Morgan Valley 15'	strat column	U Cret G-2 zone	Clark & G		
6255	Yolo	Glascock Mtn	242	3	Cache Creek	148-A	Morgan Valley 15'	and	U Cret G-2 zone	Clark & G		
6256	Yolo	Glascock Mtn	242	4	Cache Creek	148-B	Morgan Valley 15'	index map for	U Cret G-2 zone	Clark & G		
6257	Yolo	Glascock Mtn	242	5	Cache Creek	148-B	Morgan Valley 15'	localities	U Cret G-2 zone	Clark & G		
6258	Yolo	Glascock Mtn	242	6	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6259	Yolo	Glascock Mtn	242	7	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6260	Yolo	Glascock Mtn	242	8	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6261	Yolo	Glascock Mtn	242	9	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6262	Yolo	Glascock Mtn	242	10	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6263	Yolo	Glascock Mtn	242	11	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6264	Yolo	Glascock Mtn	242	12	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6265	Yolo	Glascock Mtn	242	13	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6266	Yolo	Glascock Mtn	242	14	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6267	Yolo	Glascock Mtn	242	15	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6268	Yolo	Glascock Mtn	242	16	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6269	Yolo	Glascock Mtn	242	17	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6270	Yolo	Glascock Mtn	242	19	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6271	Yolo	Glascock Mtn	242	20	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6272	Yolo	Glascock Mtn	242	21	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6273	Yolo	Glascock Mtn	242	22	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6274	Yolo	Glascock Mtn	242	23	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6275	Yolo	Glascock Mtn	242	24	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6276	Yolo	Glascock Mtn	242	25	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6277	Yolo	Glascock Mtn	242	26	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6278	Yolo	Glascock Mtn	242	27	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6279	Yolo	Glascock Mtn	242	28	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6280	Yolo	Glascock Mtn	242	29	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6281	Yolo	Glascock Mtn	242	30	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6282	Yolo	Glascock Mtn	242	31	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6283	Yolo	Glascock Mtn	242	32	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6284	Yolo	Glascock Mtn	242	33	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6285	Yolo	Glascock Mtn	242	34	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6286	Yolo	Glascock Mtn	242	35	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6287	Yolo	Glascock Mtn	242	36	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6288	Yolo	Glascock Mtn	242	37	Cache Creek	148-B	Morgan Valley 15'		U Cret G-2 zone	Clark & G		
6289	Yolo	Glascock Mtn	242	44	Cache Creek	148-B	Morgan Valley 15'		Upper Cret H zone	Clark & G		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
6545	Kern	Topatopa Mountains	243	21	Sespe Creek area	26-J			Eocene			
6546	Kern	Topatopa Mountains	243	22	Sespe Creek area	26-J			Eocene			
6547	Kern	Topatopa Mountains	243	25	Sespe Creek area	26-J			Eocene			
6548	Kern	Topatopa Mountains	243	26	Sespe Creek area	26-J			Eocene			
6549	Kern	Topatopa Mountains	243	28	Sespe Creek area	26-J			Eocene			
6550	Kern	Topatopa Mountains	243	29	Sespe Creek area	26-J			Eocene			
6551	Ventura	Topatopa Mountains	243		Sespe Creek area	A-1			assemblage slide			
6552	Ventura	Topatopa Mountains	244	1	Sespe Creek area	54-I			Miocene			
6553	Ventura	Topatopa Mountains	244	2	Sespe Creek area	54-I			Miocene			
6554	Ventura	Topatopa Mountains	244	3	Sespe Creek area	54-I			Miocene			
6555	Ventura	Topatopa Mountains	244	4	Sespe Creek area	54-I			Miocene			
6556	Ventura	Topatopa Mountains	244	5	Sespe Creek area	54-I			Miocene			
6557	Ventura	Topatopa Mountains	244	7	Sespe Creek area	54-I			Miocene			
6558	Ventura	Topatopa Mountains	244	8	Sespe Creek area	54-I			Miocene			
6559	Ventura	Topatopa Mountains	244	9	Sespe Creek area	54-I			Miocene			
6560	Ventura	Topatopa Mountains	244	10	Sespe Creek area	54-I			Miocene			
6561	Ventura	Topatopa Mountains	244	12	Sespe Creek area	54-I			Miocene			
6562	Ventura	Topatopa Mountains	244	14	Sespe Creek area	54-I			Miocene			
6563	Ventura	Topatopa Mountains	244	15	Sespe Creek area	54-I			Miocene			
6564	Ventura	Topatopa Mountains	244	16	Sespe Creek area	54-I			Miocene			
6565	Ventura	Topatopa Mountains	244	17	Sespe Creek area	54-I			Miocene			
6566	Ventura	Topatopa Mountains	244	18A	Sespe Creek area	54-I			Miocene			
6567	Ventura	Topatopa Mountains	244	18B	Sespe Creek area	54-I			Miocene			
6568	Ventura	Topatopa Mountains	244	18C	Sespe Creek area	54-I			Miocene			
6569	Ventura	Topatopa Mountains	244	18D	Sespe Creek area	54-I			Miocene			
6570	Santa Barbara	Point Conception	244		near Pt Conception	A-1	marine Sespe	not on map	Oligocene?			
6571	Glenn	Rail Canyon	244	213	W of Logan Creek	150-I	Lodoga 15'		U Cret poss H zone	Solari		
6572	Glenn	Rail Canyon	244	214	W of Logan Creek	150-I	Lodoga 15'		U Cret poss H zone	Solari		
6573	Glenn	Rail Canyon	244	215	W of Logan Creek	150-I	Lodoga 15'		U Cret poss H zone	Solari		
6574	Glenn	Rail Canyon	244	216	W of Logan Creek	150-I	Lodoga 15'		U Cret poss H zone	Solari		
6575	Glenn	Rail Canyon	244	217	W of Logan Creek	150-I	Lodoga 15'		U Cret poss H zone	Solari		
6576	Glenn	Rail Canyon	244	218	W of Logan Creek	150-I	Lodoga 15'		U Cret poss H zone	Solari		
6577	Santa Barbara	Topatopa Mountains	245	1	Sespe Creek area	26-J	Loc 245 also in		no paleo info			
6578	Santa Barbara	Topatopa Mountains	245	2	Sespe Creek area	26-J	Santa Cruz		no paleo info			
6579	Santa Barbara	Topatopa Mountains	245	3	Sespe Creek area	26-J	Island A. Not sure		no paleo info			
6580	Santa Barbara	Topatopa Mountains	245	6	Sespe Creek area	26-J	where these		no paleo info			
6581	Santa Barbara	Topatopa Mountains	245	11	Sespe Creek area	26-J	slides belong		no paleo info			
6582	Santa Barbara	Topatopa Mountains	245	12	Sespe Creek area	26-J			no paleo info			
6583	Santa Barbara	Topatopa Mountains	245	13	Sespe Creek area	26-J			no paleo info			
6584	Santa Barbara	Topatopa Mountains	245	14	Sespe Creek area	26-J			no paleo info			
6585	Santa Barbara	Topatopa Mountains	245	15	Sespe Creek area	26-J			no paleo info			
6586	Santa Barbara	Topatopa Mountains	245	16	Sespe Creek area	26-J			no paleo info			
6587	Santa Barbara	Topatopa Mountains	245	16A	Sespe Creek area	26-J			no paleo info			
6588	Santa Barbara	Topatopa Mountains	245	18	Sespe Creek area	26-J			no paleo info			
6589	Santa Barbara	Topatopa Mountains	245	23	Sespe Creek area	26-J			no paleo info			
6590	Santa Barbara	Topatopa Mountains	245	25	Sespe Creek area	26-J			no paleo info			
6591	Glenn	Rail Canyon	245	1	W of Logan Creek	150-B	Lodoga 15'	Duplicate	L Cret J-1 zone	Gilbert		
6592	Glenn	Rail Canyon	245	2	W of Logan Creek	150-B	Lodoga 15'	numbers are	L Cret J-1 zone	Gilbert		
6593	Glenn	Rail Canyon	245	3	W of Logan Creek	150-B	Lodoga 15'	for Rail Canyon	L Cret J-1 zone	Gilbert		
6594	Glenn	Rail Canyon	245	4	W of Logan Creek	150-B	Lodoga 15'	and Grapevine	L Cret J-1 zone	Gilbert		
6595	Glenn	Rail Canyon	245	5	W of Logan Creek	150-B	Lodoga 15'	areas south of	L Cret J-1 zone	Gilbert		
6596	Glenn	Rail Canyon	245	6	W of Logan Creek	150-B	Lodoga 15'	Logan Creek	L Cret J-1 zone	Gilbert		
6597	Glenn	Rail Canyon	245	7	W of Logan Creek	150-B	Lodoga 15'	See list below.	L Cret J-1 zone	Gilbert		
6598	Glenn	Rail Canyon	245	8	W of Logan Creek	150-B	Lodoga 15'	Have strat	L Cret J-1 zone	Gilbert		
6599	Glenn	Rail Canyon	245	9	W of Logan Creek	150-B	Lodoga 15'	column	L Cret J-1 zone	Gilbert		
6600	Glenn	Rail Canyon	245	10	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6601	Glenn	Rail Canyon	245	11	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6602	Glenn	Rail Canyon	245	12	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6603	Glenn	Rail Canyon	245	13	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6604	Glenn	Rail Canyon	245	15	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6605	Glenn	Rail Canyon	245	16	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6606	Glenn	Rail Canyon	245	17	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6607	Glenn	Rail Canyon	245	18	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6608	Glenn	Rail Canyon	245	19	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6609	Glenn	Rail Canyon	245	23	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6610	Glenn	Rail Canyon	245	24	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6611	Glenn	Rail Canyon	245	25	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6612	Glenn	Rail Canyon	245	26	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6613	Glenn	Rail Canyon	245	27	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6614	Glenn	Rail Canyon	245	28	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6615	Glenn	Rail Canyon	245	29	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6616	Glenn	Rail Canyon	245	30	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6617	Glenn	Rail Canyon	245	33	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6618	Glenn	Rail Canyon	245	34	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6619	Glenn	Rail Canyon	245	35	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6620	Glenn	Rail Canyon	245	36	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6621	Glenn	Rail Canyon	245	37	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6622	Glenn	Rail Canyon	245	38	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6623	Glenn	Rail Canyon	245	40	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6624	Glenn	Rail Canyon	245	43	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6625	Glenn	Rail Canyon	245	44	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6626	Glenn	Rail Canyon	245	45	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6627	Glenn	Rail Canyon	245	46	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6628	Glenn	Rail Canyon	245	47	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
6629	Glenn	Rail Canyon	245	48	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
7225	Santa Barbara	Santa Cruz Island A	247	7	N of Morse Point	42-L	strat column		Upper Eocene			
7226	Santa Barbara	Santa Cruz Island A	247	9	N of Morse Point	42-L	strat column		Upper Eocene			
7227	Santa Barbara	Santa Cruz Island A	247	12	N of Morse Point	42-L	strat column		not diagnostic			
7228	Santa Barbara	Santa Cruz Island A	247	13	N of Morse Point	42-L	strat column		Sauc/ Relizian			
7229	Santa Barbara	Santa Cruz Island A	247	15	N of Morse Point	42-L	strat column		Sauc/ Relizian			
7230	Santa Barbara	Santa Cruz Island A	247	16	N of Morse Point	42-L	strat column		Sauc/ Relizian			
7231	Santa Barbara	Santa Cruz Island A	248	1	N of Morse Point	42-L	strat column		Eocene			
7232	Santa Barbara	Santa Cruz Island A	248	2	N of Morse Point	42-L	strat column		Eocene			
7233	Santa Barbara	Santa Cruz Island A	248	7	N of Morse Point	42-L	strat column		Sauc/ Relizian			
7234	Santa Barbara	Santa Cruz Island A	248	9	N of Morse Point	43-I	strat column		no paleo info			
7235	Santa Barbara	Santa Cruz Island A	248	29	N of Morse Point	43-I	strat column		no paleo info			
7236	Santa Barbara	Santa Cruz Island A	248	30	N of Morse Point	43-I	strat column		no paleo info			
7237	Santa Barbara	Santa Cruz Island A	248	14	N of Morse Point	42-M	strat column		no paleo info			
7238	Santa Barbara	Santa Cruz Island A	248	24	N of Morse Point	42-M	strat column		no paleo info			
7239	Santa Barbara	Santa Rosa Island S	249	2	NE corner of quad	42-I	strat column		Saucesian			
7240	Santa Barbara	Santa Rosa Island S	249	3	NE corner of quad	42-I	strat column		Saucesian			
7241	Santa Barbara	Santa Rosa Island S	249	4	NE corner of quad	42-I	strat column		Saucesian			
7242	Santa Barbara	Santa Rosa Island S	250	2	NE corner of quad	42-M			Saucesian			
7243	Santa Barbara	Santa Rosa Island S	250	3	NE corner of quad	42-M			Saucesian			
7244	Santa Barbara	Santa Rosa Island S	250	5	NE corner of quad	42-M			Saucesian			
7245	Santa Barbara	Santa Rosa Island S	250	6A	NE corner of quad	42-M			Saucesian			
7246	Santa Barbara	Santa Rosa Island S	250	7	NE corner of quad	42-M			Saucesian			
7247	Santa Barbara	Santa Rosa Island S	250	8	NE corner of quad	42-M			Saucesian			
7248	Santa Barbara	Santa Rosa Island N?	251	1	not on map	42-M	strat column		Sauc/ Relizian			
7249	Santa Barbara	Santa Rosa Island N?	251	5	not on map	42-M	strat column		Saucesian/Relizian			
7250	Santa Barbara	Santa Rosa Island S	254	9	WC part of quad	42-M			Upper Saucesian	Barlow &		
7251	Santa Barbara	Santa Rosa Island S	254	10	WC part of quad	42-M			barren			
7252	Santa Barbara	Santa Rosa Island S	254	11	WC part of quad	42-M			Upper Saucesian			
7253	Santa Barbara	Santa Rosa Island S	254	12	WC part of quad	42-M			Upper Saucesian			
7254	Santa Barbara	Santa Rosa Island S	254	13	WC part of quad	42-M			Upper Saucesian			
7255	Santa Barbara	Santa Rosa Island S	254	14	WC part of quad	42-M			Upper Saucesian			
7256	Santa Barbara	Santa Rosa Island S	255	1	not on map	20-L		Pecten	Miocene			
7257	Santa Barbara	Santa Rosa Island S	255	2	not on map	42-M			Upper Miocene			
7258	Santa Barbara	Santa Rosa Island S	255	5	not on map	42-M			not diagnostic			
7259	Santa Barbara	Santa Rosa Island S	255	6A	not on map	42-M			Upper Miocene			
7260	Santa Barbara	Santa Rosa Island S	255	6B	not on map	20-L			no paleo info			
7261	Santa Barbara	Santa Rosa Island S	255	7	not on map	42-M			L or M Miocene			
7262	Santa Barbara	Santa Rosa Island S	255	8	not on map	42-M			L or M Miocene			
7263	Santa Barbara	Santa Rosa Island S	255	9	not on map	42-M			Relizian			
7264	Santa Barbara	Santa Rosa Island S	256	1	not on map	42-M	strat column		Saucesian	Thompson		
7265	Santa Barbara	Santa Rosa Island S	256	3	not on map	42-M	strat column		Saucesian			
7266	Santa Barbara	Santa Rosa Island S	256	4	not on map	42-M	strat column		Saucesian			
7267	Santa Barbara	Santa Rosa Island S	256	5	not on map	42-M	strat column		Saucesian			
7268	Santa Barbara	Santa Rosa Island S	256	6	not on map	42-M	strat column		Saucesian			
7269	Santa Barbara	Santa Rosa Island S	256	7	not on map	42-M	strat column		Relizian			
7270	Santa Barbara	Santa Cruz Island C	258	1	Chinese Harbor	42-N	strat column		Mohnian			
7271	Santa Barbara	Santa Cruz Island C	258	2	Chinese Harbor	42-N	strat column		Mohnian			
7272	Santa Barbara	Santa Cruz Island C	258	3	Chinese Harbor	42-N	strat column		Mohnian			
7273	Santa Barbara	Santa Cruz Island C	258	4	Chinese Harbor	42-N	strat column		Mohnian			
7274	Santa Barbara	Santa Cruz Island C	258	6	Chinese Harbor	42-N	strat column		Mohnian			
7275	Santa Barbara	Santa Cruz Island C	258	9	Chinese Harbor	42-N	strat column		Mohnian			
7276	Santa Barbara	Santa Cruz Island C	258	11	Chinese Harbor	42-N	strat column		Mohnian			
7277	Santa Barbara	Santa Cruz Island C	258	12	Chinese Harbor	42-N	strat column		Mohnian			
7278	Santa Barbara	Santa Cruz Island C	258	22	Chinese Harbor	42-N	strat column		Mohnian			
7279	Santa Barbara	Santa Cruz Island C	258	23	Chinese Harbor	42-N	strat column		Mohnian			
7280	Santa Barbara	Santa Cruz Island C	258	25	Chinese Harbor	42-N	strat column		Luisian			
7281	Santa Barbara	Santa Cruz Island C	258	26	Chinese Harbor	42-N	strat column		Luisian			
7282	Santa Barbara	Santa Cruz Island C	258	27	Chinese Harbor	42-N	strat column		Luisian			
7283	Santa Barbara	Santa Cruz Island C	258	28	Chinese Harbor	42-N	strat column		Luisian			
7284	Santa Barbara	Santa Cruz Island C	258	29	Chinese Harbor	42-N	strat column		Luisian			
7285	Santa Barbara	San Miguel Island Eas	259	1	Cuyler Harbor area	34-N			Upper Eocene			
7286	Santa Barbara	San Miguel Island Eas	259	4	Cuyler Harbor area	34-N			barren			
7287	Santa Barbara	San Miguel Island Eas	259	6	Cuyler Harbor area	34-N			Upper Eocene			
7288	Santa Barbara	San Miguel Island Eas	259	7	Cuyler Harbor area	34-N			Upper Eocene			
7289	Santa Barbara	San Miguel Island Eas	259	8	Cuyler Harbor area	34-N			Upper Eocene			
7290	Santa Barbara	San Miguel Island Eas	259	9	Cuyler Harbor area	34-N			Upper Eocene			
7291	Santa Barbara	San Miguel Island Eas	259	10	Cuyler Harbor area	34-N			Upper Eocene			
7292	Santa Barbara	San Miguel Island Eas	259	11	Cuyler Harbor area	34-N			Upper Eocene			
7293	Santa Barbara	San Miguel Island Wet	260	1	Simonton Cove	34-N	have strat column		Lower Eocene			
7294	Santa Barbara	San Miguel Island Wet	260	2	Simonton Cove	34-N	filed # 9279		Lower Eocene			
7295	Santa Barbara	San Miguel Island Wet	260	3	Simonton Cove	34-N			Lower Eocene			
7296	Santa Barbara	San Miguel Island Wet	260	4	Simonton Cove	34-N			Lower Eocene			
7297	Santa Barbara	San Miguel Island Wet	260	5	Simonton Cove	34-N			Lower Eocene			
7298	Santa Barbara	San Miguel Island Wet	260	6	Simonton Cove	34-N			Lower Eocene			
7299	Santa Barbara	San Miguel Island Wet	260	7	Simonton Cove	34-N			Lower Eocene			
7300	Santa Barbara	San Miguel Island Wet	260	8	Simonton Cove	34-N			Lower Eocene			
7301	Santa Barbara	San Miguel Island Wet	260	9	Simonton Cove	34-N			Lower Eocene			
7302	Santa Barbara	San Miguel Island Wet	260	10	Simonton Cove	34-N			Lower Eocene			
7303	Santa Barbara	San Miguel Island Wet	260	11	Simonton Cove	34-N			Lower Eocene			
7304	Santa Barbara	San Miguel Island Wet	260	12	Simonton Cove	34-N			Lower Eocene			
7305	Santa Barbara	San Miguel Island Wet	260	13	Simonton Cove	34-N			Lower Eocene			
7306	Ventura	Point Magu	261	1	At Point Magu	25-C			no paleo info			
7307	Ventura	Point Magu	261	2	At Point Magu	25-C			no paleo info			
7308	Ventura	Point Magu	261	3	At Point Magu	25-C			no paleo info			
7309	Ventura	Point Magu	261	4	At Point Magu	25-C			no paleo info			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
7480	Santa Barbara	Santa Cruz Island A	267	164	SE part of quad	43-N			Lower Eocene			
7481	Santa Barbara	Santa Cruz Island A	267	165	SE part of quad	43-N			Lower Eocene			
7482	Santa Barbara	Santa Cruz Island A	267	166	SE part of quad	43-N			Lower Eocene			
7483	Santa Barbara	Santa Cruz Island A	267	167	SE part of quad	43-N			Lower Eocene			
7484	Santa Barbara	Santa Cruz Island A	267	168	SE part of quad	44-A			Lower Eocene			
7485	Santa Barbara	Santa Cruz Island A	267	169	SE part of quad	44-A			Lower Eocene			
7486	Santa Barbara	Santa Cruz Island A	267	170	SE part of quad	44-A			Lower Eocene			
7487	Santa Barbara	Santa Cruz Island A	267	171	SE part of quad	44-A			Lower Eocene			
7488	Santa Barbara	Santa Cruz Island A	267	172	SE part of quad	44-A			Lower Eocene			
7489	Santa Barbara	Santa Cruz Island A	267	173	SE part of quad	44-A			Lower Eocene			
7490	Santa Barbara	Santa Cruz Island A	267	174	SE part of quad	44-A			Lower Eocene			
7491	Santa Barbara	Santa Cruz Island A	267	175	SE part of quad	44-A			Lower Eocene			
7492	Santa Barbara	Santa Cruz Island A	267	176	SE part of quad	44-A			Lower Eocene			
7493	Santa Barbara	Santa Cruz Island A	267	177	SE part of quad	44-A			Middle Eocene			
7494	Santa Barbara	Santa Cruz Island A	267	178	SE part of quad	44-A			Middle Eocene			
7495	Santa Barbara	Santa Cruz Island A	267	179	SE part of quad	44-A			Middle Eocene			
7496	Santa Barbara	Santa Cruz Island A	267	180	SE part of quad	44-A			Middle Eocene			
7497	Santa Barbara	Santa Cruz Island A	267	181	SE part of quad	44-A			Middle Eocene			
7498	Santa Barbara	Santa Cruz Island A	267	182	SE part of quad	44-A			Middle Eocene			
7499	Santa Barbara	Santa Cruz Island A	267	183	SE part of quad	44-A			Middle Eocene			
7500	Santa Barbara	Santa Cruz Island A	267	184	SE part of quad	44-A			Middle Eocene			
7501	Santa Barbara	Santa Cruz Island A	267	185	SE part of quad	44-A			Middle Eocene			
7502	Santa Barbara	Santa Cruz Island A	267	186	SE part of quad	44-A			Middle Eocene			
7503	Santa Barbara	Santa Cruz Island A	267	187	SE part of quad	44-A			Middle Eocene			
7504	Santa Barbara	Santa Cruz Island A	267	188	SE part of quad	44-A			Middle Eocene			
7505	Santa Barbara	Santa Cruz Island A	267	189	SE part of quad	44-A			Middle Eocene			
7506	Santa Barbara	Santa Cruz Island A	267	190	SE part of quad	44-A			Middle Eocene			
7507	Santa Barbara	Santa Cruz Island A	267	191	SE part of quad	44-A			Middle Eocene			
7508	Santa Barbara	Santa Cruz Island A	267	192	SE part of quad	44-A			Middle Eocene			
7509	Santa Barbara	Santa Cruz Island A	267	193	SE part of quad	44-A			Middle Eocene			
7510	Santa Barbara	Santa Cruz Island A	267	194	SE part of quad	44-A			Middle Eocene			
7511	Santa Barbara	Santa Cruz Island A	267	195	SE part of quad	44-A			Middle Eocene			
7512	Santa Barbara	Santa Cruz Island A	267	196	SE part of quad	44-A			Middle Eocene			
7513	Fresno	Tumey Hills?	267	*10-2	N of Panoche Ck	F-14	Uncertain how far	strat column	Eocene	Weddle		
7514	Fresno	Tumey Hills?	267	*10-5	N of Panoche Ck	F-14	north of Panoche	see loc 169	Eocene	Weddle		
7515	Fresno	Tumey Hills?	267	*10-6	N of Panoche Ck	F-14	Creek this section		Eocene	Weddle		
7516	Fresno	Tumey Hills?	267	*10-7	N of Panoche Ck	F-14	is located. No		Eocene	Weddle		
7517	Fresno	Tumey Hills?	267	*10-8	N of Panoche Ck	F-14	localities on map.		Eocene	Weddle		
7518	Fresno	Tumey Hills?	267	*10-9	N of Panoche Ck	F-14	Possibly all		Eocene	Weddle		
7519	Fresno	Tumey Hills?	267	*10-10	N of Panoche Ck	F-14	Section 10		Eocene	Weddle		
7520	Fresno	Tumey Hills?	267	*10-11	N of Panoche Ck	F-14			Eocene	Weddle		
7521	Fresno	Tumey Hills?	267	*10-12	N of Panoche Ck	F-14			Eocene	Weddle		
7522	Fresno	Tumey Hills?	267	*10-13	N of Panoche Ck	F-14			Eocene	Weddle		
7523	Fresno	Tumey Hills?	267	*10-14	N of Panoche Ck	F-14			Eocene	Weddle		
7524	Fresno	Tumey Hills?	267	*10-15	N of Panoche Ck	F-14			Eocene	Weddle		
7525	Fresno	Tumey Hills?	267	*10-16	N of Panoche Ck	F-14			Eocene	Weddle		
7526	Fresno	Tumey Hills?	267	*10-17	N of Panoche Ck	F-14			Eocene	Weddle		
7527	Kern	Emigrant Hill	269	630	Wagonwheel Mtn	F-3	ft above Lucina		no paleo info	Rist		
7528	Kern	Emigrant Hill	269	620	Wagonwheel Mtn	F-3	reef		no paleo info			
7529	Kern	Emigrant Hill	269	600	Wagonwheel Mtn	F-3	but not on map		no paleo info			
7530	Kern	Emigrant Hill	269	250	Wagonwheel Mtn	F-3			no paleo info			
7531	Kern	Emigrant Hill	269	230	Wagonwheel Mtn	F-3			no paleo info			
7532	Kern	Emigrant Hill	269	170	Wagonwheel Mtn	F-3			no paleo info			
7533	Santa Barbara	San Marcos Pass	269	2	SE part of quad	11-J	strat column		Middle Eocene			
7534	Santa Barbara	San Marcos Pass	269	3	SE part of quad	11-J	strat column		Middle Eocene			
7535	Santa Barbara	San Marcos Pass	269	4	SE part of quad	11-J	strat column		Middle Eocene			
7536	Santa Barbara	San Marcos Pass	269	5	SE part of quad	11-J	strat column		Middle Eocene			
7537	Santa Barbara	San Marcos Pass	269	6	SE part of quad	11-J	strat column		Middle Eocene			
7538	Santa Barbara	San Marcos Pass	269	7	SE part of quad	11-J	strat column		Middle Eocene			
7539	Santa Barbara	San Marcos Pass	269	10	SE part of quad	11-J	strat column		Middle Eocene			
7540	Santa Barbara	San Marcos Pass	269	11	SE part of quad	11-J	strat column		Middle Eocene			
7541	Santa Barbara?	San Marcos Pass	270	2	Camino Cielo	11-J			no paleo info			
7542	Santa Barbara?	San Marcos Pass	270	5	Camino Cielo	11-J			no paleo info			
7543	Santa Barbara?	Lake Cachuma	270	6	Camino Cielo	11-J			no paleo info			
7544	Santa Barbara?	Lake Cachuma	270	7	Camino Cielo	11-J			no paleo info			
7545	Santa Barbara?	Lake Cachuma	270	10	Camino Cielo	11-J			no paleo info			
7546	Santa Barbara?	Lake Cachuma	270	11	Camino Cielo	11-J			no paleo info			
7547	Santa Barbara?	Lake Cachuma	270	12	Camino Cielo	11-J			no paleo info			
7548	Santa Barbara?	Lake Cachuma	270	14	Camino Cielo	11-J			no paleo info			
7549	Santa Barbara?	Lake Cachuma	270	15	Camino Cielo	11-J			no paleo info			
7550	Santa Barbara?	Lake Cachuma	270	16	Camino Cielo	11-J			no paleo info			
7551	Contra Costa	Brentwood	271	2	Mt Diablo area	51-1	Location and ages		U Cret C/D-1 zone	Solari		
7552	Contra Costa	Brentwood	271	4	Mt Diablo area	51-1	from strat column		U Cret C/D-1 zone	Solari		
7553	Contra Costa	Brentwood	271	5	Mt Diablo area	51-1			U Cret C/D-1 zone	Solari		
7554	Contra Costa	Brentwood	271	6	Mt Diablo area	51-1			U Cret C/D-1 zone	Solari		
7555	Contra Costa	Brentwood	271	7	Mt Diablo area	51-1			U Cret C/D-1 zone	Solari		
7556	Contra Costa	Brentwood	271	9	Mt Diablo area	51-1			U Cret C/D-1 zone	Solari		
7557	Contra Costa	Brentwood	271	10	Mt Diablo area	51-1			U Cret C/D-1 zone	Solari		
7558	Contra Costa	Brentwood	271	11	Mt Diablo area	51-1			U Cret C/D-1 zone	Solari		
7559	Contra Costa	Brentwood	271	12	Mt Diablo area	51-1			U Cret C/D-1 zone	Solari		
7560	Contra Costa	Brentwood	271	21	Mt Diablo area	51-1			U Cret C/D-1 zone	Solari		
7561	Contra Costa	Brentwood	271	22	Mt Diablo area	51-1			U Cret C/D-1 zone	Solari		
7562	Contra Costa	Brentwood	271	23	Mt Diablo area	51-1			U Cret C/D-1 zone	Solari		
7563	Contra Costa	Brentwood	271	25	Mt Diablo area	51-1			U Cret C/D-1 zone	Solari		
7564	Contra Costa	Brentwood	271	28	Mt Diablo area	51-1			U Cret C/D-1 zone	Solari		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
7565	Contra Costa	Brentwood	271	29	Mt Diablo area	51-I			U Cret C/D-1 zone	Solari		
7566	Contra Costa	Brentwood	271	30	Mt Diablo area	51-I			U Cret C/D-1 zone	Solari		
7567	Contra Costa	Brentwood	271	32	Mt Diablo area	51-I			U Cret D-2 zone	Solari		
7568	Contra Costa	Brentwood	271	33	Mt Diablo area	51-I			U Cret D-2 zone	Solari		
7569	Contra Costa	Brentwood	271	36	Mt Diablo area	51-I			U Cret D-2 zone	Solari		
7570	Contra Costa	Brentwood	271	37	Mt Diablo area	51-I			U Cret D-2 zone	Solari		
7571	Contra Costa	Brentwood	271	38	Mt Diablo area	51-I			U Cret D-2 zone	Solari		
7572	Contra Costa	Brentwood	271	39	Mt Diablo area	51-I			U Cret D-2 zone	Solari		
7573	Contra Costa	Brentwood	271	40	Mt Diablo area	51-I			U Cret D-2 zone	Solari		
7574	Contra Costa	Brentwood	271	41	Mt Diablo area	51-I			U Cret D-2 zone	Solari		
7575	Contra Costa	Brentwood	271	42	Mt Diablo area	51-J			U Cret D-2 zone	Solari		
7576	Contra Costa	Brentwood	271	43	Mt Diablo area	51-J			U Cret D-2 zone	Solari		
7577	Contra Costa	Brentwood	271	44	Mt Diablo area	51-J			U Cret D-2 zone	Solari		
7578	Contra Costa	Brentwood	271	45	Mt Diablo area	51-J			U Cret D-2 zone	Solari		
7579	Contra Costa	Brentwood	271	46	Mt Diablo area	51-J			U Cret D-2 zone	Solari		
7580	Contra Costa	Brentwood	271	47	Mt Diablo area	51-J			U Cret D-2 zone	Solari		
7581	Contra Costa	Brentwood	271	48	Mt Diablo area	51-J			U Cret D-2 zone	Solari		
7582	Contra Costa	Brentwood	271	49	Mt Diablo area	51-J			U Cret E zone	Solari		
7583	Contra Costa	Brentwood	271	50	Mt Diablo area	51-J			U Cret E zone	Solari		
7584	Contra Costa	Brentwood	271	51	Mt Diablo area	51-J			U Cret E zone	Solari		
7585	Contra Costa	Brentwood	271	52	Mt Diablo area	51-J			U Cret E zone	Solari		
7586	Contra Costa	Brentwood	271	53	Mt Diablo area	51-J			U Cret E zone	Solari		
7587	Contra Costa	Brentwood	271	54	Mt Diablo area	51-J			U Cret E zone	Solari		
7588	Contra Costa	Brentwood	271	55	Mt Diablo area	51-J			U Cret E zone	Solari		
7589	Contra Costa	Brentwood	271	56	Mt Diablo area	51-J			U Cret E zone	Solari		
7590	Contra Costa	Brentwood	271	57	Mt Diablo area	51-J			U Cret E zone	Solari		
7591	Contra Costa	Brentwood	271	58	Mt Diablo area	51-J			U Cret E zone	Solari		
7592	Santa Barbara	Little Pine Mountain	271	1	near Gibraltar Dam	25-D			Luisian			
7593	Santa Barbara	Little Pine Mountain	271	2	near Gibraltar Dam	25-D			Luisian			
7594	Contra Costa	Antioch South	272	1	Mt Diablo area	51-J			Upper Cretaceous	Solari		
7595	Contra Costa	Antioch South	272	2	Mt Diablo area	51-J	have strat column		Upper Cretaceous	Solari		
7596	Contra Costa	Antioch South	272	3	Mt Diablo area	51-J			Upper Cretaceous	Solari		
7597	Contra Costa	Antioch South	272	4	Mt Diablo area	51-J			Upper Cretaceous	Solari		
7598	Contra Costa	Antioch South	272	5	Mt Diablo area	51-J			Upper Cretaceous	Solari		
7599	Contra Costa	Antioch South	272	6	Mt Diablo area	51-J			Upper Cretaceous	Solari		
7600	Contra Costa	Antioch South	272	7	Mt Diablo area	51-J			Upper Cretaceous	Solari		
7601	Contra Costa	Antioch South	272	8	Mt Diablo area	51-J			Upper Cretaceous	Solari		
7602	Contra Costa	Antioch South	272	9	Mt Diablo area	51-J			Upper Cretaceous	Solari		
7603	Contra Costa	Antioch South	272	10	Mt Diablo area	51-J			Upper Cretaceous	Solari		
7604	Contra Costa	Antioch South	272	11	Mt Diablo area	51-J			Upper Cretaceous	Solari		
7605	Contra Costa	Antioch South	272	12	Mt Diablo area	51-J			Upper Cretaceous	Solari		
7606	Contra Costa	Antioch South	272	13	Mt Diablo area	51-J			Upper Cretaceous	Solari		
7607	Contra Costa	Antioch South	272	14	Mt Diablo area	51-J			Upper Cretaceous	Solari		
7608	Contra Costa	Antioch South	272	15	Mt Diablo area	51-J			Upper Cretaceous	Solari		
7609	Contra Costa	Antioch South	272	16	Mt Diablo area	51-J			U Cret F or G zone	Solari		
7610	Contra Costa	Antioch South	272	22	Mt Diablo area	51-J			U Cret F or G zone	Solari		
7611	Contra Costa	Antioch South	272	24	Mt Diablo area	51-J			U Cret F or G zone	Solari		
7612	Contra Costa	Antioch South	272	25	Mt Diablo area	51-J			U Cret F or G zone	Solari		
7613	Contra Costa	Antioch South	272	28	Mt Diablo area	51-J			U Cret F or G zone	Solari		
7614	Contra Costa	Antioch South	272	29	Mt Diablo area	51-J			U Cret F or G zone	Solari		
7615	Contra Costa	Antioch South	272	31	Mt Diablo area	51-J			U Cret F or G zone	Solari		
7616	Contra Costa	Antioch South	272	32	Mt Diablo area	51-J			U Cret F or G zone	Solari		
7617	Contra Costa	Antioch South	272	33	Mt Diablo area	51-J			U Cret F or G zone	Solari		
7618	Contra Costa	Antioch South	272	35	Mt Diablo area	51-J			U Cret G-2 zone	Solari		
7619	Contra Costa	Antioch South	272	36	Mt Diablo area	51-J			U Cret G-2 zone	Solari		
7620	Contra Costa	Antioch South	272	38	Mt Diablo area	51-J			U Cret G-2 zone	Solari		
7621	Contra Costa	Antioch South	272	39	Mt Diablo area	51-J			not diagnostic	Solari		
7622	Contra Costa	Antioch South	272	50	Mt Diablo area	51-J			not diagnostic	Solari		
7623	Contra Costa	Antioch South	272	51	Mt Diablo area	51-J			not diagnostic	Solari		
7624	Contra Costa	Antioch South	272	54	Mt Diablo area	51-J			not diagnostic	Solari		
7625	Contra Costa	Antioch South	272	55	Mt Diablo area	51-J			not diagnostic	Solari		
7626	Contra Costa	Antioch South	272	58	Mt Diablo area	51-J			not diagnostic	Solari		
7627	Contra Costa	Antioch South	272	61	Mt Diablo area	51-J			not diagnostic	Solari		
7628	Contra Costa	Antioch South	272	65	Mt Diablo area	51-J			not diagnostic	Solari		
7629	Contra Costa	Antioch South	272	68	Mt Diablo area	51-J			not diagnostic	Solari		
7630	Contra Costa	Antioch South	272	71	Mt Diablo area	51-J			not diagnostic	Solari		
7631	Contra Costa	Antioch South	272	72	Mt Diablo area	51-J			not diagnostic	Solari		
7632	Contra Costa	Antioch South?	273	2	Mt Diablo area	51-J			Cret	Solari		
7633	Contra Costa	Antioch South?	273	3	Mt Diablo area	51-J			Cret	Solari		
7634	Contra Costa	Antioch South?	273	4	Mt Diablo area	51-J			Cret	Solari		
7635	Contra Costa	Antioch South?	273	5	Mt Diablo area	51-K			Cret	Solari		
7636	Contra Costa	Antioch South?	273	6	Mt Diablo area	51-K			Cret	Solari		
7637	Contra Costa	Antioch South?	273	7	Mt Diablo area	51-K			Cret	Solari		
7638	Contra Costa	Antioch South?	273	8	Mt Diablo area	51-K			Cret	Solari		
7639	Contra Costa	Antioch South?	273	9	Mt Diablo area	51-K			Cret	Solari		
7640	Contra Costa	Antioch South?	273	10	Mt Diablo area	51-K			Cret	Solari		
7641	Contra Costa	Antioch South?	273	11	Mt Diablo area	51-K			Cret	Solari		
7642	Contra Costa	Antioch South?	273	12	Mt Diablo area	51-K			Cret	Solari		
7643	Contra Costa	Antioch South?	273	12RW	Mt Diablo area	51-K			Cret	Solari		
7644	Ventura	Piru	273	1	Hopper Canyon	9-N			no paleo info			
7645	Ventura	Piru	273	3	Hopper Canyon	9-N			no paleo info			
7646	Ventura	Piru	273	4	Hopper Canyon	9-N			Miocene			
7647	Ventura	Piru	273	5	Hopper Canyon	9-N			no paleo info			
7648	Ventura	Piru	273	13	Hopper Canyon	9-N			Miocene			
7649	Ventura	Piru	273	14	Hopper Canyon	9-N			no paleo info			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5 QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
7650	Ventura	Piru	273	16	Hopper Canyon	9-N			Miocene			
7651	Ventura	Piru	273	17	Hopper Canyon	9-N			Miocene			
7652	Ventura	Piru	273	19	Hopper Canyon	9-N			no paleo info			
7653	Ventura	Piru	273	20	Hopper Canyon	9-N			no paleo info			
7654	Ventura	Piru	273	21	Hopper Canyon	9-N			no paleo info			
7655	Ventura	Piru	273	23	Hopper Canyon	9-N			no paleo info			
7656	Ventura	Piru	273	25	Hopper Canyon	9-N			no paleo info			
7657	Ventura	Piru	273	27	Hopper Canyon	9-N			no paleo info			
7658	Kern	Careros Rocks	276	1 slide	Zemorra Creek	F-1	5/29S/20E	picked slide	no paleo info			
7659	Los Angeles	Los Angeles	281	1	Monterey Pass Rd	65-D	Have strat column		no paleo info			
7660	Los Angeles	Los Angeles	281	2	Monterey Pass Rd	65-D	but no ages. Prob		no paleo info			
7661	Los Angeles	Los Angeles	281	3	Monterey Pass Rd	65-D	Miocene or Pliocene		no paleo info			
7662	Los Angeles	Los Angeles	281	4	Monterey Pass Rd	65-D	Repetto Fm. Have		no paleo info			
7663	Los Angeles	Los Angeles	281	5	Monterey Pass Rd	65-D	report on many		no paleo info			
7664	Los Angeles	Los Angeles	281	6	Monterey Pass Rd	65-D	planktic forams in		no paleo info			
7665	Los Angeles	Los Angeles	281	7	Monterey Pass Rd	65-D	these samples.		no paleo info			
7666	Los Angeles	Los Angeles	281	8	Monterey Pass Rd	65-D	Also have genera		no paleo info			
7667	Los Angeles	Los Angeles	281	9	Monterey Pass Rd	65-D	cards		no paleo info			
7668	Los Angeles	Los Angeles	281	10	Monterey Pass Rd	65-D			no paleo info			
7669	Los Angeles	Los Angeles	281	11	Monterey Pass Rd	65-D			no paleo info			
7670	Los Angeles	Los Angeles	281	12	Monterey Pass Rd	65-D			no paleo info			
7671	Los Angeles	Los Angeles	281	13	Monterey Pass Rd	65-D			no paleo info			
7672	Los Angeles	Los Angeles	281	14	Monterey Pass Rd	65-D			no paleo info			
7673	Los Angeles	Los Angeles	281	15	Monterey Pass Rd	65-D			no paleo info			
7674	Los Angeles	Los Angeles	281	16	Monterey Pass Rd	65-D			no paleo info			
7675	Los Angeles	Los Angeles	281	17	Monterey Pass Rd	65-D			no paleo info			
7676	Los Angeles	Los Angeles	281	18	Monterey Pass Rd	65-D			no paleo info			
7677	Los Angeles	Los Angeles	281	19	Monterey Pass Rd	65-D			no paleo info			
7678	Los Angeles	Los Angeles	281	20	Monterey Pass Rd	65-D			no paleo info			
7679	Los Angeles	Los Angeles	281	21	Monterey Pass Rd	65-D			no paleo info			
7680	Los Angeles	Los Angeles	281	22	Monterey Pass Rd	65-D			no paleo info			
7681	Los Angeles	Los Angeles	281	23	Monterey Pass Rd	65-D			no paleo info			
7682	Los Angeles	Los Angeles	281	24	Monterey Pass Rd	65-D			no paleo info			
7683	Los Angeles	Los Angeles	281	25	Monterey Pass Rd	65-D			no paleo info			
7684	Los Angeles	Los Angeles	281	26	Monterey Pass Rd	65-D			no paleo info			
7685	Los Angeles	Los Angeles	281	27	Monterey Pass Rd	65-D			no paleo info			
7686	Los Angeles	Los Angeles	281	28	Monterey Pass Rd	65-D			no paleo info			
7687	Los Angeles	Los Angeles	281	29	Monterey Pass Rd	65-D			no paleo info			
7688	Los Angeles	Los Angeles	281	30	Monterey Pass Rd	65-D			no paleo info			
7689	Los Angeles	Los Angeles	281	31	Monterey Pass Rd	65-D			no paleo info			
7690	Los Angeles	Los Angeles	281	32	Monterey Pass Rd	65-D			no paleo info			
7691	Los Angeles	Los Angeles	281	33	Monterey Pass Rd	65-D			no paleo info			
7692	Los Angeles	Los Angeles	281	34	Monterey Pass Rd	65-D			no paleo info			
7693	Los Angeles	Los Angeles	281	35	Monterey Pass Rd	65-D			no paleo info			
7694	Los Angeles	Los Angeles	281	36	Monterey Pass Rd	65-D			no paleo info			
7695	Los Angeles	Los Angeles	281	38	Monterey Pass Rd	65-D			no paleo info			
7696	Los Angeles	Los Angeles	281	40	Monterey Pass Rd	65-D			no paleo info			
7697	Los Angeles	Los Angeles	281	41	Monterey Pass Rd	65-D			no paleo info			
7698	Los Angeles	Los Angeles	281	42	Monterey Pass Rd	65-D			no paleo info			
7699	Los Angeles	Los Angeles	281	43	Monterey Pass Rd	65-D			no paleo info			
7700	Los Angeles	Los Angeles	281	44	Monterey Pass Rd	65-D			no paleo info			
7701	Los Angeles	Los Angeles	281	45	Monterey Pass Rd	65-D			no paleo info			
7702	Los Angeles	Los Angeles	281	46	Monterey Pass Rd	65-D			no paleo info			
7703	Los Angeles	Los Angeles	281	47	Monterey Pass Rd	65-D			no paleo info			
7704	Los Angeles	Los Angeles	281	48	Monterey Pass Rd	65-D			no paleo info			
7705	Los Angeles	Los Angeles	281	49	Monterey Pass Rd	65-D			no paleo info			
7706	Los Angeles	Los Angeles	281	50	Monterey Pass Rd	65-D			no paleo info			
7707	Los Angeles	Los Angeles	281	51	Monterey Pass Rd	65-D			no paleo info			
7708	Los Angeles	Los Angeles	281	52	Monterey Pass Rd	65-D			no paleo info			
7709	Los Angeles	Los Angeles	281	53	Monterey Pass Rd	65-D			no paleo info			
7710	Los Angeles	Los Angeles	281	54	Monterey Pass Rd	65-D			no paleo info			
7711	Los Angeles	Los Angeles	281	55	Monterey Pass Rd	65-D			no paleo info			
7712	Los Angeles	Los Angeles	281	61	Monterey Pass Rd	65-D			no paleo info			
7713	Los Angeles	Los Angeles	281	62	Monterey Pass Rd	65-D			no paleo info			
7714	Los Angeles	Los Angeles	281	71	Monterey Pass Rd	65-D			no paleo info			
7715	Los Angeles	Los Angeles	281	72	Monterey Pass Rd	65-D			no paleo info			
7716	Los Angeles	Los Angeles	281	73-1	Monterey Pass Rd	65-D			no paleo info			
7717	Los Angeles	Los Angeles	281	73-2	Monterey Pass Rd	65-D			no paleo info			
7718	Los Angeles	Los Angeles	281	73-3	Monterey Pass Rd	65-D			no paleo info			
7719	Los Angeles	Los Angeles	281	74	Monterey Pass Rd	65-D			no paleo info			
7720	Los Angeles	Los Angeles	281	75	Monterey Pass Rd	65-D			no paleo info			
7721	Los Angeles	Los Angeles	281	76	Monterey Pass Rd	65-D			no paleo info			
7722	Los Angeles	Los Angeles	281	77	Monterey Pass Rd	65-F			no paleo info			
7723	Los Angeles	Los Angeles	281	78	Monterey Pass Rd	65-F			no paleo info			
7724	Los Angeles	Los Angeles	281	79	Monterey Pass Rd	65-F			no paleo info			
7725	Los Angeles	Los Angeles	281	80	Monterey Pass Rd	65-F			no paleo info			
7726	Los Angeles	Los Angeles	281	81	Monterey Pass Rd	65-F			no paleo info			
7727	Los Angeles	Los Angeles	281	82	Monterey Pass Rd	65-F			no paleo info			
7728	Los Angeles	Los Angeles	281	82-1	Monterey Pass Rd	65-F			no paleo info			
7729	Los Angeles	Los Angeles	281	82-2	Monterey Pass Rd	65-F			no paleo info			
7730	Los Angeles	Los Angeles	281	83	Monterey Pass Rd	65-F			no paleo info			
7731	Los Angeles	Los Angeles	281	84	Monterey Pass Rd	65-F			no paleo info			
7732	Los Angeles	Los Angeles	281	85	Monterey Pass Rd	65-F			no paleo info			
7733	Los Angeles	Los Angeles	281	86	Monterey Pass Rd	65-F			no paleo info			
7734	Los Angeles	Los Angeles	281	87	Monterey Pass Rd	65-F			no paleo info			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
7820	Los Angeles	Los Angeles	281	441	Monterey Pass	64-M			no paleo info			
7821	Los Angeles	Los Angeles	281	442	Monterey Pass	64-M			no paleo info			
7822	Los Angeles	Los Angeles	281	443	Monterey Pass	64-M			no paleo info			
7823	Los Angeles	Los Angeles	281	444	Monterey Pass	64-M			no paleo info			
7824	Los Angeles	Los Angeles	281	445	Monterey Pass	64-M			no paleo info			
7825	Los Angeles	Los Angeles	281	446	Monterey Pass	64-M			no paleo info			
7826	Los Angeles	Los Angeles	281	447	Monterey Pass	64-M			no paleo info			
7827	Los Angeles	Los Angeles	281	448	Monterey Pass	64-M			no paleo info			
7828	Los Angeles	Los Angeles	281	449	Monterey Pass	64-M			no paleo info			
7829	Los Angeles	Los Angeles	281	450	Monterey Pass	64-M			no paleo info			
7830	Los Angeles	Los Angeles	281	451	Monterey Pass	64-M			no paleo info			
7831	Los Angeles	Los Angeles	281	452	Monterey Pass	64-M			no paleo info			
7832	Los Angeles	Los Angeles	281	452	Monterey Pass	74-B			no paleo info			
7833	Los Angeles	Los Angeles	281	453	Monterey Pass	64-M			no paleo info			
7834	Los Angeles	Los Angeles	281	454	Monterey Pass	64-M			no paleo info			
7835	Los Angeles	Los Angeles	281	455	Monterey Pass	64-M			no paleo info			
7836	Los Angeles	Los Angeles	281	456	Monterey Pass	64-M			no paleo info			
7837	Los Angeles	Los Angeles	281	457	Monterey Pass	64-M			no paleo info			
7838	Los Angeles	Los Angeles	281	458	Monterey Pass	64-M			no paleo info			
7839	Los Angeles	Los Angeles	281	459	Monterey Pass	64-M			no paleo info			
7840	Los Angeles	Los Angeles	281	460	Monterey Pass	64-M			no paleo info			
7841	Los Angeles	Los Angeles	281	461	Monterey Pass	64-M			no paleo info			
7842	Los Angeles	Los Angeles	281	462	Monterey Pass	64-M			no paleo info			
7843	Los Angeles	Los Angeles	281	463	Monterey Pass	64-M			no paleo info			
7844	Los Angeles	Los Angeles	281	464	Monterey Pass	64-M			no paleo info			
7845	Los Angeles	Los Angeles	281	465	Monterey Pass	64-M			no paleo info			
7846	Los Angeles	Los Angeles	281	466	Monterey Pass	64-M			no paleo info			
7847	Los Angeles	Los Angeles	281	467	Monterey Pass	64-M			no paleo info			
7848	Los Angeles	Los Angeles	281	305		123-A			no paleo info			
7849	Los Angeles	Los Angeles	281	343		123-A			no paleo info			
7850	Contra Costa	Vine Hill?	283	X-1	Pacheco syn	F-1	22/2N/2W	not on map	Eocene			
7851	Contra Costa	Vine Hill?	283	X-3	Pacheco syn	F-1	Arnold Hwy		Eocene			
7852	Contra Costa	Vine Hill?	283	X-4	Pacheco syn	F-1			Eocene			
7853	Contra Costa	Vine Hill?	283	X-5	Pacheco syn	F-1			Eocene			
7854	Contra Costa	Antioch South	284	M-3	Meganos D	F-1	20/1N/1E		not diagnostic			
7855	Contra Costa	Antioch South	284	M-21	Meganos D	F-1			Eocene			
7856	Contra Costa	Antioch South	284	M-24	Meganos D	F-1			Eocene			
7857	Contra Costa	Antioch South	284	M-30	Meganos D	F-1			Eocene			
7858	Ventura	Point Magu	284	2	EC part of quad	2-M			no paleo info			
7859	Ventura	Point Magu	284	3	EC part of quad	2-M			no paleo info			
7860	Ventura	Point Magu	284	4	EC part of quad	2-M			no paleo info			
7861	Ventura	Point Magu	284	5	EC part of quad	2-M			no paleo info			
7862	Ventura	Point Magu	284	6	EC part of quad	2-M			no paleo info			
7863	Ventura	Point Magu	284	7	EC part of quad	2-M			no paleo info			
7864	Ventura	Point Magu	284	8	EC part of quad	2-M			no paleo info			
7865	Ventura	Point Magu	284	9	EC part of quad	2-M			no paleo info			
7866	Ventura	Point Magu	284	12	EC part of quad	2-M			no paleo info			
7867	Ventura	Point Magu	284	13	EC part of quad	2-M			no paleo info			
7868	Ventura	Point Magu	284	14	EC part of quad	2-M			no paleo info			
7869	Ventura	Point Magu	284	15	EC part of quad	2-M			no paleo info			
7870	Ventura	Point Magu	284	16	EC part of quad	2-M			no paleo info			
7871	Ventura	Point Magu	284	17	EC part of quad	2-M			no paleo info			
7872	Ventura	Point Magu	284	18	EC part of quad	2-M			no paleo info			
7873	Ventura	Point Magu	284	19	EC part of quad	2-M			no paleo info			
7874	Ventura	Point Magu	284	21	EC part of quad	2-M			no paleo info			
7875	Ventura	Point Magu	284	22	EC part of quad	2-M			no paleo info			
7876	Ventura	Point Magu	284	23	EC part of quad	2-M			no paleo info			
7877	Ventura	Point Magu	284	25	EC part of quad	2-M			no paleo info			
7878	Ventura	Point Magu	284	26	EC part of quad	2-M			no paleo info			
7879	Ventura	Point Magu	285	2	NE part of quad	25-C			Saucesian/Relizian			
7880	Ventura	Point Magu	285	3	NE part of quad	25-C			Saucesian/Relizian			
7881	Ventura	Point Magu	285	4	NE part of quad	25-C			not diagnostic			
7882	Ventura	Point Magu	285	19	NE part of quad	25-C			Miocene			
7883	Ventura	Point Magu	285	30	NE part of quad	25-C			not diagnostic			
7884	Ventura	Camarillo	285	60	Broome Ranch	25-C			Middle Miocene			
7885	Ventura	Camarillo	285	64	Broome Ranch	25-C			Middle Miocene			
7886	Fresno	Garza Peak	285	7	trib to Canoas Ck	46-F	No paleo but		no paleo info			
7887	Fresno	Garza Peak	285	8	trib to Canoas Ck	46-F	sanples are from		no paleo info			
7888	Fresno	Garza Peak	285	10	trib to Canoas Ck	46-F	McClure and		no paleo info			
7889	Fresno	Garza Peak	285	13	trib to Canoas Ck	46-F	Reef Ridge Fms,		no paleo info			
7890	Fresno	Garza Peak	285	17	trib to Canoas Ck	46-F	Miocene		no paleo info			
7891	Fresno	Garza Peak	285	18	trib to Canoas Ck	46-F			no paleo info			
7892	Fresno	Garza Peak	285	19	trib to Canoas Ck	46-F			no paleo info			
7893	Fresno	Garza Peak	285	20	trib to Canoas Ck	46-F			no paleo info			
7894	Fresno	Garza Peak	285	21	trib to Canoas Ck	46-F			no paleo info			
7895	Fresno	Garza Peak	285	22	trib to Canoas Ck	46-G			no paleo info			
7896	Fresno	Garza Peak	285	73	trib to Canoas Ck	46-G			no paleo info			
7897	Fresno	Garza Peak	285	74	trib to Canoas Ck	46-G			no paleo info			
7898	Fresno	Garza Peak	285	77	trib to Canoas Ck	46-G			no paleo info			
7899	Fresno	Garza Peak	285	79	trib to Canoas Ck	46-G			no paleo info			
7900	Fresno	Garza Peak	285	82	trib to Canoas Ck	46-G			no paleo info			
7901	Fresno	Garza Peak	285	84	trib to Canoas Ck	46-G			no paleo info			
7902	Fresno	Garza Peak	285	85	trib to Canoas Ck	46-G			no paleo info			
7903	Fresno	Garza Peak	285	94	trib to Canoas Ck	46-G			no paleo info			
7904	Fresno	Garza Peak	285	98	trib to Canoas Ck	46-G			no paleo info			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
7905	Fresno	Garza Peak	285	99	trib to Canoas Ck	46-G			no paleo info			
7906	Fresno	Garza Peak	285	100	trib to Canoas Ck	46-G			no paleo info			
7907	Fresno	Garza Peak	285	103	trib to Canoas Ck	46-G			no paleo info			
7908	Fresno	Garza Peak	285	108	trib to Canoas Ck	46-G			no paleo info			
7909	Fresno	Garza Peak	285	109	trib to Canoas Ck	46-G			no paleo info			
7910	Fresno	Garza Peak	285	111	trib to Canoas Ck	46-G			no paleo info			
7911	Fresno	Garza Peak	285	112	trib to Canoas Ck	46-G			no paleo info			
7912	Fresno	Garza Peak	285	114	trib to Canoas Ck	46-G			no paleo info			
7913	Fresno	Garza Peak	285	115	trib to Canoas Ck	46-G			no paleo info			
7914	Fresno	Garza Peak	285	119	trib to Canoas Ck	46-G			no paleo info			
7915	Fresno	Garza Peak	285	121	trib to Canoas Ck	46-G			no paleo info			
7916	Fresno	Garza Peak	285	123	trib to Canoas Ck	46-G			no paleo info			
7917	Fresno	Garza Peak	285	124	trib to Canoas Ck	46-G			no paleo info			
7918	Fresno	Garza Peak	285	126	trib to Canoas Ck	46-G			no paleo info			
7919	Fresno	Garza Peak	285	127	trib to Canoas Ck	46-G			no paleo info			
7920	Fresno	Garza Peak	285	136	trib to Canoas Ck	46-G			no paleo info			
7921	Los Angeles	Trifuno Pass	289	8	Mulholland Dr	26-L			Relizian			
7922	Los Angeles	Trifuno Pass	290	2	Mulholland Dr	26-L			Miocene			
7923	Los Angeles	Trifuno Pass	290	3	Mulholland Dr	26-L			Miocene			
7924	Los Angeles	Trifuno Pass	290	4	Mulholland Dr	26-L			Miocene			
7925	Los Angeles	Trifuno Pass	290	5	Mulholland Dr	26-L			Miocene			
7926	Los Angeles	Trifuno Pass	291	6	Los Alisos Cyn	18-N			not diagnostic			
7927	Los Angeles	Trifuno Pass	291	7	Los Alisos Cyn	18-N			not diagnostic			
7928	Los Angeles	Trifuno Pass	291	8	Los Alisos Cyn	18-N			not diagnostic			
7929	Los Angeles	Trifuno Pass	291	11	Los Alisos Cyn	18-N			not diagnostic			
7930	Los Angeles	Trifuno Pass	291	18	Los Alisos Cyn	18-N			Relizian			
7931	Los Angeles	Trifuno Pass	291	19	Los Alisos Cyn	18-N			Relizian			
7932	Los Angeles	Trifuno Pass	291	20	Los Alisos Cyn	18-N			Relizian			
7933	Los Angeles	Trifuno Pass	291	21	Los Alisos Cyn	18-N			Relizian			
7934	Los Angeles	Trifuno Pass	291	22	Los Alisos Cyn	18-N			Relizian			
7935	Los Angeles	Trifuno Pass	291	23	Los Alisos Cyn	18-N			Sauc/Relizian			
7936	Los Angeles	Trifuno Pass	291	24	Los Alisos Cyn	18-N			Sauc/Relizian			
7937	Solano	Mount Vaca	293	1	Mix Canyon	90-H	Have strat column		Upper Cretaceous			
7938	Solano	Mount Vaca	293	2	Mix Canyon	90-H	Paleo mostly		Upper Cretaceous			
7939	Solano	Mount Vaca	293	4	Mix Canyon	90-H	sparse but includes		Upper Cretaceous			
7940	Solano	Mount Vaca	293	5	Mix Canyon	90-H	some planktics		Upper Cretaceous			
7941	Solano	Mount Vaca	293	6	Mix Canyon	90-H			Upper Cretaceous			
7942	Solano	Mount Vaca	293	7	Mix Canyon	90-H			Upper Cretaceous			
7943	Solano	Mount Vaca	293	8	Mix Canyon	90-H			Upper Cretaceous			
7944	Solano	Mount Vaca	293	9	Mix Canyon	90-H			Upper Cretaceous			
7945	Solano	Mount Vaca	293	10	Mix Canyon	90-H			Upper Cretaceous			
7946	Solano	Mount Vaca	293	11	Mix Canyon	90-H			Upper Cretaceous			
7947	Solano	Mount Vaca	293	13	Mix Canyon	90-H			Upper Cretaceous			
7948	Solano	Mount Vaca	293	14	Mix Canyon	90-H			Upper Cretaceous			
7949	Solano	Mount Vaca	293	15	Mix Canyon	90-H			Upper Cretaceous			
7950	Solano	Mount Vaca	293	16	Mix Canyon	90-H			Upper Cretaceous			
7951	Solano	Mount Vaca	293	17	Mix Canyon	90-H			Upper Cretaceous			
7952	Solano	Mount Vaca	293	18	Mix Canyon	90-H			Upper Cretaceous			
7953	Solano	Mount Vaca	293	19	Mix Canyon	90-H			Upper Cretaceous			
7954	Solano	Mount Vaca	293	20	Mix Canyon	90-H			Upper Cretaceous			
7955	Solano	Mount Vaca	293	21	Mix Canyon	90-H			Upper Cretaceous			
7956	Solano	Mount Vaca	293	22	Mix Canyon	90-H			Upper Cretaceous			
7957	Solano	Mount Vaca	293	23	Mix Canyon	90-H			Upper Cretaceous			
7958	Solano	Mount Vaca	293	24	Mix Canyon	90-H			Upper Cretaceous			
7959	Solano	Mount Vaca	293	25	Mix Canyon	90-H			Upper Cretaceous			
7960	Solano	Mount Vaca	293	26	Mix Canyon	90-H			Upper Cretaceous			
7961	Solano	Mount Vaca	293	27	Mix Canyon	90-H			Upper Cretaceous			
7962	Solano	Mount Vaca	293	28	Mix Canyon	90-H			Upper Cretaceous			
7963	Solano	Mount Vaca	293	29	Mix Canyon	90-H			Upper Cretaceous			
7964	Solano	Mount Vaca	293	30	Mix Canyon	90-H			Upper Cretaceous			
7965	Solano	Mount Vaca	293	31	Mix Canyon	90-H			Upper Cretaceous			
7966	Solano	Mount Vaca	293	32	Mix Canyon	90-H			Upper Cretaceous			
7967	Solano	Mount Vaca	293	33	Mix Canyon	90-H			Upper Cretaceous			
7968	Solano	Mount Vaca	293	34	Mix Canyon	90-H			Upper Cretaceous			
7969	Solano	Mount Vaca	293	35	Mix Canyon	90-H			Upper Cretaceous			
7970	Solano	Mount Vaca	293	36	Mix Canyon	90-H			Upper Cretaceous			
7971	Solano	Mount Vaca	293	37	Mix Canyon	90-H			Upper Cretaceous			
7972	Solano	Mount Vaca	293	38	Mix Canyon	90-H			Upper Cretaceous			
7973	Solano	Mount Vaca	293	39	Mix Canyon	90-H			Upper Cretaceous			
7974	Solano	Mount Vaca	293	40	Mix Canyon	90-H			Upper Cretaceous			
7975	Solano	Mount Vaca	293	41	Mix Canyon	90-H			Upper Cretaceous			
7976	Solano	Mount Vaca	293	42	Mix Canyon	90-H			Upper Cretaceous			
7977	Solano	Mount Vaca	293	43	Mix Canyon	90-H			Upper Cretaceous			
7978	Solano	Mount Vaca	293	44	Mix Canyon	90-H			Upper Cretaceous			
7979	Solano	Mount Vaca	293	49	Mix Canyon	90-H			Upper Cretaceous			
7980	Solano	Mount Vaca	293	50	Mix Canyon	90-H			Upper Cretaceous			
7981	Solano	Mount Vaca	293	51	Mix Canyon	90-H			Upper Cretaceous			
7982	Solano	Mount Vaca	293	52	Mix Canyon	90-H			Upper Cretaceous			
7983	Solano	Mount Vaca	293	53	Mix Canyon	90-H			Upper Cretaceous			
7984	Solano	Mount Vaca	293	54	Mix Canyon	90-H			Upper Cretaceous			
7985	Solano	Mount Vaca	293	55	Mix Canyon	90-H			Upper Cretaceous			
7986	Solano	Mount Vaca	293	56	Mix Canyon	90-H			Upper Cretaceous			
7987	Solano	Mount Vaca	293	57	Mix Canyon	90-H			Upper Cretaceous			
7988	Solano	Mount Vaca	293	58	Mix Canyon	90-H			Upper Cretaceous			
7989	Solano	Mount Vaca	293	59	Mix Canyon	90-H			Upper Cretaceous			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
7990	Solano	Mount Vaca	293	60	Mix Canyon	90-H			Upper Cretaceous			
7991	Solano	Mount Vaca	293	61	Mix Canyon	90-H			Upper Cretaceous			
7992	Solano	Mount Vaca	293	62	Mix Canyon	90-H			Upper Cretaceous			
7993	Solano	Mount Vaca	293	66	Mix Canyon	90-H			Upper Cretaceous			
7994	Solano	Mount Vaca	293	67	Mix Canyon	90-H			Upper Cretaceous			
7995	Solano	Mount Vaca	293	70	Mix Canyon	90-H			Upper Cretaceous			
7996	Solano	Mount Vaca	293	71	Mix Canyon	90-H			Upper Cretaceous			
7997	Solano	Mount Vaca	293	72	Mix Canyon	90-H			Upper Cretaceous			
7998	Solano	Mount Vaca	293	77	Mix Canyon	90-I			Upper Cretaceous			
7999	Solano	Mount Vaca	293	78	Mix Canyon	90-I			Upper Cretaceous			
8000	Solano	Mount Vaca	293	79	Mix Canyon	90-I			Upper Cretaceous			
8001	Solano	Mount Vaca	293	80	Mix Canyon	90-I			Upper Cretaceous			
8002	Solano	Mount Vaca	293	81	Mix Canyon	90-I			Upper Cretaceous			
8003	Solano	Mount Vaca	293	82	Mix Canyon	90-I			Upper Cretaceous			
8004	Solano	Mount Vaca	293	83	Mix Canyon	90-I			Upper Cretaceous			
8005	Solano	Mount Vaca	293	84	Mix Canyon	90-I			Upper Cretaceous			
8006	Solano	Mount Vaca	293	85	Mix Canyon	90-I			Upper Cretaceous			
8007	Solano	Mount Vaca	293	86	Mix Canyon	90-I			Upper Cretaceous			
8008	Solano	Mount Vaca	293	87	Mix Canyon	90-I			Upper Cretaceous			
8009	Solano	Mount Vaca	293	88	Mix Canyon	90-I			Upper Cretaceous			
8010	Solano	Mount Vaca	293	89	Mix Canyon	90-I			Upper Cretaceous			
8011	Solano	Mount Vaca	293	90	Mix Canyon	90-I			Upper Cretaceous			
8012	Solano	Mount Vaca	293	92	Mix Canyon	90-I			Upper Cretaceous			
8013	Solano	Mount Vaca	293	94	Mix Canyon	90-I			Upper Cretaceous			
8014	Solano	Mount Vaca	293	95	Mix Canyon	90-I			Upper Cretaceous			
8015	Solano	Mount Vaca	293	97	Mix Canyon	90-I			Upper Cretaceous			
8016	Solano	Mount Vaca	293	99	Mix Canyon	90-I			Upper Cretaceous			
8017	Solano	Mount Vaca	293	100	Mix Canyon	90-I			Upper Cretaceous			
8018	Solano	Mount Vaca	293	101	Mix Canyon	90-I			Upper Cretaceous			
8019	Solano	Mount Vaca	293	102	Mix Canyon	90-I			Upper Cretaceous			
8020	Solano	Mount Vaca	293	104	Mix Canyon	90-I			Upper Cretaceous			
8021	Solano	Mount Vaca	293	105	Mix Canyon	90-I			Upper Cretaceous			
8022	Solano	Mount Vaca	293	110	Mix Canyon	90-I			Upper Cretaceous			
8023	Solano	Mount Vaca	293	111	Mix Canyon	90-I			Upper Cretaceous			
8024	Solano	Mount Vaca	293	115	Mix Canyon	90-I			Upper Cretaceous			
8025	Solano	Mount Vaca	293	116	Mix Canyon	90-I			Upper Cretaceous			
8026	Solano	Mount Vaca	293	117	Mix Canyon	90-I			Upper Cretaceous			
8027	Solano	Mount Vaca	293	118	Mix Canyon	90-I			Upper Cretaceous			
8028	Solano	Mount Vaca	293	119	Mix Canyon	90-I			Upper Cretaceous			
8029	Solano	Mount Vaca	293	120	Mix Canyon	90-I			Upper Cretaceous			
8030	Solano	Mount Vaca	293	121	Mix Canyon	90-I			Upper Cretaceous			
8031	Solano	Mount Vaca	293	128	Mix Canyon	90-I			Upper Cretaceous			
8032	Solano	Mount Vaca	293	129	Mix Canyon	90-I			Upper Cretaceous			
8033	Solano	Mount Vaca	293	131	Mix Canyon	90-I			Upper Cretaceous			
8034	Solano	Mount Vaca	293	132	Mix Canyon	90-I			Upper Cretaceous			
8035	Solano	Mount Vaca	293	135	Mix Canyon	90-I			Upper Cretaceous			
8036	Solano	Mount Vaca	293	136	Mix Canyon	90-I			Upper Cretaceous			
8037	Solano	Mount Vaca	293	138	Mix Canyon	90-I			Upper Cretaceous			
8038	Solano	Mount Vaca	293	157	Mix Canyon	90-I			Upper Cretaceous			
8039	Solano	Mount Vaca	293	158	Mix Canyon	90-I			Upper Cretaceous			
8040	Solano	Mount Vaca	293	159	Mix Canyon	90-I			Upper Cretaceous			
8041	Solano	Mount Vaca	293	161	Mix Canyon	90-I			Upper Cretaceous			
8042	Solano	Mount Vaca	293	162	Mix Canyon	90-I			Upper Cretaceous			
8043	Solano	Mount Vaca	293	165	Mix Canyon	90-I			Upper Cretaceous			
8044	Solano	Mount Vaca	293	166	Mix Canyon	90-I			Upper Cretaceous			
8045	Solano	Mount Vaca	293	168	Mix Canyon	90-I			Upper Cretaceous			
8046	Solano	Mount Vaca	293	169	Mix Canyon	90-I			Upper Cretaceous			
8047	Solano	Mount Vaca	293	171	Mix Canyon	90-I			Upper Cretaceous			
8048	Solano	Mount Vaca	293	172	Mix Canyon	90-I			Upper Cretaceous			
8049	Solano	Mount Vaca	293	175	Mix Canyon	90-I			Upper Cretaceous			
8050	Solano	Mount Vaca	293	176	Mix Canyon	90-I			Upper Cretaceous			
8051	Solano	Mount Vaca	293	183	Mix Canyon	90-I			Upper Cretaceous			
8052	Solano	Mount Vaca	293	185	Mix Canyon	90-I			Upper Cretaceous			
8053	Solano	Mount Vaca	293	187	Mix Canyon	90-I			Upper Cretaceous			
8054	Solano	Mount Vaca	293	191	Mix Canyon	90-I			Upper Cretaceous			
8055	Solano	Mount Vaca	293	200	Mix Canyon	90-I			Upper Cretaceous			
8056	Solano	Mount Vaca	293	201	Mix Canyon	90-I			Upper Cretaceous			
8057	Solano	Mount Vaca	293	203	Mix Canyon	90-J			Upper Cretaceous			
8058	Los Angeles	Trifuno Pass	295	4	Ridge E Cachusa	18-N			Relizian			
8059	Los Angeles	Trifuno Pass	295	7	Ridge E Cachusa	18-N			Relizian			
8060	Los Angeles	Trifuno Pass	295	8	Ridge E Cachusa	18-N			Relizian			
8061	Los Angeles	Trifuno Pass	295	10	Ridge E Cachusa	18-N			Relizian			
8062	Los Angeles	Point Dume	295	11	Ridge E Cachusa	18-N			Relizian			
8063	Los Angeles	Point Dume	295	17	Ridge E Cachusa	18-N			Saucesian			
8064	Los Angeles	Point Dume	295	20	Ridge E Cachusa	18-N			Saucesian			
8065	Los Angeles	Point Dume	295	27	Ridge E Cachusa	18-N			Saucesian			
8066	Los Angeles	Point Dume	295	29	Ridge E Cachusa	18-N			Saucesian			
8067	Los Angeles	Point Dume	295	30	Ridge E Cachusa	18-N			Saucesian			
8068	Ventura	Piru	301	2	Modelo Canyon	9-M			Middle Miocene			
8069	Ventura	Piru	301	3	Modelo Canyon	9-M			Luisian			
8070	Ventura	Piru	301	4	Modelo Canyon	9-M			Luisian			
8071	Ventura	Piru	301	7	Modelo Canyon	9-M			not diagnostic			
8072	Ventura	Piru	301	9	Modelo Canyon	9-M			not diagnostic			
8073	Ventura	Piru	301	10	Modelo Canyon	9-M			not diagnostic			
8074	Ventura	Piru	301	13	Modelo Canyon	9-M			barren			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
8075	Ventura	Piru	301	15	Modelo Canyon	9-M			not diagnostic			
8076	Ventura	Piru	301	16	Modelo Canyon	9-M			not diagnostic			
8077	Kern	Emigrant Hill	302		Wagonwheel Mtn	A-7	basal Temblor	Santos	no paleo info			
8078	San Luis Obispo	McKittrick	302	8	center of quad	46-H			no paleo info	Kriz		
8079	San Luis Obispo	McKittrick	302	9	center of quad	46-H			no paleo info			
8080	Kern	McKittrick	302	34	not found	46-H			no paleo info			
8081	Kern	McKittrick	302	64	NE part of quad	46-H			no paleo info			
8082	Kern	McKittrick	302	65	not found	46-H	Sheep Ck area		no paleo info			
8083	Kern	McKittrick	302	66	not found	46-H	Sheep Ck area		no paleo info			
8084	Kern	McKittrick	302	67	not found	46-H	Sheep Ck area		no paleo info			
8085	Kern	McKittrick	302	68	not found	46-H	Sheep Ck area		no paleo info			
8086	Kern	McKittrick	302	69	not found	46-H	Sheep Ck area		no paleo info			
8087	Kern	McKittrick	302	70	not found	46-H	Sheep Ck area		no paleo info			
8088	Kern	McKittrick	302	71	not found	46-H	Sheep Ck area		no paleo info			
8089	Kern	McKittrick	302	78	not found	46-H	Sheep Ck area		no paleo info			
8090	Kern	McKittrick	302	80	not found	46-H	Sheep Ck area		no paleo info			
8091	Kern	McKittrick	302	83	not found	46-H	Sheep Ck area		no paleo info			
8092	Kern	McKittrick	302	84	not found	46-H	Sheep Ck area		no paleo info			
8093	Kern	McKittrick	302	95	not found	46-H	Sheep Ck area		no paleo info			
8094	Kern	McKittrick	302	106	not found	46-H	Sheep Ck area		no paleo info			
8095	Kern	McKittrick	302	107	not found	46-H	Sheep Ck area		no paleo info			
8096	Kern	McKittrick	302	108	not found	46-H	Sheep Ck area		no paleo info			
8097	Kern	Reward	302	109	not found	46-l	Sheep Ck area		no paleo info			
8098	Kern	Reward	302	110	not found	46-l	Sheep Ck area		no paleo info			
8099	Kern	Reward	302	111	not found	46-l	Sheep Ck area		no paleo info			
8100	Kern	Reward	302	112	not found	46-l	Sheep Ck area		no paleo info			
8101	Kern	Reward	302	116	not found	46-l	Sheep Ck area		no paleo info			
8102	Kern	Reward	302	117	not found	46-l	Sheep Ck area		no paleo info			
8103	Kern	Reward	302	118	not found	46-l	Sheep Ck area		no paleo info			
8104	Kern	Reward	302	119	not found	46-l	Sheep Ck area		no paleo info			
8105	Kern	Reward	302	125	not found	46-l	Sheep Ck area		no paleo info			
8106	Kern	Reward	302	126	not found	46-l	Sheep Ck area		no paleo info			
8107	Kern	Reward	302	127	not found	46-l	Sheep Ck area		no paleo info			
8108	Kern	Reward	302	137	not found	46-l	Sheep Ck area		no paleo info			
8109	Kern	Reward	302	148	not found	46-l	Sheep Ck area		no paleo info			
8110	Kern	Reward	302	149	not found	46-l	Sheep Ck area		no paleo info			
8111	Kern	Reward	302	150	EC part of quad	46-l			no paleo info			
8112	Kern	Reward	302	151	not found	46-l			no paleo info			
8113	Kern	Reward	302	170	not found	46-l			no paleo info			
8114	Kern	Reward	302	171	not found	46-l			no paleo info			
8115	Kern	Reward	302	172	not found	46-l			no paleo info			
8116	Kern	Reward	302	173	not found	45-J			no paleo info			
8117	Kern	Reward	302	201	not found	46-l			no paleo info	Hastings		
8118	Kern	Reward	302	202	not found	46-l			no paleo info	Hastings		
8119	Kern	Reward	302	203	not found	46-l			no paleo info	Hastings		
8120	Kern	Reward	302	222	not found	46-l			no paleo info	Hastings		
8121	Kern	Reward	302	223	not found	46-l			no paleo info	Hastings		
8122	Kern	Reward	302	232	not found	46-l			no paleo info	Hastings		
8123	Kern	McKittrick	302	234	SE part of quad	46-l			no paleo info	Hastings		
8124	Kern	Reward	302	237A	not found	46-l			no paleo info	Hastings		
8125	Kern	Reward	302	237B	not found	46-l			no paleo info	Hastings		
8126	Kern	Reward	302	238A	not found	46-l			no paleo info	Hastings		
8127	Kern	Reward	302	238B	not found	46-l			no paleo info	Hastings		
8128	Kern	Reward	302	251	not found	46-l			no paleo info	Hastings		
8129	Kern	Reward	302	253	not found	46-l			no paleo info	Hastings		
8130	Kern	McKittrick Summit	302	255	NE part of quad	46-l			no paleo info	Hastings		
8131	Kern	McKittrick Summit	302	256	NE part of quad	46-l			no paleo info	Hastings		
8132	Kern	McKittrick Summit	302	257	center of quad	46-l			no paleo info	Hastings		
8133	Kern	McKittrick Summit	302	258	center of quad	46-l			Upper Luisian	Hastings		
8134	Kern	McKittrick Summit	302	259	center of quad	46-l			Pseudosaucesian	Hastings		
8135	Kern	McKittrick Summit	302	260	not found	46-l			not diagnostic	Hastings		
8136	Kern	McKittrick Summit	302	261	center of quad	46-l			Lower Mohnian	Hastings		
8137	Kern	McKittrick Summit	302	262	NE part of quad	46-l			no paleo info	Hastings		
8138	Kern	McKittrick Summit	302	264	NE part of quad	46-l			no paleo info	Hastings		
8139	Kern	McKittrick Summit	302	266	center of quad	46-l			no paleo info	Hastings		
8140	Kern	McKittrick Summit	302	267	center of quad	46-l			no paleo info	Hastings		
8141	Kern	McKittrick Summit	302	268	center of quad	46-l			no paleo info	Hastings		
8142	Kern	McKittrick Summit	302	269	not found	46-l			Middle Miocene	Hastings		
8143	Kern	McKittrick Summit	302	270	SE part of quad	46-l			Pseudosaucesian	Hastings		
8144	Kern	Reward	302	276	center of quad	46-l			no paleo info	Hastings		
8145	Kern	Reward	302	277	center of quad	46-l			no paleo info	Hastings		
8146	Kern	Reward	302	278	center of quad	46-l			no paleo info	Hastings		
8147	Kern	Reward	302	279	center of quad	46-l			no paleo info	Hastings		
8148	Kern	Reward	302	282	center of quad	46-l			no paleo info	Hastings		
8149	Kern	Reward	302	286	center of quad	46-l			no paleo info	Hastings		
8150	Kern	McKittrick Summit	302	290	not found	46-l			no paleo info	Hastings		
8151	Kern	Reward	302	291	center of quad	46-l			no paleo info	Hastings		
8152	Kern	McKittrick Summit	302	292	not found	46-l			no paleo info	Hastings		
8153	Kern	McKittrick Summit	302	293	NE part of quad	46-l			no paleo info	Hastings		
8154	Kern	McKittrick Summit	302	295	not found	46-l			Lower Mohnian	Hastings		
8155	Kern	McKittrick Summit	302	297	SE part of quad	46-J			Lower Mohnian	Hastings		
8156	Kern	McKittrick Summit	302	298	not found	46-J			no paleo info	Hastings		
8157	Kern	McKittrick Summit	302	299	not found	46-J			no paleo info	Hastings		
8158	Kern	Reward	302	300	SW part of quad	46-J			no paleo info	Hastings		
8159	Kern	McKittrick Summit	302	301	not found	46-J			no paleo info	Hastings		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
8160	Kern	McKittrick Summit	302	310	not found	46-J			no paleo info	Kriz		
8161	Kern	McKittrick Summit	302	311	not found	46-J			no paleo info	Kriz		
8162	Kern	Reward	302	312	center of quad	46-J			no paleo info	Kriz		
8163	Kern	Reward	302	313	center of quad	46-J			no paleo info	Kriz		
8164	Kern	McKittrick Summit	302	314	not found	46-J			no paleo info	Kriz		
8165	Kern	McKittrick Summit	302	315	not found	46-J			no paleo info	Kriz		
8166	Kern	McKittrick Summit	302	316	not found	46-J			no paleo info	Kriz		
8167	Kern	Reward	302	317	center of quad	46-J			no paleo info	Kriz		
8168	Kern	McKittrick Summit	302	318	not found	46-J			no paleo info	Kriz		
8169	Kern	Reward	302	319	center of quad	46-J			no paleo info	Kriz		
8170	Kern	McKittrick Summit	302	320	not found	46-J			no paleo info	Kriz		
8171	Kern	Reward	302	321	Frazer Valley	46-J			no paleo info	Kriz		
8172	Kern	Reward	302	322	Frazer Valley	46-J			no paleo info	Kriz		
8173	Kern	Reward	302	323	Frazer Valley	46-J			no paleo info	Kriz		
8174	Los Angeles	Malibu Beach	303	2	Malibu Canyon	43-I	Have strat		Saucesian			
8175	Los Angeles	Malibu Beach	303	9	Malibu Canyon	43-I	column		not diagnostic			
8176	Los Angeles	Malibu Beach	303	11	Malibu Canyon	43-I			not diagnostic			
8177	Los Angeles	Malibu Beach	303	17	Malibu Canyon	43-I			Sauc/Relizian			
8178	Los Angeles	Malibu Beach	303	21	Malibu Canyon	43-I			Relizian			
8179	Los Angeles	Point Dume	305	4	Dume Cove	26-L	strat column		Upper Mohnian			
8180	Los Angeles	Point Dume	305	5	Dume Cove	26-L			Upper Mohnian			
8181	Los Angeles	Point Dume	305	7	Dume Cove	26-L			Upper Mohnian			
8182	Los Angeles	Point Dume	305	11	Dume Cove	26-L			Upper Mohnian			
8183	Los Angeles	Point Dume	305	12	Dume Cove	26-L			Upper Mohnian			
8184	Los Angeles	Point Dume	305	13	Dume Cove	26-L			Upper Mohnian			
8185	Los Angeles	Point Dume	305	14	Dume Cove	26-L			Upper Mohnian			
8186	Los Angeles	Calabasas	306	7	Dry Canyon	45-L			not diagnostic			
8187	Los Angeles	Calabasas	306	16	Dry Canyon	45-L			Luisian			
8188	Los Angeles	Calabasas	306	17	Dry Canyon	45-L			Luisian			
8189	Los Angeles	Calabasas	306	18	Dry Canyon	45-L			Luisian			
8190	Los Angeles	Calabasas	306	19	Dry Canyon	45-L			Luisian			
8191	Los Angeles	Calabasas	306	20	Dry Canyon	45-L			Luisian			
8192	Los Angeles	Calabasas	306	24	Dry Canyon	45-L			Mohnian			
8193	Los Angeles	Calabasas	306	25	Dry Canyon	45-L			Mohnian			
8194	Los Angeles	Calabasas	306	26	Dry Canyon	45-L			Mohnian			
8195	Los Angeles	Calabasas	306	28	Dry Canyon	45-L			Mohnian			
8196	Los Angeles	Calabasas	306	29	Dry Canyon	45-L			Mohnian			
8197	Los Angeles	Calabasas	306	30	Dry Canyon	45-L			Mohnian			
8198	Los Angeles	Malibu Beach	307	2	Old Topanga Rd	45-M	strat column		Relizian			
8199	Los Angeles	Malibu Beach	307	3	Old Topanga Rd	45-M			Relizian			
8200	Los Angeles	Malibu Beach	307	4	Old Topanga Rd	45-M			Relizian			
8201	Los Angeles	Malibu Beach	307	5	Old Topanga Rd	45-M			Relizian			
8202	Los Angeles	Malibu Beach	307	6	Old Topanga Rd	45-M			Relizian			
8203	Los Angeles	Calabasas	307	15	Old Topanga Rd	45-M			Luisian			
8204	Los Angeles	Calabasas	307	16	Old Topanga Rd	45-M			Luisian			
8205	Los Angeles	Calabasas	307	21	Old Topanga Rd	45-M			Luisian			
8206	Los Angeles	Malibu Beach	307	1A	Old Topanga Rd	60-J			no paleo info			
8207	Los Angeles	Malibu Beach	307	9B	Old Topanga Rd	60-J			barren			
8208	Los Angeles	Malibu Beach	307	11A	Old Topanga Rd	60-J			no paleo info			
8209	Los Angeles	Calabasas	308	7	Ventura Blvd	45-M			contaminated			
8210	Los Angeles	Calabasas	308	9	Ventura Blvd	45-M			contaminated			
8211	Los Angeles	Calabasas	308	12	Ventura Blvd	45-M			Luisian			
8212	Los Angeles	Calabasas	308	15	Ventura Blvd	45-M			Luisian			
8213	Los Angeles	Calabasas	308	21	Ventura Blvd	45-M			Luisian			
8214	Los Angeles	Calabasas	308	28	Ventura Blvd	45-M			Luisian			
8215	Los Angeles	Point Dume	312	2	Malibu Riviera	22-M			Mohnian			
8216	Los Angeles	Point Dume	313	1	Laval Grade sect	H-14			not diagnostic			
8217	Los Angeles	Point Dume	313	2	Laval Grade sect	H-14			Upper Miocene			
8218	Los Angeles	Point Dume	313	3	Laval Grade sect	H-14			not diagnostic			
8219	Los Angeles	Point Dume	313	4	Laval Grade sect	H-14			Mohnian			
8220	Los Angeles	Point Dume	313	2	same area?	45-L			Upper Miocene			
8221	Los Angeles	Point Dume	313	3	same area?	45-L			not diagnostic			
8222	Los Angeles	Point Dume	313	4	same area?	45-L			not diagnostic			
8223	Los Angeles	Point Dume	313	7	same area?	45-L			Mohnian			
8224	Los Angeles	Point Dume	314	1	Zuma Beach area	45-M			Mohnian			
8225	Los Angeles	Point Dume	314	2	Zuma Beach area	45-M			Mohnian			
8226	Los Angeles	Point Dume	314	3	Zuma Beach area	45-M			Mohnian			
8227	Los Angeles	Point Dume	314	4	Zuma Beach area	45-M			Mohnian			
8228	Los Angeles	Point Dume	315	5	Zuma Beach area	45-L			not diagnostic			
8229	Los Angeles	Malibu Beach	316	1	Corral Canyon Rd	45-M			Middle Miocene			
8230	Los Angeles	Malibu Beach	316	2	Corral Canyon Rd	45-M			Luisian			
8231	Los Angeles	Malibu Beach	316	3	Corral Canyon Rd	45-M			Luisian			
8232	Los Angeles	Malibu Beach	316	4	Corral Canyon Rd	45-M			Luisian			
8233	Los Angeles	Malibu Beach	316	5	Corral Canyon Rd	45-M			Luisian			
8234	Los Angeles	Malibu Beach	316	6	Corral Canyon Rd	45-M			Luisian			
8235	Los Angeles	Malibu Beach	317	6	Piuma Road	45-M			Relizian			
8236	Los Angeles	Malibu Beach	319	4	Mullholland Hwy	45-M			Luisian			
8237	Los Angeles	Calabasas	322	1	SC part of quad	45-M			not diagnostic			
8238	Los Angeles	Calabasas	322	3	SC part of quad	45-M			Mohnian			
8239	Los Angeles	Calabasas	322	6	SC part of quad	45-M			Mohnian			
8240	Los Angeles	Calabasas	322	7	SC part of quad	45-M			Mohnian			
8241	Kern	Maricopa	322	6	SW of Hazelton	78-G			no paleo info			
8242	Kern	Maricopa	322	7	SW of Hazelton	78-G			no paleo info			
8243	Kern	Maricopa	322	8	SW of Hazelton	78-G			no paleo info			
8244	Kern	Maricopa	322	9	SW of Hazelton	78-G			no paleo info			

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
8245	Kern	Maricopa	322	11	SW of Hazelton	78-G			no paleo info			
8246	Kern	Maricopa	322	6	SW of Hazelton	78-F			no paleo info			
8247	Kern	Maricopa	322	7	SW of Hazelton	78-F			no paleo info			
8248	Kern	Maricopa	322	9	SW of Hazelton	78-F			no paleo info			
8249	Kern	Shale Point	324	1	Tembler Range	45-M	strat column		Mohnian			
8250	Kern	Shale Point	324	A2 etc	Tembler Range	54-A			Mohnian	Papp		
8251	Kern	Shale Point	324	7	Tembler Range	54-A			Mohnian	Papp		
8252	Kern	Shale Point	324	8	Tembler Range	54-A			Mohnian	Papp		
8253	Kern	Shale Point	324	10	Tembler Range	54-A			Mohnian	Papp		
8254	Kern	Shale Point	324	11	Tembler Range	54-A			Luisian	Papp		
8255	Kern	Shale Point	324	13	Tembler Range	54-A			Luisian	Papp		
8256	Kern	Shale Point	324	14	Tembler Range	54-A			Luisian	Papp		
8257	Kern	Shale Point	324	15	Tembler Range	54-A			Luisian	Papp		
8258	Kern	Shale Point	324	16	Tembler Range	54-A			Luisian	Papp		
8259	Kern	Shale Point	324	17	Tembler Range	54-A			Luisian	Papp		
8260	Kern	Shale Point	324	18	Tembler Range	54-A			Luisian	Papp		
8261	Kern	Shale Point	324	19	Tembler Range	54-A			Luisian	Papp		
8262	Kern	Shale Point	324	20	Tembler Range	54-A			Luisian	Papp		
8263	Kern	Shale Point	324	21	Tembler Range	54-A			Luisian	Papp		
8264	Kern	Shale Point	324	22	Tembler Range	54-A			Luisian	Papp		
8265	Kern	Shale Point	324	23	Tembler Range	54-A			Luisian	Papp		
8266	Kern	Shale Point	324	24	Tembler Range	54-A			Luisian	Papp		
8267	Kern	Shale Point	324	25	Tembler Range	54-A			Luisian	Papp		
8268	Kern	Shale Point	324	26	Tembler Range	54-A			Luisian	Papp		
8269	Kern	Shale Point	324	27	Tembler Range	54-A			Luisian	Papp		
8270	Kern	Shale Point	324	28	Tembler Range	54-A			Luisian	Papp		
8271	Kern	Shale Point	324	29	Tembler Range	54-A			Luisian	Papp		
8272	Kern	Shale Point	324	30	Tembler Range	54-A			Luisian	Papp		
8273	Kern	Shale Point	324	31	Tembler Range	54-A			Luisian	Papp		
8274	Kern	Shale Point	324	32	Tembler Range	54-A			Luisian	Papp		
8275	Kern	Shale Point	324	33	Tembler Range	54-A			Luisian	Papp		
8276	Kern	Shale Point	324	34	Tembler Range	54-A			Luisian	Papp		
8277	Kern	Shale Point	324	35	Tembler Range	54-A			Luisian	Papp		
8278	Kern	Shale Point	324	36	Tembler Range	54-A			Luisian	Papp		
8279	Kern	Shale Point	324	37	Tembler Range	54-A			Luisian	Papp		
8280	Kern	Shale Point	324	38	Tembler Range	54-A			Luisian	Papp		
8281	Kern	Shale Point	324	39	Tembler Range	54-A			Luisian	Papp		
8282	Kern	Shale Point	324	40	Tembler Range	54-A			Luisian	Papp		
8283	Kern	Shale Point	324	41	Tembler Range	54-A			Luisian	Papp		
8284	Kern	Shale Point	324	42	Tembler Range	54-A			Luisian	Papp		
8285	Kern	Shale Point	324	43	Tembler Range	54-A			Luisian	Papp		
8286	Kern	Shale Point	324	44	Tembler Range	54-A			Luisian	Papp		
8287	Kern	Shale Point	324	45	Tembler Range	54-A			Luisian	Papp		
8288	Kern	Shale Point	324	46	Tembler Range	54-A			Luisian	Papp		
8289	Kern	Shale Point	324	47	Tembler Range	54-A			Luisian	Papp		
8290	Kern	Shale Point	324	48	Tembler Range	54-A			Luisian	Papp		
8291	Kern	Shale Point	324	49	Tembler Range	54-A			Luisian	Papp		
8292	Kern	Shale Point	324	50	Tembler Range	54-A			Luisian	Papp		
8293	Kern	Shale Point	324	51	Tembler Range	54-A			Luisian	Papp		
8294	Kern	Shale Point	324	52	Tembler Range	54-A			Luisian	Papp		
8295	Kern	Shale Point	324	53	Tembler Range	54-A			Luisian	Papp		
8296	Kern	Shale Point	324	54	Tembler Range	54-A			Luisian	Papp		
8297	Kern	Shale Point	324	55	Tembler Range	54-A			Luisian	Papp		
8298	Kern	Shale Point	324	56	Tembler Range	54-A			Luisian	Papp		
8299	Kern	Shale Point	324	57	Tembler Range	54-A			Luisian	Papp		
8300	Kern	Shale Point	324	58	Tembler Range	54-A			Luisian	Papp		
8301	Kern	Shale Point	324	59	Tembler Range	54-A			Luisian	Papp		
8302	Kern	Shale Point	324	60	Tembler Range	54-A			Luisian	Papp		
8303	Kern	Shale Point	324	61	Tembler Range	54-A			Luisian	Papp		
8304	Kern	Shale Point	324	62	Tembler Range	54-A			Luisian	Papp		
8305	Kern	Shale Point	324	63	Tembler Range	54-A			Luisian	Papp		
8306	Kern	Shale Point	324	64	Tembler Range	54-A			Luisian	Papp		
8307	Kern	Shale Point	324	65	Tembler Range	54-A			Luisian	Papp		
8308	Kern	Shale Point	324	66	Tembler Range	54-A			Luisian	Papp		
8309	Kern	Shale Point	324	67	Tembler Range	54-B			Luisian	Papp		
8310	Kern	Shale Point	324	68	Tembler Range	54-B			Luisian	Papp		
8311	Kern	Shale Point	324	69	Tembler Range	54-B			Luisian	Papp		
8312	Kern	Shale Point	324	70	Tembler Range	54-B			Luisian	Papp		
8313	Kern	Shale Point	324	71	Tembler Range	54-B			Luisian	Papp		
8314	Kern	Shale Point	324	72	Tembler Range	54-B			Luisian	Papp		
8315	Kern	Shale Point	324	73	Tembler Range	54-B			Luisian	Papp		
8316	Kern	Shale Point	324	74	Tembler Range	54-B			Luisian	Papp		
8317	Kern	Shale Point	324	75	Tembler Range	54-B			Luisian	Papp		
8318	Kern	Shale Point	324	76	Tembler Range	54-B			Luisian	Papp		
8319	Kern	Shale Point	324	77	Tembler Range	54-B			Luisian	Papp		
8320	Kern	Shale Point	324	78	Tembler Range	54-B			Luisian	Papp		
8321	Kern	Shale Point	324	79	Tembler Range	54-B			Luisian	Papp		
8322	Kern	Shale Point	324	80	Tembler Range	54-B			Luisian	Papp		
8323	Kern	Shale Point	324	81	Tembler Range	54-B			Luisian	Papp		
8324	Kern	Shale Point	324	82	Tembler Range	54-B			Luisian	Papp		
8325	Kern	Shale Point	324	83	Tembler Range	54-B			Luisian	Papp		
8326	Kern	Shale Point	324	84	Tembler Range	54-B			Luisian	Papp		
8327	Kern	Shale Point	324	85	Tembler Range	54-B			Luisian	Papp		
8328	Kern	Shale Point	324	86	Tembler Range	54-B			Luisian	Papp		
8329	Kern	Shale Point	324	87	Tembler Range	54-B			Luisian	Papp		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
9180	Kern	Shale Point	324	443	Temblor Range	52-C			see samples above	Papp		
9181	Kern	Shale Point	324	444	Temblor Range	52-C			see samples above	Papp		
9182	Kern	Shale Point	324	445	Temblor Range	52-C			see samples above	Papp		
9183	Kern	Shale Point	324	446	Temblor Range	52-C			see samples above	Papp		
9184	Kern	Shale Point	324	447	Temblor Range	52-C			see samples above	Papp		
9185	Kern	Shale Point	324	448	Temblor Range	52-C			see samples above	Papp		
9186	Kern	Shale Point	324	449	Temblor Range	52-C			see samples above	Papp		
9187	Kern	Shale Point	324	450	Temblor Range	52-C			see samples above	Papp		
9188	Kern	Shale Point	324	451	Temblor Range	52-C			see samples above	Papp		
9189	Kern	Shale Point	324	452	Temblor Range	52-C			see samples above	Papp		
9190	Kern	Shale Point	324	453	Temblor Range	52-C			see samples above	Papp		
9191	Kern	Shale Point	324	454	Temblor Range	52-C			see samples above	Papp		
9192	Kern	Shale Point	324	455	Temblor Range	52-C			see samples above	Papp		
9193	Kern	Shale Point	324	456	Temblor Range	52-C			see samples above	Papp		
9194	Kern	Shale Point	324	457	Temblor Range	52-C			see samples above	Papp		
9195	Kern	Shale Point	324	458	Temblor Range	52-C			see samples above	Papp		
9196	Kern	Shale Point	324	459	Temblor Range	52-D			see samples above	Papp		
9197	Kern	Shale Point	324	463	Temblor Range	52-D			see samples above	Papp		
9198	Kern	Shale Point	324	464	Temblor Range	52-D			see samples above	Papp		
9199	Kern	Shale Point	324	465	Temblor Range	52-D			see samples above	Papp		
9200	Kern	Shale Point	324	466	Temblor Range	52-D			see samples above	Papp		
9201	Kern	Shale Point	324	467	Temblor Range	52-D			see samples above	Papp		
9202	Kern	Shale Point	324	468	Temblor Range	52-D			see samples above	Papp		
9203	Kern	Shale Point	324	469	Temblor Range	52-D			see samples above	Papp		
9204	Kern	Shale Point	324	470	Temblor Range	52-D			see samples above	Papp		
9205	Kern	Shale Point	324	476	Temblor Range	52-D			see samples above	Papp		
9206	Kern	Shale Point	324	477	Temblor Range	52-D			see samples above	Papp		
9207	Kern	Shale Point	324	478	Temblor Range	52-D			see samples above	Papp		
9208	Kern	Shale Point	324	479	Temblor Range	52-D			see samples above	Papp		
9209	Kern	Shale Point	324	480	Temblor Range	52-D			see samples above	Papp		
9210	Kern	Shale Point	324	481	Temblor Range	52-D			see samples above	Papp		
9211	Kern	Shale Point	324	483	Temblor Range	52-D			see samples above	Papp		
9212	Kern	Shale Point	324	484	Temblor Range	52-D			see samples above	Papp		
9213	Kern	Shale Point	324	485	Temblor Range	52-D			see samples above	Papp		
9214	Kern	Shale Point	324	486	Temblor Range	52-D			see samples above	Papp		
9215	Kern	Shale Point	324	487	Temblor Range	52-D			see samples above	Papp		
9216	Kern	Shale Point	324	488	Temblor Range	52-D			see samples above	Papp		
9217	Kern	Shale Point	324	489	Temblor Range	52-D			see samples above	Papp		
9218	Kern	Shale Point	324	492	Temblor Range	52-D			see samples above	Papp		
9219	Kern	Shale Point	324	492A	Temblor Range	52-D			see samples above	Papp		
9220	Kern	Shale Point	324	493	Temblor Range	52-D			see samples above	Papp		
9221	Kern	Shale Point	324	494	Temblor Range	52-D			see samples above	Papp		
9222	Kern	Shale Point	324	495	Temblor Range	52-D			see samples above	Papp		
9223	Kern	Shale Point	324	496	Temblor Range	52-D			see samples above	Papp		
9224	Kern	Shale Point	324	498	Temblor Range	52-D			see samples above	Papp		
9225	Kern	Shale Point	324	499	Temblor Range	52-D			see samples above	Papp		
9226	Kern	Shale Point	324	501	Temblor Range	52-D			see samples above	Papp		
9227	Kern	Shale Point	324	502	Temblor Range	52-D			see samples above	Papp		
9228	Kern	Shale Point	324	504	Temblor Range	52-D			see samples above	Papp		
9229	Kern	Shale Point	324	505A	Temblor Range	52-D			see samples above	Papp		
9230	Kern	Shale Point	324	506	Temblor Range	52-D			see samples above	Papp		
9231	Kern	Shale Point	324	510	Temblor Range	52-D			see samples above	Papp		
9232	Kern	Shale Point	324	512	Temblor Range	52-D			see samples above	Papp		
9233	Kern	Shale Point	324	513	Temblor Range	52-D			see samples above	Papp		
9234	Ventura	Calabasas	326	1	Upper Virgines Cy	45-N			not diagnostic			
9235	Ventura	Calabasas	326	3	Upper Virgines Cy	45-N			not diagnostic			
9236	Los Angeles	Calabasas	329	2	Brenta Junct. Area	45-N			poss Mohnian			
9237	Los Angeles	Calabasas	329	6	Brenta Junct. Area	45-N			not diagnostic			
9238	Los Angeles	Topanga	330	1	Topanga Canyon	45-N			not diagnostic			
9239	Los Angeles	Canoga Park	330	12	Topanga Canyon	45-N			Mohnian			
9240	Los Angeles	Canoga Park	330	13	Topanga Canyon	45-N			Mohnian			
9241	Los Angeles	Canoga Park	330	16	Topanga Canyon	45-N			Mohnian			
9242	Los Angeles	Canoga Park	330	17	Topanga Canyon	45-N			Mohnian			
9243	Los Angeles	Canoga Park	330	18	Topanga Canyon	45-N			not diagnostic			
9244	Los Angeles	Topanga	331	12	Pacific Palisades	61-C			no paleo info			
9245	Los Angeles	Topanga	331	14	Pacific Palisades	61-C			no paleo info			
9246	Los Angeles	Oat Mountain	332	4	center of quad	45-N			poss Mohnian			
9247	Los Angeles	Oat Mountain	332	5	center of quad	45-N			Luisian			
9248	Los Angeles	Oat Mountain	332	7	center of quad	45-N			no paleo info			
9249	Los Angeles	Oat Mountain	332	8	center of quad	45-N			no paleo info			
9250	Los Angeles	Oat Mountain	332	9	center of quad	45-N			Luisian			
9251	Los Angeles	Oat Mountain	332	13	center of quad	45-N			no paleo info			
9252	Los Angeles	Oat Mountain	332	17	center of quad	45-N			Mohnian			
9253	Los Angeles	Van Nuys	334	6	SE corner of quad	45-N			not diagnostic	Paap		
9254	Los Angeles	Van Nuys	334	14	SE corner of quad	45-N			Mohnian	Paap		
9255	Los Angeles	Van Nuys	334	15	SE corner of quad	45-N			Mohnian	Paap		
9256	Los Angeles	Van Nuys	334	17	SE corner of quad	45-N			Mohnian	Paap		
9257	Kern	Emigrant Hill	335	1	Wagon Wheel Mtn	126-K	Strat column with	Temblor Fm.	L or M Miocene	Paap		
9258	Kern	Emigrant Hill	335	2	Wagon Wheel Mtn	126-I	a few foram	Temblor Fm.	L or M Miocene	Paap		
9259	Kern	Emigrant Hill	335	3	Wagon Wheel Mtn	126-I	species and a few	Temblor Fm.	L or M Miocene	Paap		
9260	Kern	Emigrant Hill	335	4	Wagon Wheel Mtn	126-I	zone calls. Ages	Temblor Fm.	L or M Miocene	Paap		
9261	Kern	Emigrant Hill	335	6	Wagon Wheel Mtn	126-I	inferred in part	Temblor Fm.	L or M Miocene	Paap		
9262	Kern	Emigrant Hill	335	23	Wagon Wheel Mtn	126-I	from rock units.	Temblor Fm.	Lower Miocene	Paap		
9263	Kern	Emigrant Hill	335	25	Wagon Wheel Mtn	126-I	No indication on	Temblor Fm.	Lower Miocene	Paap		
9264	Kern	Emigrant Hill	335	28	Wagon Wheel Mtn	126-I	map where each	Temblor Fm.	Lower Miocene	Paap		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
9265	Kern	Emigrant Hill	335	29	Wagon Wheel Mtn	126-I	sample is located.	Temblor Fm.	Lower Miocene	Paap		
9266	Kern	Emigrant Hill	335	30	Wagon Wheel Mtn	126-I	Used report by	Temblor Fm.	Zemorian	Paap		
9267	Kern	Emigrant Hill	335	32	Wagon Wheel Mtn	126-I	Smith (1956, Univ	Temblor Fm.	Zemorian	Paap		
9268	Kern	Emigrant Hill	335	33	Wagon Wheel Mtn	126-I	Calif v 32) for	Temblor Fm.	Zemorian	Paap		
9269	Kern	Emigrant Hill	335	34	Wagon Wheel Mtn	126-I	some ages and	Temblor Fm.	Zemorian	Paap		
9270	Kern	Emigrant Hill	335	35	Wagon Wheel Mtn	126-I	formation picks.	Temblor Fm.	Zemorian	Paap		
9271	Kern	Emigrant Hill	335	36	Wagon Wheel Mtn	126-I		Temblor Fm.	Zemorian	Paap		
9272	Kern	Emigrant Hill	335	37	Wagon Wheel Mtn	126-I		Temblor Fm.	Zemorian	Paap		
9273	Kern	Emigrant Hill	335	40	Wagon Wheel Mtn	126-I		Wagon Whl Fr	Refugian	Paap		
9274	Kern	Emigrant Hill	335	42	Wagon Wheel Mtn	126-I		Wagon Whl Fr	Refugian	Paap		
9275	Kern	Emigrant Hill	335	43	Wagon Wheel Mtn	126-I		Wagon Whl Fr	Refugian	Paap		
9276	Kern	Emigrant Hill	335	44	Wagon Wheel Mtn	126-I		Wagon Whl Fr	Refugian	Paap		
9277	Kern	Emigrant Hill	335	45	Wagon Wheel Mtn	126-I		Wagon Whl Fr	Refugian	Paap		
9278	Kern	Emigrant Hill	335	46	Wagon Wheel Mtn	126-I		Wagon Whl Fr	Refugian	Paap		
9279	Kern	Emigrant Hill	335	47	Wagon Wheel Mtn	126-I		Wagon Whl Fr	Refugian	Paap		
9280	Kern	Emigrant Hill	335	48	Wagon Wheel Mtn	126-I		Wagon Whl Fr	Refugian	Paap		
9281	Kern	Emigrant Hill	335	49	Wagon Wheel Mtn	126-I		Wagon Whl Fr	Refugian	Paap		
9282	Kern	Emigrant Hill	335	50	Wagon Wheel Mtn	126-J		Wagon Whl Fr	Refugian	Paap		
9283	Kern	Emigrant Hill	335	51	Wagon Wheel Mtn	126-J		Wagon Whl Fr	Refugian	Paap		
9284	Kern	Emigrant Hill	335	52	Wagon Wheel Mtn	126-J		Wagon Whl Fr	Refugian	Paap		
9285	Kern	Emigrant Hill	335	53	Wagon Wheel Mtn	126-J		Wagon Whl Fr	Refugian	Paap		
9286	Kern	Emigrant Hill	335	54	Wagon Wheel Mtn	126-J		Wagon Whl Fr	Refugian	Paap		
9287	Kern	Emigrant Hill	335	55	Wagon Wheel Mtn	126-J		Welcome shall	Refugian	Paap		
9288	Kern	Emigrant Hill	335	55	Wagon Wheel Mtn	126-J		Welcome shall	not diagnostic	Paap		
9289	Kern	Emigrant Hill	335	56	Wagon Wheel Mtn	126-J		Welcome shall	not diagnostic	Paap		
9290	Kern	Emigrant Hill	335	56	Wagon Wheel Mtn	126-J		Welcome shall	not diagnostic	Paap		
9291	Kern	Emigrant Hill	335	63	Wagon Wheel Mtn	126-J		Welcome shall	not diagnostic	Paap		
9292	Kern	Emigrant Hill	335	62	Wagon Wheel Mtn	126-J		Welcome shall	not diagnostic	Paap		
9293	Kern	Emigrant Hill	335	73	Wagon Wheel Mtn	126-J		Welcome shall	not diagnostic	Paap		
9294	Kern	Emigrant Hill	335	76	Wagon Wheel Mtn	126-J		Welcome shall	not diagnostic	Paap		
9295	Kern	Emigrant Hill	335	77	Wagon Wheel Mtn	126-J		Welcome shall	not diagnostic	Paap		
9296	Kern	Emigrant Hill	335	79	Wagon Wheel Mtn	126-J		Welcome shall	not diagnostic	Paap		
9297	Kern	Emigrant Hill	335	82	Wagon Wheel Mtn	126-J		Welcome shall	not diagnostic	Paap		
9298	Kern	Emigrant Hill	335	83	Wagon Wheel Mtn	126-J		Welcome shall	not diagnostic	Paap		
9299	Kern	Emigrant Hill	335	85	Wagon Wheel Mtn	126-J		Welcome shall	Eocene	Paap		
9300	Kern	Emigrant Hill	335	85A	Wagon Wheel Mtn	126-J		Welcome shall	Eocene	Paap		
9301	Kern	Emigrant Hill	335	86	Wagon Wheel Mtn	126-J		Welcome shall	Eocene	Paap		
9302	Kern	Emigrant Hill	335	87	Wagon Wheel Mtn	126-J		Welcome shall	Eocene	Paap		
9303	Kern	Emigrant Hill	335	88	Wagon Wheel Mtn	126-J		Welcome shall	Eocene	Paap		
9304	Kern	Emigrant Hill	335	89	Wagon Wheel Mtn	126-J		Welcome shall	Eocene	Paap		
9305	Kern	Emigrant Hill	335	90	Wagon Wheel Mtn	126-J		Welcome shall	Eocene	Paap		
9306	Kern	Emigrant Hill	335	91	Wagon Wheel Mtn	126-J		Welcome shall	Eocene	Paap		
9307	Kern	Emigrant Hill	335	98	Wagon Wheel Mtn	126-J		Pt of Rocks S3	Eocene	Paap		
9308	Kern	Emigrant Hill	335	99	Wagon Wheel Mtn	126-J		Pt of Rocks S3	Eocene	Paap		
9309	Kern	Emigrant Hill	335	100	Wagon Wheel Mtn	126-J		Pt of Rocks S3	Eocene	Paap		
9310	Kern	Emigrant Hill	335	104	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9311	Kern	Emigrant Hill	335	106	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9312	Kern	Emigrant Hill	335	107	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9313	Kern	Emigrant Hill	335	108	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9314	Kern	Emigrant Hill	335	112	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9315	Kern	Emigrant Hill	335	114	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9316	Kern	Emigrant Hill	335	115	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9317	Kern	Emigrant Hill	335	117	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9318	Kern	Emigrant Hill	335	118	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9319	Kern	Emigrant Hill	335	119	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9320	Kern	Emigrant Hill	335	120	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9321	Kern	Emigrant Hill	335	121	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9322	Kern	Emigrant Hill	335	122	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9323	Kern	Emigrant Hill	335	123	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9324	Kern	Emigrant Hill	335	124	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9325	Kern	Emigrant Hill	335	125	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9326	Kern	Emigrant Hill	335	126	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9327	Kern	Emigrant Hill	335	127	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9328	Kern	Emigrant Hill	335	128	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9329	Kern	Emigrant Hill	335	129	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9330	Kern	Emigrant Hill	335	130	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9331	Kern	Emigrant Hill	335	131	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9332	Kern	Emigrant Hill	335	132	Wagon Wheel Mtn	126-J		shale	Eocene	Paap		
9333	Kern	Emigrant Hill	335	133	Wagon Wheel Mtn	126-J		Maybury ss	Eocene	Paap		
9334	Kern	Emigrant Hill	335	134	Wagon Wheel Mtn	126-J		Hondo shale	Eocene?	Paap		
9335	Kern	Emigrant Hill	335	135	Wagon Wheel Mtn	126-J		Hondo shale	Eocene?	Paap		
9336	Kern	Emigrant Hill	335	136	Wagon Wheel Mtn	126-J		Hondo shale	Eocene?	Paap		
9337	Kern	Emigrant Hill	335	137	Wagon Wheel Mtn	126-J		Hondo shale	Eocene?	Paap		
9338	Kern	Emigrant Hill	335	slide 1	Wagon Wheel Mtn	126-K	picked slide		assemblage slide	Paap		
9339	Kern	Emigrant Hill	335	slide 2	Wagon Wheel Mtn	126-K			assemblage slide	Paap		
9340	Kern	Emigrant Hill	335	slide 3	Wagon Wheel Mtn	126-K			assemblage slide	Paap		
9341	Kern	Emigrant Hill	335	B2	Wagon Wheel Mtn	126-H		lower Temblor	Zemorian			
9342	Kern	Emigrant Hill	335	B3	Wagon Wheel Mtn	126-H		lower Temblor	Zemorian			
9343	Kern	Emigrant Hill	335	B4	Wagon Wheel Mtn	126-H		lower Temblor	Zemorian			
9344	Kern	Emigrant Hill	335	B5	Wagon Wheel Mtn	126-H		lower Temblor	Zemorian			
9345	Kern	Emigrant Hill	335	B6	Wagon Wheel Mtn	126-H		lower Temblor	Zemorian			
9346	Kern	Emigrant Hill	335	B8	Wagon Wheel Mtn	126-H		lower Temblor	Zemorian			
9347	Kern	Emigrant Hill	335	B10	Wagon Wheel Mtn	126-H		lower Temblor	Zemorian			
9348	Kern	Emigrant Hill	335	B11	Wagon Wheel Mtn	126-H		lower Temblor	Zemorian			
9349	Kern	Emigrant Hill	335	B12	Wagon Wheel Mtn	126-H		lower Temblor	Zemorian			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
9435	Kern	Knob Hill	336	C3	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9436	Kern	Knob Hill	336	C4	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9437	Kern	Knob Hill	336	C5	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9438	Kern	Knob Hill	336	C6	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9439	Kern	Knob Hill	336	C7	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9440	Kern	Knob Hill	336	C8	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9441	Kern	Knob Hill	336	C9	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9442	Kern	Knob Hill	336	C20	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9443	Kern	Knob Hill	336	C23	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9444	Kern	Knob Hill	336	C24	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9445	Kern	Knob Hill	336	C25	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9446	Kern	Knob Hill	336	C33	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9447	Kern	Knob Hill	336	C39	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9448	Kern	Knob Hill	336	C44	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9449	Kern	Knob Hill	336	C45	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9450	Kern	Knob Hill	336	C46	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9451	Kern	Knob Hill	336	C47	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9452	Kern	Knob Hill	336	C48	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9453	Kern	Knob Hill	336	C49	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9454	Kern	Knob Hill	336	C50	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9455	Kern	Knob Hill	336	C51	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9456	Kern	Knob Hill	336	C52	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
9457	Kern	Knob Hill	336	C53	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
9458	Kern	Knob Hill	336	C54	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
9459	Kern	Knob Hill	336	C55	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
9460	Kern	Knob Hill	336	C56	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
9461	Kern	Knob Hill	336	C57	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
9462	Kern	Knob Hill	336	C58	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
9463	Kern	Knob Hill	336	C59	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
9464	Kern	Knob Hill	336	C60	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
9465	Kern	Knob Hill	336	C61	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
9466	Kern	Knob Hill	336	C62	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
9467	Kern	Knob Hill	336	C63	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
9468	Kern	Knob Hill	336	E1	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9469	Kern	Knob Hill	336	E9	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9470	Kern	Knob Hill	336	F2	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9471	Kern	Knob Hill	336	F3	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9472	Kern	Knob Hill	336	F4	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9473	Kern	Knob Hill	336	X1	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9474	Kern	Knob Hill	336	X2	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9475	Kern	Knob Hill	336	X4	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9476	Kern	Knob Hill	336	X5	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9477	Kern	Knob Hill	336	X6	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9478	Kern	Knob Hill	336	X7	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9479	Kern	Knob Hill	336	X8	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9480	Kern	Knob Hill	336	X9	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9481	Kern	Knob Hill	336	X12	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9482	Kern	Knob Hill	336	X13	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9483	Kern	Knob Hill	336	X15	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9484	Kern	Knob Hill	336	Y4	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9485	Kern	Knob Hill	336	Y5	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9486	Kern	Knob Hill	336	Y8	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9487	Kern	Knob Hill	336	Y10	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9488	Kern	Knob Hill	336	Y11	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9489	Kern	Knob Hill	336	Y12	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9490	Kern	Knob Hill	336	Y13	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9491	Kern	Knob Hill	336	Y14	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9492	Kern	Knob Hill	336	Y17	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
9493	Los Angeles	Van Nuys	337	2	Encino	59-A	Encino		no age provided			
9494	Los Angeles	Van Nuys	337	4	Encino	59-A			no age provided			
9495	Los Angeles	Van Nuys	337	5	Encino	59-A			no age provided			
9496	Los Angeles	Van Nuys	337	6	Encino	59-A			no age provided			
9497	Los Angeles	Van Nuys	337	7	Encino	59-A			no age provided			
9498	Los Angeles	Van Nuys	337	8	Encino	59-A			no age provided			
9499	Los Angeles	Van Nuys	337	9A	Encino	59-A			no age provided			
9500	San Luis Obispo	Taylor Canyon	338	1	NE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9501	San Luis Obispo	Taylor Canyon	338	3	NE part of quad	80-A	Caliente Mtn 15'			Paap		
9502	San Luis Obispo	Taylor Canyon	338	4	NE part of quad	80-A	Caliente Mtn 15'		Saucesian	Paap		
9503	San Luis Obispo	Taylor Canyon	338	7	NE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9504	San Luis Obispo	Taylor Canyon	338	20	NE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9505	San Luis Obispo	Taylor Canyon	338	21	NE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9506	San Luis Obispo	Taylor Canyon	338	A	NE part of quad	80-A	Caliente Mtn 15'		L Miocene	Paap		
9507	San Luis Obispo	Taylor Canyon	338	23	NE part of quad	80-A	Caliente Mtn 15'		not diagnostic	Paap		
9508	San Luis Obispo	Taylor Canyon	338	24	NE part of quad	80-A	Caliente Mtn 15'		not diagnostic	Paap		
9509	San Luis Obispo	Taylor Canyon	338	33	NE part of quad	80-A	Caliente Mtn 15'		not diagnostic	Paap		
9510	San Luis Obispo	Taylor Canyon	338	34	NE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9511	San Luis Obispo	Taylor Canyon	338	35	NE part of quad	80-A	Caliente Mtn 15'		not diagnostic	Paap		
9512	San Luis Obispo	Taylor Canyon	338	36	NE part of quad	80-A	Caliente Mtn 15'		not diagnostic	Paap		
9513	San Luis Obispo	Taylor Canyon	338	37	NE part of quad	80-A	Caliente Mtn 15'		not diagnostic	Paap		
9514	San Luis Obispo	Taylor Canyon	338	38	NE part of quad	80-A	Caliente Mtn 15'		not diagnostic	Paap		
9515	San Luis Obispo	Chimineas Ranch	338	39	NE part of quad	80-A	Caliente Mtn 15'		not diagnostic	Paap		
9516	San Luis Obispo	Chimineas Ranch	338	40	SE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9517	San Luis Obispo	Chimineas Ranch	338	41	SE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9518	San Luis Obispo	Chimineas Ranch	338	43	SE part of quad	80-A	Caliente Mtn 15'		not diagnostic	Paap		
9519	San Luis Obispo	Chimineas Ranch	338	45	SE part of quad	80-A	Caliente Mtn 15'		not diagnostic	Paap		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
9520	San Luis Obispo	Chimineas Ranch	338	46	SE part of quad	80-A	Caliente Mtn 15'		not diagnostic	Paap		
9521	San Luis Obispo	Chimineas Ranch	338	47	SE part of quad	80-A	Caliente Mtn 15'		Saucesian	Paap		
9522	San Luis Obispo	Chimineas Ranch	338	50	SE part of quad	80-A	Caliente Mtn 15'		barren	Paap		
9523	San Luis Obispo	Chimineas Ranch	338	51	SE part of quad	80-A	Caliente Mtn 15'		barren	Paap		
9524	San Luis Obispo	Chimineas Ranch	338	52	SE part of quad	80-A	Caliente Mtn 15'		barren	Paap		
9525	San Luis Obispo	Chimineas Ranch	338	53	SE part of quad	80-A	Caliente Mtn 15'		barren	Paap		
9526	San Luis Obispo	Chimineas Ranch	338	54	SE part of quad	80-A	Caliente Mtn 15'		barren	Paap		
9527	San Luis Obispo	Chimineas Ranch	338	55	SE part of quad	80-A	Caliente Mtn 15'		barren	Paap		
9528	San Luis Obispo	Chimineas Ranch	338	56	SE part of quad	80-A	Caliente Mtn 15'		barren	Paap		
9529	San Luis Obispo	Chimineas Ranch	338	57	SE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9530	San Luis Obispo	Chimineas Ranch	338	65	SE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9531	San Luis Obispo	Chimineas Ranch	338	66	SE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9532	San Luis Obispo	Chimineas Ranch	338	67	SE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9533	San Luis Obispo	Chimineas Ranch	338	69	SE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9534	San Luis Obispo	Chimineas Ranch	338	70	SE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9535	San Luis Obispo	Chimineas Ranch	338	74	SE part of quad	80-A	Caliente Mtn 15'		Saucesian	Paap		
9536	San Luis Obispo	Chimineas Ranch	338	77	SE part of quad	80-A	Caliente Mtn 15'		Saucesian	Paap		
9537	San Luis Obispo	Chimineas Ranch	338	78	SE part of quad	80-A	Caliente Mtn 15'		Saucesian	Paap		
9538	San Luis Obispo	Chimineas Ranch	338	80	SE part of quad	80-A	Caliente Mtn 15'		Luisian	Paap		
9539	San Luis Obispo	Chimineas Ranch	338	81	SE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9540	San Luis Obispo	Chimineas Ranch	338	82	SE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9541	San Luis Obispo	Chimineas Ranch	338	83	SE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9542	San Luis Obispo	Chimineas Ranch	338	84	SE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9543	San Luis Obispo	Chimineas Ranch	338	85	SE part of quad	80-A	Caliente Mtn 15'		Saucesian	Paap		
9544	San Luis Obispo	Chimineas Ranch	338	87	SE part of quad	80-A	Caliente Mtn 15'		Saucesian	Paap		
9545	San Luis Obispo	Chimineas Ranch	338	95	SE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9546	San Luis Obispo	Chimineas Ranch	338	97	SE part of quad	80-A	Caliente Mtn 15'		Luisian	Paap		
9547	San Luis Obispo	Chimineas Ranch	338	98	SE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9548	San Luis Obispo	Chimineas Ranch	338	101	SE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
9549	San Luis Obispo	Chimineas Ranch	338	109	SE part of quad	80-A	Caliente Mtn 15'		Luisian	Paap		
9550	Kern	Emigrant Hill	339	C1	Wagon Wheel Mtn	126-H	not on map		no paleo info			
9551	Kern	Emigrant Hill	339	C2	Wagon Wheel Mtn	126-H	not on map		no paleo info			
9552	Kern	Emigrant Hill	339	C3	Wagon Wheel Mtn	126-H	not on map		no paleo info			
9553	Kern	Emigrant Hill	339	C4	Wagon Wheel Mtn	126-H	not on map		no paleo info			
9554	Kern	Emigrant Hill	339	C5	Wagon Wheel Mtn	126-H	not on map		no paleo info			
9555	Kern	Emigrant Hill	339	C6	Wagon Wheel Mtn	126-H	not on map		no paleo info			
9556	Kern	Emigrant Hill	339	C8	Wagon Wheel Mtn	126-H	not on map		no paleo info			
9557	Kern	Emigrant Hill	339	C10	Wagon Wheel Mtn	126-H	not on map		no paleo info			
9558	Kern	Emigrant Hill	339	C11	Wagon Wheel Mtn	126-H	not on map		no paleo info			
9559	Kern	Emigrant Hill	339	C13	Wagon Wheel Mtn	126-H	not on map		no paleo info			
9560	Kern	Emigrant Hill	339	C14	Wagon Wheel Mtn	126-H	not on map		no paleo info			
9561	Kern	Emigrant Hill	339	C15	Wagon Wheel Mtn	126-H	not on map		no paleo info			
9562	Kern	Emigrant Hill	339	C16	Wagon Wheel Mtn	126-H	not on map		no paleo info			
9563	Kern	Emigrant Hill	339	C19	Wagon Wheel Mtn	126-H	not on map		no paleo info			
9564	Kern	Emigrant Hill	339	C23	Wagon Wheel Mtn	126-H	not on map		no paleo info			
9565	Kern	Emigrant Hill	339	C25	Wagon Wheel Mtn	126-H	not on map		no paleo info			
9566	Kern	Emigrant Hill	339	C26	Wagon Wheel Mtn	126-H	not on map		no paleo info			
9567	Kern	Emigrant Hill	339	C27	Wagon Wheel Mtn	126-H	not on map		no paleo info			
9568	Kern	Emigrant Hill	339	C28	Wagon Wheel Mtn	126-I	not on map		no paleo info			
9569	Kern	Emigrant Hill	339	C29	Wagon Wheel Mtn	126-I	not on map		no paleo info			
9570	Kern	Emigrant Hill	339	C30	Wagon Wheel Mtn	126-I	not on map		no paleo info			
9571	Kern	Emigrant Hill	339	C31	Wagon Wheel Mtn	126-I	not on map		no paleo info			
9572	Kern	Oil Center	340	17	Reed Canyon	I-13	not on map	Prob auger	no paleo info			
9573	Kern	Oil Center	340	25	Reed Canyon	I-13	not on map	Prob auger	no paleo info			
9574	Kern	Oil Center	340	32	Reed Canyon	I-13	not on map	Prob auger	no paleo info			
9575	Kern	Oil Center	340	50	Reed Canyon	I-13	not on map	Prob auger	no paleo info			
9576	Kern	Oil Center	340	55	Reed Canyon	I-13	not on map	Prob auger	no paleo info			
9577	Kern	Oil Center	340	60	Reed Canyon	I-13	not on map	Prob auger	no paleo info			
9578	Kern	Oil Center	340	65	Reed Canyon	I-13	not on map	Prob auger	no paleo info			
9579	Kern	Oil Center	340	70	Reed Canyon	I-13	not on map	Prob auger	no paleo info			
9580	Kern	Eagle Rest Peak	341	P1	NW part of quad	66-N			no paleo info	Darke		
9581	Kern	Eagle Rest Peak	341	P2	NW part of quad	66-N			no paleo info	Darke		
9582	Kern	Eagle Rest Peak	341	P3	NW part of quad	66-N			no paleo info	Darke		
9583	Kern	Eagle Rest Peak	341	P4	NW part of quad	66-N			no paleo info	Darke		
9584	Kern	Eagle Rest Peak?	341	P5	Did not find	66-N			no paleo info	Darke		
9585	Kern	Santiago Creek	341	P6	NE part of quad	66-N			no paleo info	Darke		
9586	Kern	Pentland?	341	P8	Did not find	66-N			no paleo info	Darke		
9587	Ventura	Reyes Peak	341	42	center of quad	55-A			Narizian			
9588	Ventura	Reyes Peak	341	48	center of quad	55-A			Narizian			
9589	Kern	Maricopa	342	M1	SW Hazelton	66-N	see also Vent	S Guillermo	no paleo info	Darke		
9590	Kern	Maricopa	342	M2	SW Hazelton	66-N			no paleo info	Darke		
9591	Kern	Maricopa	342	M3	SW Hazelton	66-N			no paleo info	Darke		
9592	Kern	Maricopa	342	M5	SW Hazelton	66-N			no paleo info	Darke		
9593	Kern	Maricopa	342	M6	SW Hazelton	66-N			no paleo info	Darke		
9594	Kern	Maricopa	342	M8	SW Hazelton	66-N			no paleo info	Darke		
9595	Kern	Maricopa	342	M9	SW Hazelton	66-N			no paleo info	Darke		
9596	Kern	Maricopa	342	M12	SW Hazelton	66-N			no paleo info	Darke		
9597	Kern	Maricopa	342	M13	SW Hazelton	66-N			no paleo info	Darke		
9598	Kern	Maricopa	342	M14	SW Hazelton	66-N			no paleo info	Darke		
9599	Kern	Maricopa	342	M17	SW Hazelton	66-N			no paleo info	Darke		
9600	Kern	Maricopa	342	M18	SW Hazelton	66-N			no paleo info	Darke		
9601	Kern	Maricopa	342	M19	SW Hazelton	66-N			no paleo info	Darke		
9602	Kern	Maricopa	342	M20	SW Hazelton	66-N			no paleo info	Darke		
9603	Kern	Maricopa	342	M22	SW Hazelton	66-N			no paleo info	Darke		
9604	Ventura	Whitaker Peak	343	1	Canton Canyon	56-K	see loc 167 for	Age from	Eocene	Shepard		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
9605	Ventura	Whitaker Peak	343	2	Canton Canyon	56-K	foram and mollusk	slide but have	Eocene	Shepard		
9606	Ventura	Whitaker Peak	343	3	Canton Canyon	56-K	check list.	paleo cards	Eocene	Shepard		
9607	Ventura	Whitaker Peak	343	4	Canton Canyon	56-K			Eocene	Shepard		
9608	Ventura	Whitaker Peak	343	5	Canton Canyon	56-K			Eocene	Shepard		
9609	Ventura	Whitaker Peak	343	6	Canton Canyon	56-K	#s 4 and 5 have		Eocene	Shepard		
9610	Ventura	Whitaker Peak	343	7	Canton Canyon	56-K	Discocyclus		Eocene	Shepard		
9611	Ventura	Whitaker Peak	343	8	Canton Canyon	56-K			Eocene	Shepard		
9612	Ventura	Whitaker Peak	343	9	Canton Canyon	56-K	UCLA thesis		Eocene	Shepard		
9613	Ventura	Whitaker Peak	343	10	Canton Canyon	56-K			Eocene	Shepard		
9614	Ventura	Whitaker Peak	343	11	Canton Canyon	56-K			Eocene	Shepard		
9615	Ventura	Whitaker Peak	343	12	Canton Canyon	56-K			Eocene	Shepard		
9616	Ventura	Whitaker Peak	343	13	Canton Canyon	56-K			Eocene	Shepard		
9617	Ventura	Whitaker Peak	343	16	Canton Canyon	56-K			Eocene	Shepard		
9618	Ventura	Whitaker Peak	343	18	Canton Canyon	56-K			Eocene	Shepard		
9619	Ventura	Whitaker Peak	343	20	Canton Canyon	56-K			Eocene	Shepard		
9620	Ventura	Whitaker Peak	343	21	Canton Canyon	56-K			Eocene	Shepard		
9621	Ventura	Whitaker Peak	343	22	Canton Canyon	56-K			Eocene	Shepard		
9622	Ventura	Whitaker Peak	343	23	Canton Canyon	56-K			Eocene	Shepard		
9623	Ventura	Whitaker Peak	343	24	Canton Canyon	56-K			Eocene	Shepard		
9624	Ventura	Whitaker Peak	343	25	Canton Canyon	56-K			Eocene	Shepard		
9625	Ventura	Whitaker Peak	343	26	Canton Canyon	56-K			Eocene	Shepard		
9626	San Benito	Hepsedem Peak	343	1	James Canyon	71-A	Hernandez 15'	not on map	Upper Delmontian	Reed &		
9627	San Benito	Hepsedem Peak	343	2	James Canyon	71-A	Hernandez 15'	but have	Upper Delmontian	Reed &		
9628	San Benito	Hepsedem Peak	343	3	James Canyon	71-A	Hernandez 15'	strat column	Upper Delmontian	Reed &		
9629	San Benito	Hepsedem Peak	343	4	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9630	San Benito	Hepsedem Peak	343	5	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9631	San Benito	Hepsedem Peak	343	5g	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9632	San Benito	Hepsedem Peak	343	6	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9633	San Benito	Hepsedem Peak	343	7	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9634	San Benito	Hepsedem Peak	343	8	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9635	San Benito	Hepsedem Peak	343	9	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9636	San Benito	Hepsedem Peak	343	10	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9637	San Benito	Hepsedem Peak	343	11	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9638	San Benito	Hepsedem Peak	343	12	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9639	San Benito	Hepsedem Peak	343	13	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9640	San Benito	Hepsedem Peak	343	14	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9641	San Benito	Hepsedem Peak	343	15	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9642	San Benito	Hepsedem Peak	343	16	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9643	San Benito	Hepsedem Peak	343	18	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9644	San Benito	Hepsedem Peak	343	19	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9645	San Benito	Hepsedem Peak	343	20	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9646	San Benito	Hepsedem Peak	343	21	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9647	San Benito	Hepsedem Peak	343	22	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9648	San Benito	Hepsedem Peak	343	23	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9649	San Benito	Hepsedem Peak	343	24	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9650	San Benito	Hepsedem Peak	343	25	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
9651	Ventura	Simi Valley East	344	238	not on map	76-J	Located in Oil	Have strat	Eocene			
9652	Ventura	Simi Valley East	344	239	not on map	76-J	Caynon north of	column	Eocene			
9653	Ventura	Simi Valley East	344	240	not on map	76-J	Simi Valley but	Llajas Fm	Eocene			
9654	Ventura	Simi Valley East	344	241	not on map	76-J	this name is not on	Llajas Fm	Eocene			
9655	Ventura	Simi Valley East	344	242	not on map	76-J	modern topo maps	Llajas Fm	Eocene			
9656	Ventura	Simi Valley East	344	243	not on map	76-J		Llajas Fm	Eocene			
9657	Ventura	Simi Valley East	344	244	not on map	76-J		Llajas Fm	Eocene			
9658	Ventura	Simi Valley East	344	245	not on map	76-J		Llajas Fm	Eocene			
9659	Ventura	Simi Valley East	344	247	not on map	76-J		Llajas Fm	Eocene			
9660	Ventura	Simi Valley East	344	250	not on map	76-J		Llajas Fm	Eocene			
9661	Ventura	Simi Valley East	344	252	not on map	76-J		Llajas Fm	Eocene			
9662	Ventura	Simi Valley East	344	254	not on map	76-J		Llajas Fm	Eocene			
9663	Ventura	Simi Valley East	344	255	not on map	76-J		Llajas Fm	Eocene			
9664	Ventura	Simi Valley East	344	256	not on map	76-J		Llajas Fm	Eocene			
9665	Ventura	Simi Valley East	344	258	not on map	76-J		Llajas Fm	Eocene			
9666	Ventura	Simi Valley East	344	260	not on map	76-J		Llajas Fm	Eocene			
9667	Ventura	Simi Valley East	344	261	not on map	76-J		Llajas Fm	Eocene			
9668	Ventura	Simi Valley East	344	262	not on map	76-J		Llajas Fm	Eocene			
9669	Ventura	Simi Valley East	344	263	not on map	76-J		Llajas Fm	Eocene			
9670	Ventura	Simi Valley East	344	265	not on map	76-J		Llajas Fm	Eocene			
9671	Ventura	Simi Valley East	344	266	not on map	76-J		Llajas Fm	Eocene			
9672	Ventura	Simi Valley East	344	267	not on map	76-J		Llajas Fm	Eocene			
9673	Ventura	Simi Valley East	344	268	not on map	76-J		Llajas Fm	Eocene			
9674	Ventura	Simi Valley East	344	269	not on map	76-J		Llajas Fm	Eocene			
9675	Ventura	Simi Valley East	344	270	not on map	76-J		Llajas Fm	Eocene			
9676	Ventura	Simi Valley East	344	271	not on map	76-J		Llajas Fm	Eocene			
9677	Ventura	Simi Valley East	344	273	not on map	76-J		Llajas Fm	Eocene			
9678	Ventura	Simi Valley East	344	275	not on map	76-J		Llajas Fm	Eocene			
9679	Ventura	Simi Valley East	344	276	not on map	76-J		Llajas Fm	Eocene			
9680	Ventura	Simi Valley East	344	277	not on map	76-J		Llajas Fm	Eocene			
9681	Ventura	Simi Valley East	344	281	not on map	76-J		Llajas Fm	Eocene			
9682	Ventura	Simi Valley East	344	282	not on map	76-J		Llajas Fm	Eocene			
9683	Ventura	Simi Valley East	344	283	not on map	76-J		Llajas Fm	Eocene			
9684	Ventura	Simi Valley East	344	287	not on map	76-J		Llajas Fm	Eocene			
9685	Ventura	Simi Valley East	344	288	not on map	76-J		Llajas Fm	Eocene			
9686	Ventura	Simi Valley East	344	289	not on map	76-J		Llajas Fm	Eocene			
9687	Ventura	Simi Valley East	344	290	not on map	76-J		Llajas Fm	Eocene			
9688	Ventura	Simi Valley East	344	293	not on map	76-J		Llajas Fm	Eocene			
9689	Ventura	Simi Valley East	344	294	not on map	76-J		Llajas Fm	Eocene			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
9690	Ventura	Simi Valley East	344	295	not on map	76-K		Llajas Fm	Eocene			
9691	Ventura	Simi Valley East	344	296	not on map	76-K		Llajas Fm	Eocene			
9692	Ventura	Simi Valley East	344	297	not on map	76-K		Llajas Fm	Eocene			
9693	Ventura	Simi Valley East	344	298	not on map	76-K		Llajas Fm	Eocene			
9694	Ventura	Simi Valley East	344	299	not on map	76-K		Llajas Fm	Eocene			
9695	Ventura	Simi Valley East	344	300	not on map	76-K		Llajas Fm	Eocene			
9696	Ventura	Simi Valley East	344	301	not on map	76-K		Llajas Fm	Eocene			
9697	Ventura	Simi Valley East	344	302	not on map	76-K		Llajas Fm	Eocene			
9698	Ventura	Simi Valley East	344	303	not on map	76-K		Llajas Fm	Eocene			
9699	Ventura	Simi Valley East	344	304	not on map	76-K		Llajas Fm	Eocene			
9700	Ventura	Simi Valley East	344	305	not on map	76-K		Llajas Fm	Eocene			
9701	Ventura	Simi Valley East	344	306	not on map	76-K		Llajas Fm	Eocene			
9702	Ventura	Simi Valley East	344	307	not on map	76-K		Llajas Fm	Eocene			
9703	Ventura	Simi Valley East	344	308	not on map	76-K		Llajas Fm	Eocene			
9704	Ventura	Simi Valley East	344	309	not on map	76-K		Llajas Fm	Eocene			
9705	Ventura	Wheeler Springs	344	1	Sespe Gorge	55-L	Hwy 399		Eocene			
9706	Ventura	Wheeler Springs	344	3	Sespe Gorge	55-L			Eocene			
9707	Ventura	Wheeler Springs	344	4	Sespe Gorge	55-L			Eocene			
9708	Ventura	Wheeler Springs	344	5	Sespe Gorge	55-L			Eocene			
9709	Ventura	Wheeler Springs	344	6	Sespe Gorge	55-L			Eocene			
9710	Ventura	Wheeler Springs	344	7	Sespe Gorge	55-L			Eocene			
9711	Ventura	Wheeler Springs	344	8	Sespe Gorge	55-L			Eocene			
9712	Ventura	Wheeler Springs	344	9	Sespe Gorge	55-L			Eocene			
9713	Ventura	Wheeler Springs	344	10	Sespe Gorge	55-L			Eocene			
9714	Ventura	Wheeler Springs	344	11	Sespe Gorge	55-L			Eocene			
9715	Ventura	Wheeler Springs	344	13	Sespe Gorge	55-L			Eocene			
9716	Ventura	Wheeler Springs	344	14	Sespe Gorge	55-L			Eocene			
9717	Ventura	Wheeler Springs	344	15	Sespe Gorge	55-L			Eocene			
9718	Ventura	Wheeler Springs	344	16	Sespe Gorge	55-L			Eocene			
9719	Ventura	Wheeler Springs	344	17	Sespe Gorge	55-L			Eocene			
9720	Ventura	Wheeler Springs	344	18	Sespe Gorge	55-L			Eocene			
9721	Ventura	Wheeler Springs	344	19	Sespe Gorge	55-L			Eocene			
9722	Ventura	Wheeler Springs	344	20	Sespe Gorge	55-L			Eocene			
9723	Ventura	Wheeler Springs	344	25	Sespe Gorge	55-L			Eocene			
9724	Ventura	Wheeler Springs	344	26	Sespe Gorge	55-L			Eocene			
9725	Ventura	Wheeler Springs	344	31	Sespe Gorge	55-L			Eocene			
9726	Ventura	Simi Valley East	345	329	Simi Valley area	79-K	S. Susana fm.	Age from	Paleocene D zone			
9727	Ventura	Simi Valley East	345	330	Simi Valley area	79-K	Did not find the	Weaver	Paleocene D zone			
9728	Ventura	Simi Valley East	345	336	Simi Valley area	79-K	locality. Strat		Paleocene D zone			
9729	Ventura	Simi Valley East	345	337	Simi Valley area	79-K	column indicates it		Paleocene D zone			
9730	Ventura	Simi Valley East	345	338	Simi Valley area	79-K	is in Llagas and		Paleocene D zone			
9731	Ventura	Simi Valley East	345	339	Simi Valley area	79-K	Poison Oak Canyons		Paleocene D zone			
9732	Ventura	Simi Valley East	345	340	Simi Valley area	79-K	in center of Simi		Paleocene D zone			
9733	Ventura	Simi Valley East	345	341	Simi Valley area	79-K	Valley East quad.		Paleocene D zone			
9734	Ventura	Simi Valley East	345	342	Simi Valley area	79-K			Paleocene D zone			
9735	Ventura	Simi Valley East	345	343	Simi Valley area	79-K			Paleocene D zone			
9736	Ventura	Simi Valley East	345	344	Simi Valley area	79-K			Paleocene D zone			
9737	Ventura	Simi Valley East	345	345	Simi Valley area	79-K			Paleocene D zone			
9738	Ventura	Simi Valley East	345	346	Simi Valley area	79-K			Paleocene D zone			
9739	Ventura	Simi Valley East	345	347	Simi Valley area	79-K			Paleocene D zone			
9740	Ventura	Simi Valley East	345	348	Simi Valley area	79-K			Paleocene D zone			
9741	Ventura	Simi Valley East	345	349	Simi Valley area	79-K			Paleocene D zone			
9742	Ventura	Simi Valley East	345	350	Simi Valley area	79-K			Paleocene D zone			
9743	Ventura	Simi Valley East	345	351	Simi Valley area	79-K			Paleocene D zone			
9744	Ventura	Simi Valley East	345	352	Simi Valley area	79-K			Paleocene D zone			
9745	Ventura	Simi Valley East	345	353	Simi Valley area	79-K			Paleocene D zone			
9746	Ventura	Simi Valley East	345	354	Simi Valley area	79-K			Paleocene D zone			
9747	Ventura	Simi Valley East	345	355	Simi Valley area	79-K			Paleocene D zone			
9748	Ventura	Simi Valley East	345	356	Simi Valley area	79-K			Paleocene D zone			
9749	Ventura	Simi Valley East	345	357	Simi Valley area	79-K			Paleocene D zone			
9750	Ventura	Simi Valley East	345	358	Simi Valley area	79-K			Paleocene D zone			
9751	Ventura	Simi Valley East	345	359	Simi Valley area	79-K			Paleocene D zone			
9752	Ventura	Simi Valley East	345	360	Simi Valley area	79-K			Paleocene D zone			
9753	Ventura	Simi Valley East	345	361	Simi Valley area	79-K			Paleocene D zone			
9754	Ventura	Simi Valley East	345	362	Simi Valley area	79-K			Paleocene D zone			
9755	Ventura	Simi Valley East	345	363	Simi Valley area	79-K			Paleocene D zone			
9756	Ventura	Simi Valley East	345	364	Simi Valley area	79-K			Paleocene D zone			
9757	Ventura	Simi Valley East	345	365	Simi Valley area	79-K			Paleocene D zone			
9758	Ventura	Simi Valley East	345	366	Simi Valley area	79-K			Paleocene D zone			
9759	Ventura	Simi Valley East	345	367	Simi Valley area	79-K			Paleocene D zone			
9760	Ventura	Simi Valley East	345	368	Simi Valley area	79-K			Paleocene D zone			
9761	Ventura	Simi Valley East	345	369	Simi Valley area	79-K			Paleocene D zone			
9762	Ventura	Simi Valley East	345	370	Simi Valley area	79-K			Paleocene D zone			
9763	Ventura	Simi Valley East	345	371	Simi Valley area	79-K			Paleocene D zone			
9764	Ventura	Simi Valley East	345	372	Simi Valley area	79-K			Paleocene D zone			
9765	Ventura	Simi Valley East	345	374	Simi Valley area	79-K			Paleocene D zone			
9766	Ventura	Simi Valley East	345	375	Simi Valley area	79-K			Paleocene D zone			
9767	Ventura	Simi Valley East	345	376	Simi Valley area	79-K			Paleocene D zone			
9768	Ventura	Simi Valley East	345	377	Simi Valley area	79-K			Paleocene D zone			
9769	Ventura	Simi Valley East	345	378	Simi Valley area	79-K			Paleocene D zone			
9770	Ventura	Simi Valley East	345	379	Simi Valley area	79-K			Paleocene D zone			
9771	Ventura	Simi Valley East	345	380	Simi Valley area	79-K			Paleocene D zone			
9772	Ventura	Simi Valley East	345	381	Simi Valley area	79-K			Paleocene D zone			
9773	Ventura	Simi Valley East	345	382	Simi Valley area	79-K			Paleocene D zone			
9774	Ventura	Simi Valley East	345	383	Simi Valley area	79-L			Paleocene D zone			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
10370	Stanislaus	Patterson	352	92	Crow Canyon	224-N	strat column		U Cret C/D-1 zone			
10371	Stanislaus	Patterson	352	93	Crow Canyon	224-N	strat column		U Cret C/D-1 zone			
10372	Stanislaus	Patterson	352	94	Crow Canyon	224-N	strat column		U Cret C/D-1 zone			
10373	Stanislaus	Patterson	352	95	Crow Canyon	224-N	strat column		U Cret C/D-1 zone			
10374	Stanislaus	Patterson	352	100	Crow Canyon	224-M	strat column		U Cret C/D-1 zone			
10375	Stanislaus	Patterson	352	102	Crow Canyon	224-M	strat column		U Cret C/D-1 zone			
10376	Stanislaus	Patterson	352	103	Crow Canyon	224-M	strat column		U Cret C/D-1 zone			
10377	Stanislaus	Patterson	352	104	Crow Canyon	224-N	strat column		not diagnostic			
10378	Stanislaus	Patterson	352	106	Crow Canyon	224-N	strat column		not diagnostic			
10379	Stanislaus	Patterson	352	107	Crow Canyon	224-N	strat column		not diagnostic			
10380	San Luis Obispo	Cuyama	352	1	E of Cuyama Ran.	46-G			not diagnostic			
10381	San Luis Obispo	Cuyama	352	3	E of Cuyama Ran.	46-G			not diagnostic			
10382	San Luis Obispo	Cuyama	352	4	E of Cuyama Ran.	46-G			not diagnostic			
10383	San Luis Obispo	Cuyama	352	5	E of Cuyama Ran.	46-G			not diagnostic			
10384	San Luis Obispo	Cuyama	352	6	E of Cuyama Ran.	46-G			not diagnostic			
10385	San Luis Obispo	Cuyama	352	7	E of Cuyama Ran.	46-G			not diagnostic			
10386	San Luis Obispo	Cuyama	352	8	E of Cuyama Ran.	46-G			not diagnostic			
10387	San Luis Obispo	Cuyama	352	9	E of Cuyama Ran.	46-G			not diagnostic			
10388	Marin	Drakes Bay	353	2	Pt Reyes area	99-L			not diagnostic	Newton		
10389	Marin	Drakes Bay	353	9	Pt Reyes area	99-L			not diagnostic	Newton		
10390	Marin	Drakes Bay	353	10	Pt Reyes area	99-L			not diagnostic	Newton		
10391	Marin	Drakes Bay	353	16	Pt Reyes area	99-L			not diagnostic	Newton		
10392	Marin	Drakes Bay	353	19	Pt Reyes area	99-L			not diagnostic	Newton		
10393	Marin	Drakes Bay	353	20	Pt Reyes area	99-L			not diagnostic	Newton		
10394	Marin	Drakes Bay	353	21	Pt Reyes area	99-L			not diagnostic	Newton		
10395	Marin	Drakes Bay	353	22	Pt Reyes area	99-L			not diagnostic	Newton		
10396	Marin	Drakes Bay	353	23	Pt Reyes area	99-L			not diagnostic	Newton		
10397	Marin	Drakes Bay	353	24	Pt Reyes area	99-L			not diagnostic	Newton		
10398	Marin	Drakes Bay	353	25	Pt Reyes area	99-L			not diagnostic	Newton		
10399	Marin	Drakes Bay	353	26	Pt Reyes area	99-L			not diagnostic	Newton		
10400	Marin	Drakes Bay	353	27	Pt Reyes area	99-L			not diagnostic	Newton		
10401	Marin	Drakes Bay	353	28	Pt Reyes area	99-L			not diagnostic	Newton		
10402	Marin	Drakes Bay	353	29	Pt Reyes area	99-L			not diagnostic	Newton		
10403	Marin	Drakes Bay	353	30	Pt Reyes area	99-L			not diagnostic	Newton		
10404	Marin	Drakes Bay	353	31	Pt Reyes area	99-L			not diagnostic	Newton		
10405	Marin	Drakes Bay	353	32	Pt Reyes area	99-L			not diagnostic	Newton		
10406	Marin	Drakes Bay	353	33	Pt Reyes area	99-L			not diagnostic	Newton		
10407	Marin	Drakes Bay	353	34	Pt Reyes area	99-L			not diagnostic	Newton		
10408	Marin	Drakes Bay	353	35	Pt Reyes area	99-L			not diagnostic	Newton		
10409	Marin	Drakes Bay	353	36	Pt Reyes area	99-L			not diagnostic	Newton		
10410	Marin	Drakes Bay	353	38	Pt Reyes area	99-L			not diagnostic	Newton		
10411	Marin	Drakes Bay	353	39	Pt Reyes area	99-L			not diagnostic	Newton		
10412	Marin	Drakes Bay	353	40	Pt Reyes area	99-L			not diagnostic	Newton		
10413	Marin	Drakes Bay	353	41	Pt Reyes area	99-L			not diagnostic	Newton		
10414	Marin	Inverness	353	42	Pt Reyes area	99-L			not diagnostic	Newton		
10415	Marin	Drakes Bay	353	43	Pt Reyes area	99-L			not diagnostic	Newton		
10416	Marin	Inverness	353	56	Pt Reyes area	99-L			not diagnostic	Newton		
10417	Marin	Inverness	353	57	Pt Reyes area	99-L			not diagnostic	Newton		
10418	Marin	Inverness	353	58	Pt Reyes area	99-L			not diagnostic	Newton		
10419	Marin	Inverness	353	60	Pt Reyes area	99-L			not diagnostic	Newton		
10420	Marin	Inverness	353	61	Pt Reyes area	99-L			not diagnostic	Newton		
10421	Marin	Inverness	353	62	Pt Reyes area	99-L			not diagnostic	Newton		
10422	Marin	Inverness	353	63	Pt Reyes area	99-L			not diagnostic	Newton		
10423	Marin	Inverness	353	64	Pt Reyes area	99-L			not diagnostic	Newton		
10424	Marin	Inverness	353	70	Pt Reyes area	99-L			not diagnostic	Newton		
10425	Marin	Double Point	353	71	Pt Reyes area	99-L			not diagnostic	Newton		
10426	Marin	Double Point	353	72	Pt Reyes area	99-L			not diagnostic	Newton		
10427	Marin	Double Point	353	73	Pt Reyes area	99-L			not diagnostic	Newton		
10428	Marin	Double Point	353	74	Pt Reyes area	99-L			not diagnostic	Newton		
10429	Marin	Double Point	353	75	Pt Reyes area	99-L			not diagnostic	Newton		
10430	Marin	Double Point	353	76	Pt Reyes area	99-L			not diagnostic	Newton		
10431	Marin	Double Point	353	77	Pt Reyes area	99-L			not diagnostic	Newton		
10432	Marin	Double Point	353	80	Pt Reyes area	99-L			not diagnostic	Newton		
10433	Marin	Drakes Bay	353	81	Pt Reyes area	99-L			not diagnostic	Newton		
10434	Marin	Drakes Bay	353	82	Pt Reyes area	99-L			not diagnostic	Newton		
10435	Marin	Drakes Bay	353	83	Pt Reyes area	99-L			not diagnostic	Newton		
10436	Marin	Drakes Bay	353	84	Pt Reyes area	99-L			not diagnostic	Newton		
10437	Marin	Drakes Bay	353	85	Pt Reyes area	99-L			not diagnostic	Newton		
10438	Marin	Drakes Bay	353	86	Pt Reyes area	99-L			not diagnostic	Newton		
10439	Marin	Drakes Bay	353	87	Pt Reyes area	99-L			not diagnostic	Newton		
10440	Marin	Double Point	353	97	Pt Reyes area	99-L			not diagnostic	Newton		
10441	Marin	Double Point	353	98	Pt Reyes area	99-L			not diagnostic	Newton		
10442	Marin	Double Point	353	99	Pt Reyes area	99-L			not diagnostic	Newton		
10443	Marin	Double Point	353	100	Pt Reyes area	99-L			not diagnostic	Newton		
10444	Marin	Double Point	353	102	Pt Reyes area	99-L			not diagnostic	Newton		
10445	Marin	Double Point	353	108	Pt Reyes area	99-L			not diagnostic	Newton		
10446	Marin	Double Point	353	114	Pt Reyes area	99-L			not diagnostic	Newton		
10447	Marin	Double Point	353	115	Pt Reyes area	99-M			not diagnostic	Newton		
10448	Marin	Double Point	353	117	Pt Reyes area	99-M			not diagnostic	Newton		
10449	Marin	Double Point	353	120	Pt Reyes area	99-M			not diagnostic	Newton		
10450	Marin	Double Point	353	122	Pt Reyes area	99-M			not diagnostic	Newton		
10451	Marin	Inverness	353	123	Pt Reyes area	99-M			Mohnian	Newton		
10452	Marin	Inverness	353	124	Pt Reyes area	99-M			not diagnostic	Newton		
10453	Marin	Inverness	353	125	Pt Reyes area	99-M			not diagnostic	Newton		
10454	Marin	Inverness	353	126	Pt Reyes area	99-M			not diagnostic	Newton		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5 QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
10455	Marin	Inverness	353	127	Pt Reyes area	99-M			not diagnostic	Newton		
10456	Marin	Inverness	353	128	Pt Reyes area	99-M			not diagnostic	Newton		
10457	Marin	Inverness	353	130	Pt Reyes area	99-M			not diagnostic	Newton		
10458	Marin	Double Point	353	131	Pt Reyes area	99-M			not diagnostic	Newton		
10459	Santa Barbara	Carpenteria	354	1	Summerland	96-G			no paleo info	Ruth		
10460	Santa Barbara	Carpenteria	354	3	Summerland	96-G			no paleo info	Ruth		
10461	Santa Barbara	Carpenteria	354	7	Summerland	96-G			no paleo info	Ruth		
10462	Santa Barbara	Carpenteria	354	9	Summerland	96-G			no paleo info	Ruth		
10463	Santa Barbara	Carpenteria	354	12	Summerland	96-G			no paleo info	Ruth		
10464	Santa Barbara	Carpenteria	354	13	Summerland	96-G			no paleo info	Ruth		
10465	Santa Barbara	Carpenteria	354	14	Summerland	96-G			no paleo info	Ruth		
10466	Santa Barbara	Carpenteria	354	15	Summerland	96-G			no paleo info	Ruth		
10467	Santa Barbara	Carpenteria	354	16	Summerland	96-G			no paleo info	Ruth		
10468	Santa Barbara	Carpenteria	354	17	Summerland	96-G			no paleo info	Ruth		
10469	Santa Barbara	Carpenteria	354	18	Summerland	96-G			no paleo info	Ruth		
10470	Santa Barbara	Carpenteria	354	19	Summerland	96-G			no paleo info	Ruth		
10471	Santa Barbara	Carpenteria	354	19A	Summerland	96-G			no paleo info	Ruth		
10472	Santa Barbara	Carpenteria	354	20	Summerland	96-G			no paleo info	Ruth		
10473	Santa Barbara	Carpenteria	354	21	Summerland	96-G			no paleo info	Ruth		
10474	Santa Barbara	Carpenteria	354	21A	Summerland	96-G			no paleo info	Ruth		
10475	Santa Barbara	Carpenteria	354	22	Summerland	96-G			no paleo info	Ruth		
10476	Santa Barbara	Carpenteria	354	22A	Summerland	96-G			no paleo info	Ruth		
10477	Santa Barbara	Carpenteria	354	22B	Summerland	96-G			no paleo info	Ruth		
10478	Santa Barbara	Carpenteria	354	23	Summerland	96-G			no paleo info	Ruth		
10479	Santa Barbara	Carpenteria	354	24	Summerland	96-G			no paleo info	Ruth		
10480	Santa Barbara	Carpenteria	354	24A	Summerland	96-G			no paleo info	Ruth		
10481	Santa Barbara	Carpenteria	354	25	Summerland	96-G			no paleo info	Ruth		
10482	Santa Barbara	Carpenteria	354	25A	Summerland	96-G			no paleo info	Ruth		
10483	Santa Barbara	Carpenteria	354	26	Summerland	96-G			no paleo info	Ruth		
10484	Santa Barbara	Carpenteria	354	27	Summerland	96-G			no paleo info	Ruth		
10485	Santa Barbara	Carpenteria	354	28	Summerland	96-G			no paleo info	Ruth		
10486	Santa Barbara	Carpenteria	354	29	Summerland	96-G			no paleo info	Ruth		
10487	Santa Barbara	Carpenteria	354	30	Summerland	96-G			no paleo info	Ruth		
10488	Santa Barbara	Carpenteria	354	31	Summerland	96-G			no paleo info	Ruth		
10489	Santa Barbara	Carpenteria	354	32	Summerland	96-G			no paleo info	Ruth		
10490	Santa Barbara	Carpenteria	354	32A	Summerland	96-G			no paleo info	Ruth		
10491	Santa Barbara	Carpenteria	354	33	Summerland	96-G			no paleo info	Ruth		
10492	Santa Barbara	Carpenteria	354	C-1 etc	Summerland	96-G			no paleo info	Ruth		
10493	Santa Barbara	Carpenteria	354	2	Summerland	96-G			no paleo info	Ruth		
10494	Santa Barbara	Carpenteria	354	3	Summerland	96-G			no paleo info	Ruth		
10495	Santa Barbara	Carpenteria	354	4	Summerland	96-G			no paleo info	Ruth		
10496	Santa Barbara	Carpenteria	354	5	Summerland	96-G			no paleo info	Ruth		
10497	Santa Barbara	Carpenteria	354	5A	Summerland	96-G			no paleo info	Ruth		
10498	Santa Barbara	Carpenteria	354	7	Summerland	96-G			no paleo info	Ruth		
10499	Santa Barbara	Carpenteria	354	8	Summerland	96-G			no paleo info	Ruth		
10500	Santa Barbara	Carpenteria	354	10	Summerland	96-G			no paleo info	Ruth		
10501	Santa Barbara	Carpenteria	354	33	Summerland	96-G			no paleo info	Ruth		
10502	Santa Barbara	Carpenteria	354	37	Summerland	96-G			no paleo info	Ruth		
10503	Santa Barbara	Carpenteria	354	38	Summerland	96-G			no paleo info	Ruth		
10504	Santa Barbara	Carpenteria	354	42	Summerland	96-G			no paleo info	Ruth		
10505	Ventura	Wheeler Springs	355	VA	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10506	Ventura	Wheeler Springs	355	VG/H	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10507	Ventura	Wheeler Springs	355	VI	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10508	Ventura	Wheeler Springs	355	VJ	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10509	Ventura	Wheeler Springs	355	VK	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10510	Ventura	Wheeler Springs	355	VL	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10511	Ventura	Wheeler Springs	355	VM	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10512	Ventura	Wheeler Springs	355	V2A	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10513	Ventura	Wheeler Springs	355	V4	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10514	Ventura	Wheeler Springs	355	V5	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10515	Ventura	Wheeler Springs	355	V6 ETC	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10516	Ventura	Wheeler Springs	355	7	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10517	Ventura	Wheeler Springs	355	8	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10518	Ventura	Wheeler Springs	355	9	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10519	Ventura	Wheeler Springs	355	11	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10520	Ventura	Wheeler Springs	355	12	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10521	Ventura	Wheeler Springs	355	13	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10522	Ventura	Wheeler Springs	355	14	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10523	Ventura	Wheeler Springs	355	15	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10524	Ventura	Wheeler Springs	355	16	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10525	Ventura	Wheeler Springs	355	17	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10526	Ventura	Wheeler Springs	355	18	Wheeler Gorge	86-F	strat column		U Cret G zone	Ruth		
10527	Ventura	Wheeler Springs	355	19	Wheeler Gorge	86-F	strat column		Middle Eocene	Ruth		
10528	Ventura	Wheeler Springs	355	20	Wheeler Gorge	86-F	strat column		Middle Eocene	Ruth		
10529	Ventura	Wheeler Springs	355	26	Wheeler Gorge	86-F	strat column		no paleo info	Ruth		
10530	Ventura	Wheeler Springs	355	27	Wheeler Gorge	86-F	strat column		no paleo info	Ruth		
10531	Ventura	Wheeler Springs	355	28	Wheeler Gorge	86-F	strat column		no paleo info	Ruth		
10532	Ventura	Wheeler Springs	355	29	Wheeler Gorge	86-F	strat column		no paleo info	Ruth		
10533	Ventura	Wheeler Springs	355	30	Wheeler Gorge	86-F	strat column		no paleo info	Ruth		
10534	Ventura	Wheeler Springs	355	31	Wheeler Gorge	86-F	strat column		no paleo info	Ruth		
10535	Ventura	Wheeler Springs	355	40	Wheeler Gorge	86-F	strat column		Upper Eocene	Ruth		
10536	Ventura	Wheeler Springs	355	41	Wheeler Gorge	86-F	strat column		Upper Eocene	Ruth		
10537	Ventura	Wheeler Springs	355	42	Wheeler Gorge	86-F	strat column		Upper Eocene	Ruth		
10538	Ventura	Wheeler Springs	355	43	Wheeler Gorge	86-F	strat column		Upper Eocene	Ruth		
10539	Ventura	Wheeler Springs	355	44	Wheeler Gorge	86-F	strat column		Upper Eocene	Ruth		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
10795	Ventura	Ventura	357	78	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10796	Ventura	Ventura	357	80	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10797	Ventura	Ventura	357	82	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10798	Ventura	Ventura	357	84	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10799	Ventura	Ventura	357	85	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10800	Ventura	Ventura	357	86	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10801	Ventura	Ventura	357	87	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10802	Ventura	Ventura	357	88	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10803	Ventura	Ventura	357	89	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10804	Ventura	Ventura	357	90	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10805	Ventura	Ventura	357	91	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10806	Ventura	Ventura	357	92	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10807	Ventura	Ventura	357	93	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10808	Ventura	Ventura	357	94	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10809	Ventura	Ventura	357	95	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10810	Ventura	Ventura	357	96	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10811	Ventura	Ventura	357	97	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10812	Ventura	Ventura	357	98	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10813	Ventura	Ventura	357	99	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10814	Ventura	Ventura	357	100	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10815	Ventura	Ventura	357	104	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10816	Ventura	Ventura	357	105	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10817	Ventura	Ventura	357	106	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10818	Ventura	Ventura	357	107	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10819	Ventura	Ventura	357	108	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10820	Ventura	Ventura	357	109	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10821	Ventura	Ventura	357	110	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10822	Ventura	Ventura	357	112	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10823	Ventura	Ventura	357	113	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10824	Ventura	Ventura	357	114	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10825	Ventura	Ventura	357	116	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10826	Ventura	Ventura	357	117	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10827	Ventura	Ventura	357	118	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10828	Ventura	Ventura	357	119	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10829	Ventura	Ventura	357	121	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10830	Ventura	Ventura	357	122	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10831	Ventura	Ventura	357	124	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10832	Ventura	Ventura	357	130	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10833	Ventura	Ventura	357	131	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10834	Ventura	Ventura	357	133	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10835	Ventura	Ventura	357	134	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10836	Ventura	Ventura	357	135	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10837	Ventura	Ventura	357	136	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10838	Ventura	Ventura	357	137	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10839	Ventura	Ventura	357	138	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10840	Ventura	Ventura	357	139	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
10841	Ventura	Ventura	357	142	Sespe Gorge	79-C			M Eocene A-2 zon	Owens		
10842	Ventura	Ventura	357	143	Sespe Gorge	79-C			M Eocene A-2 zon	Owens		
10843	Santa Barbara	Little Pine Mountain	357	1	Flores Flat	50-M	strat column and		Upper Cretaceous			
10844	Santa Barbara	Little Pine Mountain	357	2	Flores Flat	50-M	nannoplankton		Upper Cretaceous			
10845	Santa Barbara	Little Pine Mountain	357	3	Flores Flat	50-M	see loc 269 file		Upper Cretaceous			
10846	Santa Barbara	Little Pine Mountain	357	7	Flores Flat	50-M			Upper Cretaceous			
10847	Santa Barbara	Little Pine Mountain	357	9	Flores Flat	50-M			Upper Cretaceous			
10848	Santa Barbara	Little Pine Mountain	357	10	Flores Flat	50-M			Upper Cretaceous			
10849	Santa Barbara	Little Pine Mountain	357	11	Flores Flat	50-M			Upper Cretaceous			
10850	Santa Barbara	Little Pine Mountain	357	12	Flores Flat	50-M			Upper Cretaceous			
10851	Santa Barbara	Little Pine Mountain	357	15	Flores Flat	50-M			barren			
10852	Santa Barbara	Little Pine Mountain	357	17	Flores Flat	50-M			Middle Eocene			
10853	Santa Barbara	Santa Barbara	357	18	Flores Flat	50-M			Middle Eocene			
10854	Santa Barbara	Santa Barbara	357	19	Flores Flat	50-M			Middle Eocene			
10855	Santa Barbara	Santa Barbara	357	20	Flores Flat	50-M			Middle Eocene			
10856	Santa Barbara	Santa Barbara	357	21	Flores Flat	50-M			Middle Eocene			
10857	Santa Barbara	Santa Barbara	357	22	Flores Flat	50-M			Middle Eocene			
10858	Santa Barbara	Santa Barbara	357	23	Flores Flat	50-M			Middle Eocene			
10859	Santa Barbara	Santa Barbara	357	24	Flores Flat	50-M			Middle Eocene			
10860	Ventura	Wheeler Springs	358	1	Burro Creek	80-A	Reference section		M Eocene A-2 zone			
10861	Ventura	Wheeler Springs	358	2	Burro Creek	80-A	for Cozy Dell Shale		M Eocene A-2 zone			
10862	Ventura	Wheeler Springs	358	8	Burro Creek	80-A	in type area. Have		M Eocene A-2 zone			
10863	Ventura	Wheeler Springs	358	10	Burro Creek	80-A	strat column and		M Eocene A-2 zone			
10864	Ventura	Wheeler Springs	358	12	Burro Creek	80-A	foram check list.		M Eocene A-2 zone			
10865	Ventura	Wheeler Springs	358	13	Burro Creek	80-A			M Eocene A-2 zone			
10866	Ventura	Wheeler Springs	358	18	Burro Creek	80-A			M Eocene A-2 zone			
10867	Ventura	Wheeler Springs	358	19	Burro Creek	80-A			M Eocene A-2 zone			
10868	Ventura	Wheeler Springs	358	20	Burro Creek	80-A			M Eocene A-2 zone			
10869	Ventura	Wheeler Springs	358	21	Burro Creek	80-A			M Eocene A-2 zone			
10870	Ventura	Wheeler Springs	358	22	Burro Creek	80-A			M Eocene A-2 zone			
10871	Ventura	Wheeler Springs	358	23	Burro Creek	80-A			M Eocene A-2 zone			
10872	Ventura	Wheeler Springs	358	24	Burro Creek	80-A			M Eocene A-2 zone			
10873	Ventura	Wheeler Springs	358	25	Burro Creek	80-A			M Eocene A-2 zone			
10874	Ventura	Wheeler Springs	358	26	Burro Creek	80-A			M Eocene A-2 zone			
10875	Ventura	Wheeler Springs	358	27	Burro Creek	80-A			M Eocene A-2 zone			
10876	Ventura	Wheeler Springs	358	28	Burro Creek	80-A			M Eocene A-2 zone			
10877	Ventura	Wheeler Springs	358	29	Burro Creek	80-A			M Eocene A-2 zone			
10878	Ventura	Wheeler Springs	358	30	Burro Creek	80-A			M Eocene A-2 zone			
10879	Ventura	Wheeler Springs	358	31	Burro Creek	80-A			M Eocene A-2 zone			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
11220	Santa Barbara	Madulce Peak	359	24	S Barbara Canyon	55-B			Lower Eocene	Newton &		
11221	Ventura	Reyes Peak	360	6	Wagon Rd Canyon	78-L	Have strat column		Eocene			
11222	Ventura	Reyes Peak	360	7	Wagon Rd Canyon	78-L	see lot 355		Eocene			
11223	Ventura	Reyes Peak	360	9	Wagon Rd Canyon	78-L			Eocene			
11224	Ventura	Reyes Peak	360	14	Wagon Rd Canyon	78-L			Eocene			
11225	Ventura	Reyes Peak	360	15	Wagon Rd Canyon	78-L			Eocene			
11226	Ventura	Reyes Peak	360	16	Wagon Rd Canyon	78-L			Eocene			
11227	Ventura	Reyes Peak	360	17	Wagon Rd Canyon	78-L			Eocene			
11228	Ventura	Reyes Peak	360	19	Wagon Rd Canyon	78-L			Eocene			
11229	Ventura	Reyes Peak	360	21	Wagon Rd Canyon	78-L			Eocene			
11230	Ventura	Reyes Peak	360	22	Wagon Rd Canyon	78-L			Eocene			
11231	Ventura	Reyes Peak	360	24	Wagon Rd Canyon	78-L			Eocene			
11232	Ventura	Reyes Peak	360	30	Wagon Rd Canyon	78-L			Eocene			
11233	Ventura	Reyes Peak	360	31	Wagon Rd Canyon	78-L			Eocene			
11234	Ventura	Reyes Peak	360	34	Wagon Rd Canyon	78-L			Eocene			
11235	Ventura	Reyes Peak	360	35	Wagon Rd Canyon	78-L			Eocene			
11236	Ventura	Reyes Peak	360	39	Wagon Rd Canyon	78-L			Eocene			
11237	Ventura	Reyes Peak	360	44	Wagon Rd Canyon	78-L			Eocene			
11238	Ventura	Reyes Peak	360	45	Wagon Rd Canyon	78-L			Eocene			
11239	Ventura	Reyes Peak	360	46	Wagon Rd Canyon	78-L			Eocene			
11240	Ventura	Reyes Peak	360	49	Wagon Rd Canyon	78-L			Eocene			
11241	Ventura	Reyes Peak	360	52	Wagon Rd Canyon	78-L			Eocene			
11242	Ventura	Reyes Peak	360	53	Wagon Rd Canyon	78-L			Eocene			
11243	Ventura	Reyes Peak	360	54	Wagon Rd Canyon	78-L			Eocene			
11244	Ventura	Reyes Peak	360	58	Wagon Rd Canyon	78-L			Eocene			
11245	Ventura	Reyes Peak	360	60	Wagon Rd Canyon	78-L			Eocene			
11246	Ventura	Reyes Peak	360	61	Wagon Rd Canyon	78-L			Eocene			
11247	Ventura	Reyes Peak	360	62	Wagon Rd Canyon	78-L			Eocene			
11248	Ventura	Reyes Peak	360	63	Wagon Rd Canyon	78-L			Eocene			
11249	Ventura	Reyes Peak	360	67	Wagon Rd Canyon	78-L			Eocene			
11250	Ventura	Reyes Peak	360	68	Wagon Rd Canyon	78-L			Eocene			
11251	Ventura	Reyes Peak	360	73	Wagon Rd Canyon	78-L			Eocene			
11252	Ventura	Reyes Peak	360	74	Wagon Rd Canyon	78-L			Eocene			
11253	Ventura	Reyes Peak	360	75	Wagon Rd Canyon	78-L			Eocene			
11254	Ventura	Reyes Peak	360	79	Wagon Rd Canyon	78-L			Eocene			
11255	Ventura	Reyes Peak	360	80	Wagon Rd Canyon	78-L			Eocene			
11256	Ventura	Reyes Peak	360	81	Wagon Rd Canyon	78-L			Eocene			
11257	Ventura	Reyes Peak	360	82	Wagon Rd Canyon	78-L			Eocene			
11258	Ventura	Reyes Peak	360	84	Wagon Rd Canyon	78-L			Eocene			
11259	Ventura	Reyes Peak	360	87	Wagon Rd Canyon	78-L			Eocene			
11260	Ventura	Reyes Peak	360	90	Wagon Rd Canyon	78-L			Eocene			
11261	Ventura	Reyes Peak	360	93	Wagon Rd Canyon	78-L			Eocene			
11262	Ventura	Reyes Peak	360	98	Wagon Rd Canyon	78-L			Eocene			
11263	Ventura	Reyes Peak	360	100	Wagon Rd Canyon	78-L			Eocene			
11264	Ventura	Reyes Peak	360	101	Wagon Rd Canyon	78-L			Eocene			
11265	Ventura	Reyes Peak	360	106	Wagon Rd Canyon	78-L			Eocene			
11266	Ventura	Reyes Peak	360	107	Wagon Rd Canyon	78-L			Eocene			
11267	Ventura	Reyes Peak	360	108	Wagon Rd Canyon	78-L			Eocene			
11268	Ventura	Reyes Peak	360	117	Wagon Rd Canyon	78-L			Eocene			
11269	Ventura	Reyes Peak	360	118	Wagon Rd Canyon	78-L			Eocene			
11270	Ventura	Reyes Peak	360	120	Wagon Rd Canyon	78-M			Eocene			
11271	Ventura	Reyes Peak	360	121	Wagon Rd Canyon	78-M			Eocene			
11272	Ventura	Reyes Peak	360	122	Wagon Rd Canyon	78-M			Eocene			
11273	Ventura	Reyes Peak	360	123	Wagon Rd Canyon	78-M			Eocene			
11274	Ventura	Reyes Peak	360	124	Wagon Rd Canyon	78-M			Eocene			
11275	Ventura	Reyes Peak	360	126	Wagon Rd Canyon	78-M			Eocene			
11276	Ventura	Reyes Peak	360	127	Wagon Rd Canyon	78-M			Eocene			
11277	Ventura	Reyes Peak	360	128	Wagon Rd Canyon	78-M			Eocene			
11278	Ventura	Reyes Peak	360	131	Wagon Rd Canyon	78-M			Eocene			
11279	Ventura	Reyes Peak	360	135	Wagon Rd Canyon	78-M			Eocene			
11280	Ventura	Reyes Peak	360	136	Wagon Rd Canyon	78-M			Eocene			
11281	Ventura	Reyes Peak	360	137	Wagon Rd Canyon	78-M			Eocene			
11282	Ventura	Reyes Peak	360	139	Wagon Rd Canyon	78-M			Eocene			
11283	Ventura	Reyes Peak	360	140	Wagon Rd Canyon	78-M			Eocene			
11284	Ventura	Reyes Peak	360	141	Wagon Rd Canyon	78-M			Eocene			
11285	Ventura	Reyes Peak	360	143	Wagon Rd Canyon	78-M			Eocene			
11286	Ventura	Reyes Peak	360	146	Wagon Rd Canyon	78-M			Eocene			
11287	Ventura	Reyes Peak	360	153	Wagon Rd Canyon	78-M			Eocene			
11288	Ventura	Reyes Peak	360	155	Wagon Rd Canyon	78-M			Eocene			
11289	Ventura	Reyes Peak	360	156	Wagon Rd Canyon	78-M			Eocene			
11290	Ventura	Reyes Peak	360	158	Wagon Rd Canyon	78-M			Eocene			
11291	Ventura	Reyes Peak	360	162	Wagon Rd Canyon	78-M			Eocene			
11292	Ventura	Reyes Peak	360	163	Wagon Rd Canyon	78-M			Eocene			
11293	Ventura	Reyes Peak	360	164	Wagon Rd Canyon	78-M			Eocene			
11294	Ventura	Reyes Peak	360	165	Wagon Rd Canyon	78-M			Eocene			
11295	Ventura	Reyes Peak	360	169	Wagon Rd Canyon	78-M			Eocene			
11296	Ventura	Reyes Peak	360	175	Wagon Rd Canyon	78-M			Eocene			
11297	Ventura	Reyes Peak	360	179	Wagon Rd Canyon	78-M			Eocene			
11298	Ventura	Reyes Peak	360	180	Wagon Rd Canyon	78-M			Eocene			
11299	Ventura	Reyes Peak	360	182	Wagon Rd Canyon	78-M			Eocene			
11300	Ventura	Reyes Peak	360	186	Wagon Rd Canyon	78-M			Eocene			
11301	Ventura	Reyes Peak	360	189	Wagon Rd Canyon	78-M			Eocene			
11302	Ventura	Reyes Peak	360	190	Wagon Rd Canyon	78-M			Eocene			
11303	Ventura	Reyes Peak	360	191	Wagon Rd Canyon	78-M			Eocene			
11304	Ventura	Reyes Peak	360	204	Wagon Rd Canyon	78-M			Eocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
11305	Ventura	Reyes Peak	360	206	Wagon Rd Canyon	78-M			Eocene			
11306	Ventura	Reyes Peak	360	210	Wagon Rd Canyon	78-M			Eocene			
11307	Ventura	Reyes Peak	360	214	Wagon Rd Canyon	78-M			Eocene			
11308	Ventura	Reyes Peak	360	217	Wagon Rd Canyon	78-M			Eocene			
11309	Ventura	Reyes Peak	360	218	Wagon Rd Canyon	78-M			Eocene			
11310	Ventura	Reyes Peak	360	219	Wagon Rd Canyon	78-M			Eocene			
11311	Ventura	Reyes Peak	360	220	Wagon Rd Canyon	78-M			Eocene			
11312	Ventura	Reyes Peak	360	221	Wagon Rd Canyon	78-M			Eocene			
11313	Ventura	Reyes Peak	360	223	Wagon Rd Canyon	78-M			Eocene			
11314	Ventura	Santa Paula Peak	360	2	Santa Paula Gorge	56-K	Have strat		Eocene			
11315	Ventura	Santa Paula Peak	360	3	Santa Paula Gorge	56-K	column		Eocene			
11316	Ventura	Santa Paula Peak	360	4	Santa Paula Gorge	56-K			Eocene			
11317	Ventura	Santa Paula Peak	360	5	Santa Paula Gorge	56-K			Eocene			
11318	Ventura	Santa Paula Peak	360	6	Santa Paula Gorge	56-K			Eocene			
11319	Ventura	Santa Paula Peak	360	7	Santa Paula Gorge	56-K			Eocene			
11320	Ventura	Santa Paula Peak	360	8	Santa Paula Gorge	56-K			Eocene			
11321	Ventura	Santa Paula Peak	360	9	Santa Paula Gorge	56-K			Eocene			
11322	Ventura	Santa Paula Peak	360	10	Santa Paula Gorge	56-K			Eocene			
11323	Ventura	Santa Paula Peak	360	11	Santa Paula Gorge	56-K			Eocene			
11324	Ventura	Santa Paula Peak	360	12	Santa Paula Gorge	56-K			Eocene			
11325	Ventura	Santa Paula Peak	360	13	Santa Paula Gorge	56-K			Eocene			
11326	Santa Barbara	Gaviota	360		SB Gaviota Beach	82-K	data on slide		U Mohnian			
11327	Ventura	Wheeler Springs	361	14	Potrero John Ck	86-B			M Eocene A-2 zone			
11328	Ventura	Wheeler Springs	361	16	Potrero John Ck	86-B			M Eocene A-2 zone			
11329	Ventura	Wheeler Springs	361	22	Potrero John Ck	86-B	Have strat column		M Eocene A-2 zone			
11330	Ventura	Wheeler Springs	361	23	Potrero John Ck	86-B	and foram check		M Eocene A-2 zone			
11331	Ventura	Wheeler Springs	361	24	Potrero John Ck	86-B	list		M Eocene A-2 zone			
11332	Ventura	Wheeler Springs	361	25	Potrero John Ck	86-B			M Eocene A-2 zone			
11333	Ventura	Wheeler Springs	361	27	Potrero John Ck	86-B			M Eocene A-2 zone			
11334	Ventura	Wheeler Springs	361	28	Potrero John Ck	86-B			M Eocene A-2 zone			
11335	Ventura	Wheeler Springs	361	29	Potrero John Ck	86-B			M Eocene A-2 zone			
11336	Ventura	Wheeler Springs	361	30	Potrero John Ck	86-B			M Eocene A-2 zone			
11337	Ventura	Wheeler Springs	361	31	Potrero John Ck	86-B			M Eocene A-2 zone			
11338	Ventura	Wheeler Springs	361	32	Potrero John Ck	86-B			M Eocene A-2 zone			
11339	Ventura	Wheeler Springs	361	35	Potrero John Ck	86-B			M Eocene A-2 zone			
11340	Ventura	Wheeler Springs	361	36	Potrero John Ck	86-B			M Eocene A-2 zone			
11341	Ventura	Reyes Peak	362	1	Potrero John Ck	86-C	Have strat column		M Eocene A-2 zone			
11342	Ventura	Reyes Peak	362	2	Potrero John Ck	86-C	and foram check		M Eocene A-2 zone			
11343	Ventura	Reyes Peak	362	3	Potrero John Ck	86-C	list. Quad strat		M Eocene A-2 zone			
11344	Ventura	Reyes Peak	362	4	Potrero John Ck	86-C	may be reversed.		M Eocene A-2 zone			
11345	Ventura	Reyes Peak	362	5	Potrero John Ck	86-C			M Eocene A-2 zone			
11346	Ventura	Reyes Peak	362	6	Potrero John Ck	86-C			M Eocene A-2 zone			
11347	Ventura	Reyes Peak	362	7	Potrero John Ck	86-C			M Eocene A-2 zone			
11348	Ventura	Reyes Peak	362	9	Potrero John Ck	86-C			M Eocene A-2 zone			
11349	Ventura	Reyes Peak	362	11	Potrero John Ck	86-C			M Eocene A-2 zone			
11350	Ventura	Reyes Peak	362	12	Potrero John Ck	86-C			M Eocene A-2 zone			
11351	Ventura	Reyes Peak	362	13	Potrero John Ck	86-C			M Eocene A-2 zone			
11352	Ventura	Reyes Peak	362	14	Potrero John Ck	86-C			M Eocene A-2 zone			
11353	Ventura	Reyes Peak	362	15	Potrero John Ck	86-C			M Eocene A-2 zone			
11354	Ventura	Reyes Peak	362	16	Potrero John Ck	86-C			M Eocene A-2 zone			
11355	Ventura	Reyes Peak	362	17	Potrero John Ck	86-C			M Eocene A-2 zone			
11356	Ventura	Reyes Peak	362	18	Potrero John Ck	86-C			M Eocene A-2 zone			
11357	Ventura	Reyes Peak	362	19	Potrero John Ck	86-C			M Eocene A-2 zone			
11358	Ventura	Reyes Peak	362	20	Potrero John Ck	86-C			M Eocene A-2 zone			
11359	Ventura	Reyes Peak	362	21	Potrero John Ck	86-C			M Eocene A-2 zone			
11360	Ventura	Reyes Peak	362	22	Potrero John Ck	86-C			M Eocene A-2 zone			
11361	Ventura	Reyes Peak	362	23	Potrero John Ck	86-C			M Eocene A-2 zone			
11362	Ventura	Reyes Peak	362	24	Potrero John Ck	86-C			M Eocene A-2 zone			
11363	Ventura	Reyes Peak	362	25	Potrero John Ck	86-C			M Eocene A-2 zone			
11364	Ventura	Reyes Peak	362	26	Potrero John Ck	86-C			M Eocene A-2 zone			
11365	Ventura	Reyes Peak	362	27	Potrero John Ck	86-C			M Eocene A-2 zone			
11366	Ventura	Reyes Peak	362	28	Potrero John Ck	86-C			M Eocene A-2 zone			
11367	Ventura	Reyes Peak	362	29	Potrero John Ck	86-C			M Eocene A-2 zone			
11368	Ventura	Reyes Peak	362	30	Potrero John Ck	86-C			M Eocene A-2 zone			
11369	Ventura	Wheeler Springs	362	31	Potrero John Ck	86-C			M Eocene A-2 zone			
11370	Ventura	Wheeler Springs	362	32	Potrero John Ck	86-C			M Eocene A-2 zone			
11371	Ventura	Wheeler Springs	362	33	Potrero John Ck	86-C			M Eocene A-2 zone			
11372	Ventura	Wheeler Springs	362	34	Potrero John Ck	86-C			M Eocene A-2 zone			
11373	Ventura	Wheeler Springs	362	35	Potrero John Ck	86-C			M Eocene A-2 zone			
11374	Ventura	Wheeler Springs	362	36	Potrero John Ck	86-C			M Eocene A-2 zone			
11375	Ventura	Wheeler Springs	362	37	Potrero John Ck	86-C			M Eocene A-2 zone			
11376	Ventura	Wheeler Springs	362	38	Potrero John Ck	86-C			M Eocene A-2 zone			
11377	Ventura	Wheeler Springs	362	40	Potrero John Ck	86-C			M Eocene A-2 zone			
11378	Ventura	Wheeler Springs	362	41	Potrero John Ck	86-C			M Eocene A-2 zone			
11379	Ventura	Wheeler Springs	362	42	Potrero John Ck	86-C			M Eocene A-2 zone			
11380	Ventura	Wheeler Springs	362	43	Potrero John Ck	86-C			M Eocene A-2 zone			
11381	Ventura	Wheeler Springs	362	44	Potrero John Ck	86-C			M Eocene A-2 zone			
11382	Ventura	Wheeler Springs	362	45	Potrero John Ck	86-C			M Eocene A-2 zone			
11383	Ventura	Wheeler Springs	362	46	Potrero John Ck	86-C			M Eocene A-2 zone			
11384	Ventura	Wheeler Springs	362	47	Potrero John Ck	86-C			M Eocene A-2 zone			
11385	Ventura	Wheeler Springs	362	48	Potrero John Ck	86-C			M Eocene A-2 zone			
11386	Ventura	Wheeler Springs	362	49	Potrero John Ck	86-C			M Eocene A-2 zone			
11387	Ventura	Wheeler Springs	362	50	Potrero John Ck	86-C			M Eocene A-2 zone			
11388	Ventura	Wheeler Springs	362	51	Potrero John Ck	86-C			M Eocene A-2 zone			
11389	Ventura	Wheeler Springs	362	52	Potrero John Ck	86-C			M Eocene A-2 zone			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
11390	Ventura	Wheeler Springs	362	53	Potrero John Ck	86-C			M Eocene A-2 zone			
11391	Ventura	Wheeler Springs	362	54	Potrero John Ck	86-C			M Eocene A-2 zone			
11392	Ventura	Rancho Nuevo Creek	363	13	Bear Canyon	81-A	Not on map but		Eocene			
11393	Ventura	Rancho Nuevo Creek	363	14	Bear Canyon	81-A	Bear Canyon is in		Eocene			
11394	Ventura	Rancho Nuevo Creek	363	19	Bear Canyon	81-A	this quad, and lot		Eocene			
11395	Ventura	Rancho Nuevo Creek	363	20	Bear Canyon	81-A	364 is nearby.		Eocene			
11396	Ventura	Rancho Nuevo Creek	363	21	Bear Canyon	81-A	Have brief strat		Eocene			
11397	Ventura	Rancho Nuevo Creek	363	22	Bear Canyon	81-A	column.		Eocene			
11398	Ventura	Rancho Nuevo Creek	363	23	Bear Canyon	81-A			Eocene			
11399	Ventura	Rancho Nuevo Creek	363	25	Bear Canyon	81-A			Eocene			
11400	Ventura	Rancho Nuevo Creek	363	26	Bear Canyon	81-A			Eocene			
11401	Ventura	Rancho Nuevo Creek	363	28	Bear Canyon	81-A			Eocene			
11402	Ventura	Rancho Nuevo Creek	363	29	Bear Canyon	81-A			Eocene			
11403	Ventura	Rancho Nuevo Creek	363	30	Bear Canyon	81-A			Eocene			
11404	Ventura	Rancho Nuevo Creek	363	35	Bear Canyon	81-A			Eocene			
11405	Ventura	Rancho Nuevo Creek	363	37	Bear Canyon	81-A			Eocene			
11406	Ventura	Rancho Nuevo Creek	363	41	Bear Canyon	81-A			Eocene			
11407	Ventura	Rancho Nuevo Creek	363	43	Bear Canyon	81-A			Eocene			
11408	Ventura	Rancho Nuevo Creek	363	44	Bear Canyon	81-A			Eocene			
11409	Ventura	Rancho Nuevo Creek	363	45	Bear Canyon	81-A			Eocene			
11410	Ventura	Rancho Nuevo Creek	363	51	Bear Canyon	81-A			Eocene			
11411	Ventura	Rancho Nuevo Creek	363	52	Bear Canyon	81-A			Eocene			
11412	Ventura	Rancho Nuevo Creek	363	54	Bear Canyon	81-A			Eocene			
11413	Ventura	Rancho Nuevo Creek	363	57	Bear Canyon	81-A			Eocene			
11414	Ventura	Rancho Nuevo Creek	363	58	Bear Canyon	81-A			Eocene			
11415	Ventura	Rancho Nuevo Creek	363	59	Bear Canyon	81-A			Eocene			
11416	Ventura	Rancho Nuevo Creek	363	62	Bear Canyon	81-A			Eocene			
11417	Ventura	Rancho Nuevo Creek	363	63	Bear Canyon	81-A			Eocene			
11418	Ventura	Rancho Nuevo Creek	363	66	Bear Canyon	81-A			Eocene			
11419	Ventura	Rancho Nuevo Creek	363	69	Bear Canyon	81-A			Eocene			
11420	Ventura	Rancho Nuevo Creek	363	70	Bear Canyon	81-A			Eocene			
11421	Ventura	Rancho Nuevo Creek	363	71	Bear Canyon	81-A			Eocene			
11422	Ventura	Rancho Nuevo Creek	363	72	Bear Canyon	81-A			Eocene			
11423	Ventura	Rancho Nuevo Creek	363	73	Bear Canyon	81-A			Eocene			
11424	Ventura	Rancho Nuevo Creek	363	74	Bear Canyon	81-A			Eocene			
11425	Ventura	Rancho Nuevo Creek	363	77	Bear Canyon	81-A			Eocene			
11426	Ventura	Rancho Nuevo Creek	363	81	Bear Canyon	81-A			Eocene			
11427	Ventura	Rancho Nuevo Creek	363	82	Bear Canyon	81-A			Eocene			
11428	Ventura	Rancho Nuevo Creek	363	83	Bear Canyon	81-A			Eocene			
11429	Ventura	Rancho Nuevo Creek	363	86	Bear Canyon	81-A			Eocene			
11430	Ventura	Rancho Nuevo Creek	363	88	Bear Canyon	81-A			Eocene			
11431	Ventura	Rancho Nuevo Creek	363	89	Bear Canyon	81-A			Eocene			
11432	Ventura	Rancho Nuevo Creek	363	91	Bear Canyon	81-A			Eocene			
11433	Ventura	Rancho Nuevo Creek	363	92	Bear Canyon	81-A			Eocene			
11434	Ventura	Rancho Nuevo Creek	363	93	Bear Canyon	81-A			Eocene			
11435	Ventura	Rancho Nuevo Creek	363	95	Bear Canyon	81-A			Eocene			
11436	Ventura	Rancho Nuevo Creek	363	97	Bear Canyon	81-A			Eocene			
11437	Ventura	Rancho Nuevo Creek	363	100	Bear Canyon	81-A			Eocene			
11438	Ventura	Rancho Nuevo Creek	363	103	Bear Canyon	81-A			Eocene			
11439	Ventura	Rancho Nuevo Creek	363	104	Bear Canyon	81-A			Eocene			
11440	Ventura	Rancho Nuevo Creek	363	105	Bear Canyon	81-A			Eocene			
11441	Ventura	Rancho Nuevo Creek	363	107	Bear Canyon	81-A			Eocene			
11442	Ventura	Rancho Nuevo Creek	363	108	Bear Canyon	81-A			Eocene			
11443	Ventura	Rancho Nuevo Creek	363	109	Bear Canyon	81-A			Eocene			
11444	Ventura	Rancho Nuevo Creek	363	110	Bear Canyon	81-A			Eocene			
11445	Ventura	Rancho Nuevo Creek	363	111	Bear Canyon	81-A			Eocene			
11446	Ventura	Rancho Nuevo Creek	363	112	Bear Canyon	81-A			Eocene			
11447	Ventura	Rancho Nuevo Creek	363	113	Bear Canyon	81-A			Eocene			
11448	Ventura	Rancho Nuevo Creek	363	114	Bear Canyon	81-A			Eocene			
11449	Ventura	Rancho Nuevo Creek	363	115	Bear Canyon	81-A			Eocene			
11450	Ventura	Rancho Nuevo Creek	363	116	Bear Canyon	81-B			Eocene			
11451	Ventura	Rancho Nuevo Creek	363	117	Bear Canyon	81-B			Eocene			
11452	Ventura	Rancho Nuevo Creek	363	118	Bear Canyon	81-B			Eocene			
11453	Ventura	Rancho Nuevo Creek	363	119	Bear Canyon	81-B			Eocene			
11454	Ventura	Rancho Nuevo Creek	363	120	Bear Canyon	81-B			Eocene			
11455	Ventura	Rancho Nuevo Creek	363	121	Bear Canyon	81-B			Eocene			
11456	Ventura	Rancho Nuevo Creek	363	123	Bear Canyon	81-B			Eocene			
11457	Ventura	Rancho Nuevo Creek	363	124	Bear Canyon	81-B			Eocene			
11458	Ventura	Rancho Nuevo Creek	363	125	Bear Canyon	81-B			Eocene			
11459	Ventura	Rancho Nuevo Creek	363	126	Bear Canyon	81-B			Eocene			
11460	Ventura	Rancho Nuevo Creek	363	127	Bear Canyon	81-B			Eocene			
11461	Ventura	Rancho Nuevo Creek	363	128	Bear Canyon	81-B			Eocene			
11462	Ventura	Rancho Nuevo Creek	363	129	Bear Canyon	81-B			Eocene			
11463	Ventura	Rancho Nuevo Creek	363	130	Bear Canyon	81-B			Eocene			
11464	Ventura	Rancho Nuevo Creek	363	131	Bear Canyon	81-B			Eocene			
11465	Ventura	Rancho Nuevo Creek	363	132	Bear Canyon	81-B			Eocene			
11466	Ventura	Rancho Nuevo Creek	363	134	Bear Canyon	81-B			Eocene			
11467	Ventura	Rancho Nuevo Creek	363	136	Bear Canyon	81-B			Eocene			
11468	Ventura	Rancho Nuevo Creek	363	137	Bear Canyon	81-B			Eocene			
11469	Ventura	Rancho Nuevo Creek	363	138	Bear Canyon	81-B			Eocene			
11470	Ventura	Rancho Nuevo Creek	363	139	Bear Canyon	81-B			Eocene			
11471	Ventura	Rancho Nuevo Creek	363	140	Bear Canyon	81-B			Eocene			
11472	Ventura	Rancho Nuevo Creek	363	142	Bear Canyon	81-B			Eocene			
11473	Ventura	Rancho Nuevo Creek	363	144	Bear Canyon	81-B			Eocene			
11474	Ventura	Rancho Nuevo Creek	363	145	Bear Canyon	81-B			Eocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
11560	Ventura	Rancho Nuevo Creek	364	27	SE part of quad	72-D			no paleo data			
11561	Ventura	Rancho Nuevo Creek	364	28	SE part of quad	72-D			no paleo data			
11562	Ventura	Rancho Nuevo Creek	364	29	SE part of quad	72-D			no paleo data			
11563	Ventura	Rancho Nuevo Creek	364	30	SE part of quad	72-D			no paleo data			
11564	Ventura	Rancho Nuevo Creek	364	31	SE part of quad	72-D			no paleo data			
11565	Ventura	Rancho Nuevo Creek	364	32	SE part of quad	72-D			no paleo data			
11566	Ventura	Rancho Nuevo Creek	364	33	SE part of quad	72-D			no paleo data			
11567	Ventura	Rancho Nuevo Creek	364	34	SE part of quad	72-D			no paleo data			
11568	Ventura	Rancho Nuevo Creek	364	35	SE part of quad	72-D			no paleo data			
11569	Ventura	Rancho Nuevo Creek	364	36	SE part of quad	72-D			no paleo data			
11570	Ventura	Rancho Nuevo Creek	364	37	SE part of quad	72-D			no paleo data			
11571	Ventura	Rancho Nuevo Creek	364	38	SE part of quad	72-D			no paleo data			
11572	Ventura	Rancho Nuevo Creek	364	39	SE part of quad	72-D			no paleo data			
11573	Ventura	Rancho Nuevo Creek	364	40	SE part of quad	72-D			no paleo data			
11574	Ventura	Rancho Nuevo Creek	364	41	SE part of quad	72-D			no paleo data			
11575	Ventura	Rancho Nuevo Creek	364	42	SE part of quad	72-D			no paleo data			
11576	Ventura	Rancho Nuevo Creek	364	43	SE part of quad	72-D			no paleo data			
11577	Ventura	Rancho Nuevo Creek	364	44	SE part of quad	72-D			no paleo data			
11578	Ventura	Rancho Nuevo Creek	364	45	SE part of quad	72-D			no paleo data			
11579	Ventura	Rancho Nuevo Creek	364	46	SE part of quad	72-D			no paleo data			
11580	Ventura	Rancho Nuevo Creek	364	47	SE part of quad	72-D			no paleo data			
11581	Ventura	Rancho Nuevo Creek	364	48	SE part of quad	72-D			no paleo data			
11582	Ventura	Rancho Nuevo Creek	364	49	SE part of quad	72-D			no paleo data			
11583	Ventura	Rancho Nuevo Creek	364	310	SE part of quad	76-K	Llagas Formation	Age from	Eocene			
11584	Ventura	Rancho Nuevo Creek	364	311	SE part of quad	76-K	Llagas Formation	Weaver	Eocene			
11585	Ventura	Rancho Nuevo Creek	364	312	SE part of quad	76-K	Llagas Formation		Eocene			
11586	Ventura	Rancho Nuevo Creek	364	313	SE part of quad	76-K	Llagas Formation		Eocene			
11587	Ventura	Rancho Nuevo Creek	364	314	SE part of quad	76-K	Llagas Formation		Eocene			
11588	Ventura	Rancho Nuevo Creek	364	315	SE part of quad	76-K	Llagas Formation		Eocene			
11589	Ventura	Rancho Nuevo Creek	364	316	SE part of quad	76-K	Llagas Formation		Eocene			
11590	Ventura	Rancho Nuevo Creek	364	317	SE part of quad	76-K	Llagas Formation		Eocene			
11591	Ventura	Rancho Nuevo Creek	364	318	SE part of quad	76-K	Llagas Formation		Eocene			
11592	Ventura	Rancho Nuevo Creek	364	319	SE part of quad	76-K	Llagas Formation		Eocene			
11593	Ventura	Rancho Nuevo Creek	364	320	SE part of quad	76-K	Llagas Formation		Eocene			
11594	Ventura	Rancho Nuevo Creek	364	321	SE part of quad	76-K	Llagas Formation		Eocene			
11595	Ventura	Rancho Nuevo Creek	364	322	SE part of quad	76-K	Llagas Formation		Eocene			
11596	Ventura	Rancho Nuevo Creek	364	323	SE part of quad	76-K	Llagas Formation		Eocene			
11597	Ventura	Rancho Nuevo Creek	364	324	SE part of quad	76-K	Llagas Formation		Eocene			
11598	Ventura	Rancho Nuevo Creek	364	525	SE part of quad	76-K	Llagas Formation		Eocene			
11599	Ventura	Rancho Nuevo Creek	364	326	SE part of quad	76-K	Llagas Formation		Eocene			
11600	Ventura	Rancho Nuevo Creek	364	327	SE part of quad	76-K	Llagas Formation		Eocene			
11601	Ventura	Rancho Nuevo Creek	364	328	SE part of quad	76-K	Llagas Formation		Eocene			
11602	Los Angeles	Canoga Park	364	7	N of Woodland Hill	48-I			no paleo data			
11603	Los Angeles	Canoga Park	364	8B	N of Woodland Hill	48-I			no paleo data			
11604	Ventura	Thousand Oaks	365	2	Greenwich Village	48-H			Miocene			
11605	Ventura	Thousand Oaks	365	3	Greenwich Village	48-H			Miocene			
11606	Ventura	Thousand Oaks	365	4	Greenwich Village	48-H			Miocene			
11607	Ventura	Thousand Oaks	365	7	Greenwich Village	48-H			Miocene			
11608	Ventura	Thousand Oaks	365	B2	Greenwich Village	48-H			no paleo data			
11609	Los Angeles	Whittier	366	1	NE corner of quad	65-G			Mohnian?			
11610	Los Angeles	Whittier	366	2	NE corner of quad	65-G			Delmontian?			
11611	Los Angeles	Whittier	366	3	NE corner of quad	65-G			no age provided			
11612	Los Angeles	Whittier	366	4	NE corner of quad	65-G			no age provided			
11613	Ventura	Rancho Nuevo Creek	366	1	Potrero Seco	69-M			no paleo data			
11614	Ventura	Rancho Nuevo Creek	366	2	Potrero Seco	69-M			no paleo data			
11615	Ventura	Rancho Nuevo Creek	366	3	Potrero Seco	69-M			no paleo data			
11616	Ventura	Rancho Nuevo Creek	366	4	Potrero Seco	69-M			no paleo data			
11617	Ventura	Rancho Nuevo Creek	366	6	Potrero Seco	69-M			no paleo data			
11618	Ventura	Rancho Nuevo Creek	366	7	Potrero Seco	69-M			no paleo data			
11619	Ventura	Rancho Nuevo Creek	366	8	Potrero Seco	69-M			no paleo data			
11620	Ventura	Rancho Nuevo Creek	366	9	Potrero Seco	69-M			no paleo data			
11621	Ventura	Rancho Nuevo Creek	366	10	Potrero Seco	69-M			no paleo data			
11622	Ventura	Rancho Nuevo Creek	366	11	Potrero Seco	69-M			no paleo data			
11623	Ventura	Rancho Nuevo Creek	366	12	Potrero Seco	69-M			no paleo data			
11624	Ventura	Rancho Nuevo Creek	366	13	Potrero Seco	69-M			no paleo data			
11625	Ventura	Rancho Nuevo Creek	366	14	Potrero Seco	69-M			no paleo data			
11626	Ventura	Rancho Nuevo Creek	366	15	Potrero Seco	69-M			no paleo data			
11627	Ventura	Rancho Nuevo Creek	366	16	Potrero Seco	69-M			no paleo data			
11628	Ventura	Rancho Nuevo Creek	366	17	Potrero Seco	69-M			no paleo data			
11629	Ventura	Rancho Nuevo Creek	366	18	Potrero Seco	69-M			no paleo data			
11630	Los Angeles	Oat Mountain	368	1	Wiley Canyon	48-H			Mohnian			
11631	Los Angeles	Oat Mountain	368	2	Wiley Canyon	48-H			not diagnostic			
11632	Los Angeles	Oat Mountain	368	3	Wiley Canyon	48-H			not diagnostic			
11633	Los Angeles	Oat Mountain	368	4	Wiley Canyon	48-H			not diagnostic			
11634	Los Angeles	Oat Mountain	368	5	Wiley Canyon	48-H			not diagnostic			
11635	Los Angeles	Oat Mountain	368	5A	Wiley Canyon	48-H			not diagnostic			
11636	Los Angeles	Oat Mountain	368	6	Wiley Canyon	48-H			Mohnian			
11637	Orange	Black Star Canyon	369	4	WC part of quad	48-H			no paleo data			
11638	Orange	Black Star Canyon	369	4A	WC part of quad	48-H			no paleo data			
11639	Orange	Black Star Canyon	369	5	WC part of quad	48-H			no paleo data			
11640	Orange	Black Star Canyon	369	5A	WC part of quad	48-H			no paleo data			
11641	Orange	Black Star Canyon	369	6	WC part of quad	48-H			no paleo data			
11642	Orange	Orange	370	1A	Weir Canyon	48-H			no paleo data			
11643	Orange	Orange	370	2	Weir Canyon	48-H			no paleo data			
11644	Orange	Orange	370	3	Weir Canyon	48-H			no paleo data			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
11645	San Luis Obispo	Wilson Corner	370	1	NW part of quad	88-A	21/28S/14E		Luisian (type)			
11646	San Luis Obispo	Wilson Corner	370	2	NW part of quad	88-A	type Luisian. Have		Luisian (type)			
11647	San Luis Obispo	Wilson Corner	370	3	NW part of quad	88-A	strat column and		Luisian (type)			
11648	San Luis Obispo	Wilson Corner	370	4	NW part of quad	88-A	foram check list		Luisian (type)			
11649	San Luis Obispo	Wilson Corner	370	5	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11650	San Luis Obispo	Wilson Corner	370	6	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11651	San Luis Obispo	Wilson Corner	370	7	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11652	San Luis Obispo	Wilson Corner	370	8	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11653	San Luis Obispo	Wilson Corner	370	9	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11654	San Luis Obispo	Wilson Corner	370	10	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11655	San Luis Obispo	Wilson Corner	370	11	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11656	San Luis Obispo	Wilson Corner	370	12	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11657	San Luis Obispo	Wilson Corner	370	13	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11658	San Luis Obispo	Wilson Corner	370	14	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11659	San Luis Obispo	Wilson Corner	370	15	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11660	San Luis Obispo	Wilson Corner	370	16	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11661	San Luis Obispo	Wilson Corner	370	17	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11662	San Luis Obispo	Wilson Corner	370	18	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11663	San Luis Obispo	Wilson Corner	370	19	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11664	San Luis Obispo	Wilson Corner	370	20	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11665	San Luis Obispo	Wilson Corner	370	21	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11666	San Luis Obispo	Wilson Corner	370	22	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11667	San Luis Obispo	Wilson Corner	370	23	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11668	San Luis Obispo	Wilson Corner	370	24	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11669	San Luis Obispo	Wilson Corner	370	25	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11670	San Luis Obispo	Wilson Corner	370	26	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11671	San Luis Obispo	Wilson Corner	370	27	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11672	San Luis Obispo	Wilson Corner	370	28	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11673	San Luis Obispo	Wilson Corner	370	29	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11674	San Luis Obispo	Wilson Corner	370	30	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11675	San Luis Obispo	Wilson Corner	370	31	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11676	San Luis Obispo	Wilson Corner	370	32	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11677	San Luis Obispo	Wilson Corner	370	33	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11678	San Luis Obispo	Wilson Corner	370	34	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11679	San Luis Obispo	Wilson Corner	370	35	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11680	San Luis Obispo	Wilson Corner	370	36	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11681	San Luis Obispo	Wilson Corner	370	37	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11682	San Luis Obispo	Wilson Corner	370	slide 1	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11683	San Luis Obispo	Wilson Corner	370	slide 2	NW part of quad	88-A	Pozo 15'	Relizian	Luisian (type)			
11684	San Luis Obispo	Wilson Corner	370	slide 3	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11685	San Luis Obispo	Wilson Corner	370	slide 4	NW part of quad	88-A	Pozo 15'		Luisian (type)			
11686	Ventura	Reyes Peak	373	1		44-H	See strat column	not on map	Eocene	Zeni and		
11687	Ventura	Reyes Peak	373	2		44-H	for loc 355. Says	not on map	Eocene	Klemme		
11688	Ventura	Reyes Peak	373	4		44-H	this locality on	not on map	Eocene			
11689	Ventura	Reyes Peak	373	5		44-H	north side Pine	not on map	Eocene			
11690	Ventura	Reyes Peak	373	6		44-H	Mtn.	not on map	Eocene			
11691	Ventura	Reyes Peak	373	8		44-H		not on map	Eocene			
11692	Ventura	Reyes Peak	373	9		44-H		not on map	Eocene			
11693	Ventura	Reyes Peak	373	10		44-H		not on map	Eocene			
11694	Ventura	Reyes Peak	373	11		44-H		not on map	Eocene			
11695	Ventura	Reyes Peak	373	12		44-H		not on map	Eocene			
11696	Ventura	Reyes Peak	373	13		44-H		not on map	Eocene			
11697	Ventura	Reyes Peak	373	14		44-H		not on map	Eocene			
11698	Ventura	Reyes Peak	373	15		44-H		not on map	Eocene			
11699	Ventura	Reyes Peak	373	16		44-H		not on map	Eocene			
11700	Ventura	Reyes Peak	373	17		44-H		not on map	Eocene			
11701	Ventura	Reyes Peak	373	18		44-H		not on map	Eocene			
11702	Ventura	Reyes Peak	373	18		44-H		not on map	Eocene			
11703	Ventura	Reyes Peak	373	20		44-H		not on map	Eocene			
11704	Ventura	Reyes Peak	373	21		44-H		not on map	Eocene			
11705	Ventura	Reyes Peak	373	22		44-H		not on map	Eocene			
11706	Ventura	Reyes Peak	373	23		44-H		not on map	Eocene			
11707	Ventura	Reyes Peak	373	24		44-H		not on map	Eocene			
11708	Ventura	Reyes Peak	373	25		44-H		not on map	Eocene			
11709	Ventura	Reyes Peak	373	26		44-H		not on map	Eocene			
11710	Ventura	Reyes Peak	373	27		44-H		not on map	Eocene			
11711	Ventura	Reyes Peak	373	28		44-H		not on map	Eocene			
11712	Ventura	Reyes Peak	373	29		44-H		not on map	Eocene			
11713	Ventura	Reyes Peak	373	30		44-H		not on map	Eocene			
11714	Ventura	Reyes Peak	373	31		44-H		not on map	Eocene			
11715	Ventura	Reyes Peak	373	32		44-H		not on map	Eocene			
11716	Ventura	Reyes Peak	373	33		44-H		not on map	Eocene			
11717	Ventura	Reyes Peak	373	34		44-H		not on map	Eocene			
11718	Ventura	Reyes Peak	373	35		44-H		not on map	Eocene			
11719	Ventura	Reyes Peak	373	36		44-H		not on map	Eocene			
11720	Ventura	Reyes Peak	373	37		44-H		not on map	Eocene			
11721	Ventura	Reyes Peak	373	38		44-H		not on map	Eocene			
11722	Ventura	Reyes Peak	373	39		44-H		not on map	Eocene			
11723	Ventura	Reyes Peak	373	40		44-H		not on map	Eocene			
11724	Ventura	Reyes Peak	373	41		44-H		not on map	Eocene			
11725	Ventura	Reyes Peak	373	42		44-H		not on map	Eocene			
11726	Ventura	Reyes Peak	373	43		44-H		not on map	Eocene			
11727	Ventura	Reyes Peak	373	44		44-H		not on map	Eocene			
11728	Ventura	Reyes Peak	373	45		44-H		not on map	Eocene			
11729	Ventura	Reyes Peak	373	46		44-H		not on map	Eocene			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
11730	Ventura	Reyes Peak	373	48		44-H		not on map	Eocene			
11731	Ventura	Reyes Peak	373	49		44-H		not on map	Eocene			
11732	Ventura	Reyes Peak	373	50		44-H		not on map	Eocene			
11733	Ventura	Reyes Peak	373	51		44-H		not on map	Eocene			
11734	Ventura	Reyes Peak	373	52		44-H		not on map	Eocene			
11735	Ventura	Reyes Peak	373	53		44-H		not on map	Eocene			
11736	Ventura	Reyes Peak	374	1	Boulder Canyon	80-G			no paleo info			
11737	Ventura	Reyes Peak	374	2	Boulder Canyon	80-G			no paleo info			
11738	Ventura	Reyes Peak	374	3	Boulder Canyon	80-G			no paleo info			
11739	Ventura	Reyes Peak	374	4	Boulder Canyon	80-G			no paleo info			
11740	Ventura	Reyes Peak	374	5	Boulder Canyon	80-G			no paleo info			
11741	Ventura	Reyes Peak	374	6	Boulder Canyon	80-G			no paleo info			
11742	Ventura	Reyes Peak	374	7	Boulder Canyon	80-G			no paleo info			
11743	Ventura	Reyes Peak	374	9	Boulder Canyon	80-G			no paleo info			
11744	Ventura	Reyes Peak	374	10	Boulder Canyon	80-G			no paleo info			
11745	Ventura	Reyes Peak	374	12	Boulder Canyon	80-G			no paleo info			
11746	Ventura	Reyes Peak	374	13	Boulder Canyon	80-G			no paleo info			
11747	Ventura	Reyes Peak	374	14	Boulder Canyon	80-G			no paleo info			
11748	Ventura	Reyes Peak	374	16	Boulder Canyon	80-G			no paleo info			
11749	Ventura	Reyes Peak	374	17	Boulder Canyon	80-G			no paleo info			
11750	Ventura	Reyes Peak	374	18	Boulder Canyon	80-G			no paleo info			
11751	Ventura	Reyes Peak	374	19	Boulder Canyon	80-G			no paleo info			
11752	Ventura	Reyes Peak	374	20	Boulder Canyon	80-G			no paleo info			
11753	Ventura	Reyes Peak	374	21	Boulder Canyon	80-G			no paleo info			
11754	Ventura	Reyes Peak	374	23	Boulder Canyon	80-G			no paleo info			
11755	Ventura	Reyes Peak	374	24	Boulder Canyon	80-G			no paleo info			
11756	Ventura	Reyes Peak	374	26	Boulder Canyon	80-G			no paleo info			
11757	Ventura	Reyes Peak	374	27	Boulder Canyon	80-G			no paleo info			
11758	Ventura	Reyes Peak	374	28	Boulder Canyon	80-G			no paleo info			
11759	Ventura	Reyes Peak	374	30	Boulder Canyon	80-G			no paleo info			
11760	Ventura	Reyes Peak	374	32	Boulder Canyon	80-G			no paleo info			
11761	Ventura	Reyes Peak	377	X1	center of quad	82-C			no paleo info	Zeni and		
11762	Ventura	Reyes Peak	377	X2	center of quad	82-C			no paleo info	Klemme		
11763	Ventura	Reyes Peak	377	X3	center of quad	82-C			no paleo info			
11764	Ventura	Reyes Peak	377	X4	center of quad	82-C			no paleo info			
11765	Ventura	Reyes Peak	377	X5	center of quad	82-C			no paleo info			
11766	Ventura	Reyes Peak	377	5	center of quad	82-C			no paleo info			
11767	Ventura	Reyes Peak	377	6	center of quad	82-C			no paleo info			
11768	Ventura	Reyes Peak	377	8	center of quad	82-C			no paleo info			
11769	Ventura	Reyes Peak	377	9	center of quad	82-C			no paleo info			
11770	Ventura	Reyes Peak	377	10	center of quad	82-C			no paleo info			
11771	Ventura	Reyes Peak	377	11	center of quad	82-C			no paleo info			
11772	Ventura	Reyes Peak	377	16	center of quad	82-C			no paleo info			
11773	Ventura	Reyes Peak	377	17	center of quad	82-C			no paleo info			
11774	Ventura	Reyes Peak	377	18	center of quad	82-C			no paleo info			
11775	Ventura	Reyes Peak	377	19	center of quad	82-C			no paleo info			
11776	Ventura	Reyes Peak	377	20	center of quad	82-C			no paleo info			
11777	Ventura	Reyes Peak	377	21	center of quad	82-C			no paleo info			
11778	Ventura	Reyes Peak	377	22	center of quad	82-C			no paleo info			
11779	Ventura	Reyes Peak	377	23	center of quad	82-C			no paleo info			
11780	Ventura	Reyes Peak	377	24	center of quad	82-C			no paleo info			
11781	Ventura	Reyes Peak	377	25	center of quad	82-C			no paleo info			
11782	Ventura	Reyes Peak	377	26	center of quad	82-C			no paleo info			
11783	Ventura	Reyes Peak	377	27	center of quad	82-C			no paleo info			
11784	Ventura	Rancho Nuevo Creek	379	2	Deal Canyon area	82-G	SE part of quad		no paleo info			
11785	Ventura	Rancho Nuevo Creek	379	3	Deal Canyon area	82-G	SE part of quad		no paleo info			
11786	Ventura	Rancho Nuevo Creek	379	6	Deal Canyon area	82-G	SE part of quad		no paleo info			
11787	Ventura	Rancho Nuevo Creek	379	9	Deal Canyon area	82-G	SE part of quad		no paleo info			
11788	Ventura	Lion Canyon	380	6	NW part of quad	82-M	Pine Mtn fault		no paleo info			
11789	Ventura	Lion Canyon	380	7	NW part of quad	82-M	Pine Mtn fault		no paleo info			
11790	Ventura	Lion Canyon	380	12	NW part of quad	82-M	Pine Mtn fault		no paleo info			
11791	Ventura	Lion Canyon	380	13	NW part of quad	82-M	Pine Mtn fault		no paleo info			
11792	Ventura	Lion Canyon	380	14	NW part of quad	82-M	Pine Mtn fault		no paleo info			
11793	Ventura	Lion Canyon	380	15	NW part of quad	82-M	Pine Mtn fault		no paleo info			
11794	Ventura	Lion Canyon	380	18	NW part of quad	82-M	Pine Mtn fault		no paleo info			
11795	Ventura	Lion Canyon	380	19	NW part of quad	82-M	Pine Mtn fault		no paleo info			
11796	Ventura	Rancho Nuevo Creek	381	1	SE part of quad	70-H	Pine Mtn Pass		no paleo info			
11797	Ventura	Rancho Nuevo Creek	381	2	SE part of quad	70-H	Pine Mtn Pass		no paleo info			
11798	Ventura	Rancho Nuevo Creek	381	3	SE part of quad	70-H	Pine Mtn Pass		no paleo info			
11799	Ventura	Rancho Nuevo Creek	381	5	SE part of quad	70-H	Pine Mtn Pass		no paleo info			
11800	Ventura	Rancho Nuevo Creek	381	8	SE part of quad	70-H	Pine Mtn Pass		no paleo info			
11801	Ventura	Rancho Nuevo Creek	381	10	SE part of quad	70-H	Pine Mtn Pass		no paleo info			
11802	Ventura	Rancho Nuevo Creek	381	12	SE part of quad	70-H	Pine Mtn Pass		no paleo info			
11803	Ventura	Rancho Nuevo Creek	381	13	SE part of quad	70-H	Pine Mtn Pass		no paleo info			
11804	Ventura	Rancho Nuevo Creek	381	14	SE part of quad	70-H	Pine Mtn Pass		no paleo info			
11805	Ventura	Rancho Nuevo Creek	381	15	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
11806	Ventura	Rancho Nuevo Creek	381	16	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
11807	Ventura	Rancho Nuevo Creek	381	20	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
11808	Ventura	Rancho Nuevo Creek	381	1RS	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
11809	Ventura	Rancho Nuevo Creek	381	2RS	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
11810	Ventura	Rancho Nuevo Creek	381	3RS	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
11811	Ventura	Rancho Nuevo Creek	381	4RS	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
11812	Ventura	Rancho Nuevo Creek	381	6RS	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
11813	Ventura	Rancho Nuevo Creek	381	7RS	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
11814	Ventura	Rancho Nuevo Creek	381	11RS	SE part of quad	70-I	Pine Mtn Pass		no paleo info			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
11815	Ventura	Rancho Nuevo Creek	381	12RS	SE part of quad	70-I	Pine Mtn Pass					no paleo info
11816	Ventura	Rancho Nuevo Creek	381	13RS	SE part of quad	70-I	Pine Mtn Pass					no paleo info
11817	Ventura	Rancho Nuevo Creek	381	14RS	SE part of quad	70-I	Pine Mtn Pass					no paleo info
11818	Ventura	Rancho Nuevo Creek	381	15RS	SE part of quad	70-I	Pine Mtn Pass					no paleo info
11819	Los Angeles	Whitaker Peak	382	1	EC part of quad	49-J	old Violin Cyn Quad					prob Upper Miocene
11820	Los Angeles	Whitaker Peak	382	2	EC part of quad	49-J	old Violin Cyn Quad					prob Upper Miocene
11821	Los Angeles	Whitaker Peak	382	3	EC part of quad	49-J	old Violin Cyn Quad					prob Upper Miocene
11822	Los Angeles	Whitaker Peak	382	4	EC part of quad	49-J	old Violin Cyn Quad					prob Upper Miocene
11823	Los Angeles	Whitaker Peak	382	5	EC part of quad	49-J	old Violin Cyn Quad					prob Upper Miocene
11824	Los Angeles	Whitaker Peak	382	6	EC part of quad	49-J	old Violin Cyn Quad					prob Upper Miocene
11825	Los Angeles	Whitaker Peak	382	7	EC part of quad	49-J	old Violin Cyn Quad					prob Upper Miocene
11826	Los Angeles	Whitaker Peak	382	8	EC part of quad	49-J	old Violin Cyn Quad					prob Upper Miocene
11827	Los Angeles	Whitaker Peak	382	9	EC part of quad	49-J	old Violin Cyn Quad					prob Upper Miocene
11828	Los Angeles	Whitaker Peak	382	10	EC part of quad	49-J	old Violin Cyn Quad					prob Upper Miocene
11829	Los Angeles	Whitaker Peak	382	11	EC part of quad	49-J	old Violin Cyn Quad					prob Upper Miocene
11830	Los Angeles	Whitaker Peak	382	12	EC part of quad	49-J	old Violin Cyn Quad					prob Upper Miocene
11831	Los Angeles	Whitaker Peak	382	13	EC part of quad	49-J	old Violin Cyn Quad					prob Upper Miocene
11832	Los Angeles	Whitaker Peak	382	14	EC part of quad	49-J	old Violin Cyn Quad					prob Upper Miocene
11833	Los Angeles	Whitaker Peak	382	15	EC part of quad	49-J	old Violin Cyn Quad					prob Upper Miocene
11834	Los Angeles	Whitaker Peak	382	16	EC part of quad	49-J	old Violin Cyn Quad					prob Upper Miocene
11835	Los Angeles	Whitaker Peak	382	16A	EC part of quad	49-J	old Violin Cyn Quad					prob Upper Miocene
11836	Los Angeles	Whitaker Peak	382	17	EC part of quad	49-J	old Violin Cyn Quad					prob Upper Miocene
11837	Ventura	Wheeler Springs	382	1	WC part of quad	82-H	see loc 355 for					M Eocene A-2 zone
11838	Ventura	Wheeler Springs	382	2	WC part of quad	82-H	strat column					M Eocene A-2 zone
11839	Ventura	Wheeler Springs	382	3	WC part of quad	82-H	Tule Creek on					M Eocene A-2 zone
11840	Ventura	Wheeler Springs	382	5	WC part of quad	82-H	slide.					M Eocene A-2 zone
11841	Ventura	Wheeler Springs	382	9	WC part of quad	82-H						M Eocene A-2 zone
11842	Ventura	Wheeler Springs	382	11	WC part of quad	82-H						M Eocene A-2 zone
11843	Ventura	Wheeler Springs	382	18	WC part of quad	82-H						M Eocene A-2 zone
11844	Ventura	Wheeler Springs	382	20	WC part of quad	82-H						M Eocene A-2 zone
11845	Ventura	Wheeler Springs	382	21	WC part of quad	82-H						M Eocene A-2 zone
11846	Ventura	Wheeler Springs	382	22	WC part of quad	82-H						M Eocene A-2 zone
11847	Ventura	Wheeler Springs	382	23	WC part of quad	82-H						M Eocene A-2 zone
11848	Ventura	Wheeler Springs	382	24	WC part of quad	82-H						M Eocene A-2 zone
11849	Ventura	Wheeler Springs	382	25	WC part of quad	82-H						M Eocene A-2 zone
11850	Ventura	Wheeler Springs	382	27	WC part of quad	82-H						M Eocene A-2 zone
11851	Ventura	Wheeler Springs	382	31	WC part of quad	82-H						M Eocene A-2 zone
11852	Ventura	Wheeler Springs	382	33	WC part of quad	82-H						M Eocene A-2 zone
11853	Ventura	Wheeler Springs	382	1A	WC part of quad	82-H						M Eocene A-2 zone
11854	Ventura	Wheeler Springs	382	2A	WC part of quad	82-H						M Eocene A-2 zone
11855	Ventura	Wheeler Springs	382	3A	WC part of quad	82-H						M Eocene A-2 zone
11856	Ventura	Wheeler Springs	382	4A	WC part of quad	82-H						M Eocene A-2 zone
11857	Ventura	Wheeler Springs	382	5A	WC part of quad	82-H						M Eocene A-2 zone
11858	Ventura	Reyes Peak	383	15	SW part of quad	82-L	Slide says Pine Mtn					Mostly not diagnostic
11859	Ventura	Reyes Peak	383	18	SW part of quad	82-L						Mostly not diagnostic
11860	Ventura	Reyes Peak	383	25	SW part of quad	82-L						Mostly not diagnostic
11861	Ventura	Reyes Peak	383	26	SW part of quad	82-L						Mostly not diagnostic
11862	Ventura	Reyes Peak	383	27	SW part of quad	82-L						Mostly not diagnostic
11863	Ventura	Reyes Peak	383	28	SW part of quad	82-L						Mostly not diagnostic
11864	Los Angeles	Whitaker Peak	383	1	EC part of quad	49-I						Mostly not diagnostic
11865	Los Angeles	Whitaker Peak	383	2	EC part of quad	49-I						Mostly not diagnostic
11866	Los Angeles	Whitaker Peak	383	3	EC part of quad	49-I						Mostly not diagnostic
11867	Los Angeles	Whitaker Peak	383	4	EC part of quad	49-I						Mostly not diagnostic
11868	Los Angeles	Whitaker Peak	383	5	EC part of quad	49-I						Mostly not diagnostic
11869	Los Angeles	Whitaker Peak	383	6	EC part of quad	49-I						Mostly not diagnostic
11870	Los Angeles	Whitaker Peak	383	7	EC part of quad	49-I						Mostly not diagnostic
11871	Los Angeles	Whitaker Peak	383	8	EC part of quad	49-I						Mostly not diagnostic
11872	Los Angeles	Whitaker Peak	383	9	EC part of quad	49-I						Mostly not diagnostic
11873	Los Angeles	Whitaker Peak	383	10	EC part of quad	49-I						Mostly not diagnostic
11874	Los Angeles	Whitaker Peak	383	11	EC part of quad	49-I						Mostly not diagnostic
11875	Los Angeles	Whitaker Peak	383	12	EC part of quad	49-I						Mostly not diagnostic
11876	Los Angeles	Whitaker Peak	383	14	EC part of quad	49-I						Mostly not diagnostic
11877	Los Angeles	Whitaker Peak	383	15	EC part of quad	49-I						Mostly not diagnostic
11878	Los Angeles	Whitaker Peak	383	16	EC part of quad	49-I						Mostly not diagnostic
11879	Los Angeles	Whitaker Peak	383	17	EC part of quad	49-J						Mostly not diagnostic
11880	Los Angeles	Whitaker Peak	383	18	EC part of quad	49-J						Mostly not diagnostic
11881	Los Angeles	Whitaker Peak	383	19	EC part of quad	49-J						Mostly not diagnostic
11882	Los Angeles	Whitaker Peak	383	20	EC part of quad	49-J						Mostly not diagnostic
11883	Los Angeles	Whitaker Peak	383	21	EC part of quad	49-J						Mostly not diagnostic
11884	Los Angeles	Whitaker Peak	383	22	EC part of quad	49-J						Mostly not diagnostic
11885	Los Angeles	Whitaker Peak	383	24	EC part of quad	49-J						Mostly not diagnostic
11886	Los Angeles	Whitaker Peak	383	25	EC part of quad	49-J						Mostly not diagnostic
11887	Los Angeles	Whitaker Peak	383	26	EC part of quad	49-J						Mostly not diagnostic
11888	Los Angeles	Whitaker Peak	383	28	EC part of quad	49-J						Mostly not diagnostic
11889	Los Angeles	Whitaker Peak	383	30	EC part of quad	49-J						Mostly not diagnostic
11890	Los Angeles	Whitaker Peak	383	40	EC part of quad	49-J						Mostly not diagnostic
11891	Los Angeles	Whitaker Peak	383	42	EC part of quad	49-J						Mostly not diagnostic
11892	Los Angeles	Whitaker Peak	383	43	EC part of quad	49-J						Mostly not diagnostic
11893	Los Angeles	Whitaker Peak	383	44	EC part of quad	49-J						Mostly not diagnostic
11894	Los Angeles	Whitaker Peak	383	45	EC part of quad	49-J						Mostly not diagnostic
11895	Los Angeles	Whitaker Peak	383	46	EC part of quad	49-J						Mostly not diagnostic
11896	Los Angeles	Whitaker Peak	383	54	EC part of quad	49-J						Mostly not diagnostic
11897	Los Angeles	Whitaker Peak	383	55	EC part of quad	49-J						Mostly not diagnostic
11898	Los Angeles	Whitaker Peak	383	56	EC part of quad	49-J						Mostly not diagnostic
11899	Los Angeles	Whitaker Peak	383	58	EC part of quad	49-J						Mostly not diagnostic

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
11900	Los Angeles	Whitaker Peak	383	59	EC part of quad	49-J						Mostly not diagnostic
11901	Los Angeles	Whitaker Peak	383	60	EC part of quad	49-J						Mostly not diagnostic
11902	Los Angeles	Whitaker Peak	383	65	EC part of quad	49-J						Mostly not diagnostic
11903	Los Angeles	Whitaker Peak	383	66	EC part of quad	49-J						Mostly not diagnostic
11904	Los Angeles	Whitaker Peak	383	67	EC part of quad	49-J						Mostly not diagnostic
11905	Los Angeles	Whitaker Peak	383	68	EC part of quad	49-J						Mostly not diagnostic
11906	Los Angeles	Whitaker Peak	383	69	EC part of quad	49-J						Mostly not diagnostic
11907	Los Angeles	Whitaker Peak	383	70	EC part of quad	49-J						Mostly not diagnostic
11908	Los Angeles	Warm Springs Mtn	384	1	Necktie Canyon	50-F	Formerly part of	Age based on				probably Pliocene
11909	Los Angeles	Warm Springs Mtn	384	2	Necktie Canyon	50-F	Violin Canyon Quad	clam Arca				probably Pliocene
11910	Los Angeles	Warm Springs Mtn	384	3	Necktie Canyon	50-F		trilineata				probably Pliocene
11911	Los Angeles	Warm Springs Mtn	384	4	Necktie Canyon	50-F						probably Pliocene
11912	Los Angeles	Warm Springs Mtn	384	5	Necktie Canyon	50-F						probably Pliocene
11913	Los Angeles	Warm Springs Mtn	384	6	Necktie Canyon	50-F						probably Pliocene
11914	Los Angeles	Warm Springs Mtn	384	7	Necktie Canyon	50-F						probably Pliocene
11915	Los Angeles	Warm Springs Mtn	384	8	Necktie Canyon	50-F						probably Pliocene
11916	Los Angeles	Warm Springs Mtn	384	9	Necktie Canyon	50-F						probably Pliocene
11917	Los Angeles	Warm Springs Mtn	384	10	Necktie Canyon	50-F						probably Pliocene
11918	Los Angeles	Warm Springs Mtn	384	11	Necktie Canyon	50-F						probably Pliocene
11919	Los Angeles	Whitaker Peak	384	12	Necktie Canyon	50-F						probably Pliocene
11920	Los Angeles	Mint Canyon	386	1	SC part of quad	56-B						Pliocene
11921	Los Angeles	Mint Canyon	386	2	SC part of quad	56-B						Pliocene
11922	Los Angeles	Mint Canyon	386	3	SC part of quad	56-B						Pliocene
11923	Los Angeles	Mint Canyon	386	4	SC part of quad	56-B						Pliocene
11924	Los Angeles	Mint Canyon	386	5	SC part of quad	56-B						Pliocene
11925	Los Angeles	Mint Canyon	386	7	SC part of quad	56-B						Pliocene
11926	Los Angeles	Hollywood	388	53	EC part of quad	58-K	storm tunnel	Good faunas				no ages provided
11927	Los Angeles	Hollywood	388	60	EC part of quad	58-K	see also Los	with lists of				no ages provided
11928	Los Angeles	Hollywood	388	68	EC part of quad	58-K	Angeles 7.5'	genera. Many				no ages provided
11929	Los Angeles	Hollywood	388	69	EC part of quad	58-K		more faunas				no ages provided
11930	Los Angeles	Hollywood	388	68	EC part of quad	58-K		were examined				no ages provided
11931	Los Angeles	Hollywood	388	56	EC part of quad	58-K		but no slides				no ages provided
11932	Los Angeles	Hollywood	388	82	EC part of quad	58-K		provided.				no ages provided
11933	Los Angeles	Hollywood	388	83	EC part of quad	58-K						no ages provided
11934	Los Angeles	Hollywood	388	70	EC part of quad	58-K						no ages provided
11935	Los Angeles	Hollywood	388	71	EC part of quad	58-K						no ages provided
11936	Los Angeles	Hollywood	388	72	EC part of quad	58-K						no ages provided
11937	Los Angeles	Hollywood	388	72	EC part of quad	58-K						no ages provided
11938	Ventura	Lion Canyon	389	5	Piedra Blanca Ck	82-M						no paleo info
11939	Ventura	Lion Canyon	389	6	Piedra Blanca Ck	82-M						no paleo info
11940	Ventura	Lion Canyon	389	7	Piedra Blanca Ck	82-M						no paleo info
11941	Ventura	Lion Canyon	389	8	Piedra Blanca Ck	82-M						no paleo info
11942	Ventura	Lion Canyon	389	9	Piedra Blanca Ck	82-M						no paleo info
11943	Ventura	Lion Canyon	389	10	Piedra Blanca Ck	82-M						no paleo info
11944	Ventura	Lion Canyon	389	11	Piedra Blanca Ck	82-M						no paleo info
11945	Ventura	Lion Canyon	389	15	Piedra Blanca Ck	82-M						no paleo info
11946	Ventura	Lion Canyon	389	16	Piedra Blanca Ck	82-M						no paleo info
11947	Ventura	Lion Canyon	389	17	Piedra Blanca Ck	82-M						no paleo info
11948	Ventura	Lockwood Valley	391	10	Upper Piru Creek	45-J	strat column					M Eocene A-2 zone
11949	Ventura	Lockwood Valley	391	25	Upper Piru Creek	45-J	see loc 355					Zeni & S
11950	Ventura	Lockwood Valley	391	27	Upper Piru Creek	45-J	strat column					M Eocene A-2 zone
11951	Ventura	Lockwood Valley	391	34	Upper Piru Creek	45-J	strat column					Zeni & S
11952	Ventura	Lockwood Valley	391	35	Upper Piru Creek	45-J	strat column					M Eocene A-2 zone
11953	Ventura	Lockwood Valley	391	36	Upper Piru Creek	45-J	strat column					Zeni & S
11954	Ventura	Lockwood Valley	391	37	Upper Piru Creek	45-J	strat column					M Eocene A-2 zone
11955	Ventura	Lockwood Valley	391	38	Upper Piru Creek	45-J	strat column					Zeni & S
11956	Ventura	Lockwood Valley	391	39	Upper Piru Creek	45-J	strat column					M Eocene A-2 zone
11957	Ventura	Lockwood Valley	391	40	Upper Piru Creek	45-J	strat column					Zeni & S
11958	Ventura	Lockwood Valley	391	41	Upper Piru Creek	45-J	strat column					M Eocene A-2 zone
11959	Ventura	Lockwood Valley	391	42	Upper Piru Creek	45-J	strat column					Zeni & S
11960	Ventura	Lockwood Valley	391	44	Upper Piru Creek	45-J	strat column					M Eocene A-2 zone
11961	Ventura	Lockwood Valley	391	45	Upper Piru Creek	45-J	strat column					Zeni & S
11962	Ventura	Lockwood Valley	391	46	Upper Piru Creek	45-J	strat column					M Eocene A-2 zone
11963	Ventura	Lockwood Valley	391	49	Upper Piru Creek	45-J	strat column					Zeni & S
11964	Ventura	Lockwood Valley	391	51	Upper Piru Creek	45-J	strat column					M Eocene A-2 zone
11965	Ventura	Lockwood Valley	391	52	Upper Piru Creek	45-J	strat column					Zeni & S
11966	Ventura	Lockwood Valley	391	55	Upper Piru Creek	45-J	strat column					M Eocene A-2 zone
11967	Ventura	Lockwood Valley	391	56	Upper Piru Creek	45-J	strat column					Zeni & S
11968	Ventura	Lockwood Valley	391	58	Upper Piru Creek	45-J	strat column					M Eocene A-2 zone
11969	Ventura	Lockwood Valley	391	59	Upper Piru Creek	45-K	strat column					Zeni & S
11970	Ventura	Lockwood Valley	391	60	Upper Piru Creek	45-K	strat column					M Eocene A-2 zone
11971	Ventura	Lockwood Valley	391	61	Upper Piru Creek	45-K	strat column					Zeni & S
11972	Ventura	Lockwood Valley	391	62A	Upper Piru Creek	45-K	strat column					M Eocene A-2 zone
11973	Ventura	Lockwood Valley	391	1A	Upper Piru Creek	45-K	strat column					Zeni & S
11974	Ventura	Lockwood Valley	391	2A	Upper Piru Creek	45-K	strat column					M Eocene A-2 zone
11975	Ventura	Lockwood Valley	391	3A	Upper Piru Creek	45-K	strat column					Zeni & S
11976	Ventura	Lockwood Valley	391	4A	Upper Piru Creek	45-K	strat column					M Eocene A-2 zone
11977	Ventura	Lockwood Valley	391	6A	Upper Piru Creek	45-K	strat column					Zeni & S
11978	Ventura	Lockwood Valley	391	8A	Upper Piru Creek	45-K	strat column					M Eocene A-2 zone
11979	Ventura	Lockwood Valley	393	1	Upper Piru Creek	88-D	see loc 355					Zeni & S
11980	Ventura	Lockwood Valley	393	2	Upper Piru Creek	88-D	strat column					M Eocene A-2 zone
11981	Ventura	Lockwood Valley	393	3	Upper Piru Creek	88-D	strat column					Zeni & S
11982	Ventura	Lockwood Valley	393	4	Upper Piru Creek	88-C	strat column					M Eocene A-2 zone
11983	Ventura	Lockwood Valley	393	5	Upper Piru Creek	88-C	strat column					Zeni & S
11984	Ventura	Lockwood Valley	393	6	Upper Piru Creek	88-C	strat column					M Eocene A-2 zone

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ZONE/SERIES/AG	COLLECTORS		
12070	Ventura	Lockwood Valley	393	97	Upper Piru Creek	88-F	strat column		M Eocene A-2 zon	Zeni & S		
12071	Ventura	Lockwood Valley	393	98	Upper Piru Creek	88-F	strat column		M Eocene A-2 zon	Zeni & S		
12072	Ventura	Lockwood Valley	393	99	Upper Piru Creek	88-F	strat column		M Eocene A-2 zon	Zeni & S		
12073	Ventura	Lockwood Valley	393	100	Upper Piru Creek	88-F	strat column		M Eocene A-2 zon	Zeni & S		
12074	Ventura	Lockwood Valley	393	101	Upper Piru Creek	88-F	strat column		M Eocene A-2 zon	Zeni & S		
12075	Ventura	Lockwood Valley	393	102	Upper Piru Creek	88-F	strat column		M Eocene A-2 zon	Zeni & S		
12076	Ventura	Lockwood Valley	393	103	Upper Piru Creek	88-F	strat column		M Eocene A-2 zon	Zeni & S		
12077	Ventura	Lockwood Valley	393	104	Upper Piru Creek	88-F	strat column		M Eocene A-2 zon	Zeni & S		
12078	Ventura	Lockwood Valley	393	105	Upper Piru Creek	88-F	strat column		M Eocene A-2 zon	Zeni & S		
12079	Ventura	Lockwood Valley	393	106	Upper Piru Creek	88-F	strat column		M Eocene A-2 zon	Zeni & S		
12080	Ventura	Lockwood Valley	393	107	Upper Piru Creek	88-F	strat column		M Eocene A-2 zon	Zeni & S		
12081	Ventura	Lockwood Valley	393	108	Upper Piru Creek	88-F	strat column		M Eocene A-2 zon	Zeni & S		
12082	Ventura	Lockwood Valley	393	109	Upper Piru Creek	88-F	strat column		M Eocene A-2 zon	Zeni & S		
12083	Ventura	Lockwood Valley	393	110	Upper Piru Creek	88-F	strat column		M Eocene A-2 zon	Zeni & S		
12084	San Luis Obispo	California Valley	394	A	SE part of quad	94-I	Slide says Caliente	La Panza 15'	no paleo info	Paap & S		
12085	San Luis Obispo	California Valley	394	B	SE part of quad	94-I	Range but locality	La Panza 15'	no paleo info	Paap & S		
12086	San Luis Obispo	California Valley	394	C	SE part of quad	94-I	on map has no	La Panza 15'	no paleo info	Paap & S		
12087	San Luis Obispo	California Valley	394	D	SE part of quad	94-I	indication that	La Panza 15'	no paleo info	Paap & S		
12088	San Luis Obispo	California Valley	394	E	SE part of quad	94-I	multiple samples	La Panza 15'	no paleo info	Paap & S		
12089	San Luis Obispo	California Valley	394	F	SE part of quad	94-I	were taken.	La Panza 15'	no paleo info	Paap & S		
12090	San Luis Obispo	California Valley	394	T	SE part of quad	94-I		La Panza 15'	no paleo info	Paap & S		
12091	San Luis Obispo	California Valley	394	K	SE part of quad	94-I		La Panza 15'	no paleo info	Paap & S		
12092	San Luis Obispo	California Valley	394	L	SE part of quad	94-I		La Panza 15'	no paleo info	Paap & S		
12093	San Luis Obispo	California Valley	394	M	SE part of quad	94-I		La Panza 15'	no paleo info	Paap & S		
12094	San Luis Obispo	California Valley	394	N	SE part of quad	94-I		La Panza 15'	no paleo info	Paap & S		
12095	San Luis Obispo	California Valley	394	O	SE part of quad	94-I		La Panza 15'	no paleo info	Paap & S		
12096	San Luis Obispo	California Valley	394	P	SE part of quad	94-I		La Panza 15'	no paleo info	Paap & S		
12097	Kern	Maricopa	395	3	Bitterwater Creek	94-J	Map shows only		no paleo info	Owens		
12098	Kern	Maricopa	395	5	Bitterwater Creek	94-J	22 sub-localities		no paleo info	Owens		
12099	Kern	Maricopa	395	6	Bitterwater Creek	94-J			no paleo info	Owens		
12100	Kern	Maricopa	395	7	Bitterwater Creek	94-J			no paleo info	Owens		
12101	Kern	Maricopa	395	8	Bitterwater Creek	94-J			no paleo info	Owens		
12102	Kern	Maricopa	395	9	Bitterwater Creek	94-J			no paleo info	Owens		
12103	Kern	Maricopa	395	10	Bitterwater Creek	94-J			no paleo info	Owens		
12104	Kern	Maricopa	395	11	Bitterwater Creek	94-J			no paleo info	Owens		
12105	Kern	Maricopa	395	12	Bitterwater Creek	94-J			no paleo info	Owens		
12106	Kern	Maricopa	395	13	Bitterwater Creek	94-J			no paleo info	Owens		
12107	Kern	Maricopa	395	14	Bitterwater Creek	94-J			no paleo info	Owens		
12108	Kern	Maricopa	395	15	Bitterwater Creek	94-J			no paleo info	Owens		
12109	Kern	Maricopa	395	16	Bitterwater Creek	94-J			no paleo info	Owens		
12110	Kern	Maricopa	395	17	Bitterwater Creek	94-J			no paleo info	Owens		
12111	Kern	Maricopa	395	18	Bitterwater Creek	94-J			no paleo info	Owens		
12112	Kern	Maricopa	395	19	Bitterwater Creek	94-K			no paleo info	Owens		
12113	Kern	Maricopa	395	20	Bitterwater Creek	94-K			no paleo info	Owens		
12114	Kern	Maricopa	395	21	Bitterwater Creek	94-K			no paleo info	Owens		
12115	Kern	Maricopa	395	22	Bitterwater Creek	94-K			no paleo info	Owens		
12116	Kern	Maricopa	395	23	Bitterwater Creek	94-K			no paleo info	Owens		
12117	Kern	Maricopa	395	24	Bitterwater Creek	94-K			no paleo info	Owens		
12118	Kern	Maricopa	395	26	Bitterwater Creek	94-K			no paleo info	Owens		
12119	Kern	Maricopa	395	28	Bitterwater Creek	94-K			no paleo info	Owens		
12120	Kern	Maricopa	395	29	Bitterwater Creek	94-K			no paleo info	Owens		
12121	Kern	Maricopa	395	31	Bitterwater Creek	94-K			no paleo info	Owens		
12122	Kern	Maricopa	395	32	Bitterwater Creek	94-K			no paleo info	Owens		
12123	Kern	Maricopa	395	33	Bitterwater Creek	94-K			no paleo info	Owens		
12124	Kern	Maricopa	395	34	Bitterwater Creek	94-K			no paleo info	Owens		
12125	Kern	Maricopa	395	35	Bitterwater Creek	94-K			no paleo info	Owens		
12126	Kern	Maricopa	395	36	Bitterwater Creek	94-K			no paleo info	Owens		
12127	Kern	Maricopa	395	37	Bitterwater Creek	94-K			no paleo info	Owens		
12128	Kern	Maricopa	395	38	Bitterwater Creek	94-K			no paleo info	Owens		
12129	Kern	Maricopa	395	39	Bitterwater Creek	94-K			no paleo info	Owens		
12130	Kern	Maricopa	395	40	Bitterwater Creek	94-K			no paleo info	Owens		
12131	Kern	Maricopa	395	42	Bitterwater Creek	94-K			no paleo info	Owens		
12132	Kern	Maricopa	395	45	Bitterwater Creek	94-K			no paleo info	Owens		
12133	Kern	Maricopa	395	47	Bitterwater Creek	94-K			no paleo info	Owens		
12134	Kern	Maricopa	395	48	Bitterwater Creek	94-K			no paleo info	Owens		
12135	Kern	Maricopa	395	49	Bitterwater Creek	94-K			no paleo info	Owens		
12136	Kern	Maricopa	395	50	Bitterwater Creek	94-K			no paleo info	Owens		
12137	Kern	Maricopa	395	51	Bitterwater Creek	94-K			no paleo info	Owens		
12138	Kern	Maricopa	395	52	Bitterwater Creek	94-K			no paleo info	Owens		
12139	Kern	Maricopa	395	53	Bitterwater Creek	94-K			no paleo info	Owens		
12140	Kern	Maricopa	395	54	Bitterwater Creek	94-K			no paleo info	Owens		
12141	Kern	Maricopa	395	55	Bitterwater Creek	94-K			no paleo info	Owens		
12142	Kern	Maricopa	395	56	Bitterwater Creek	94-K			no paleo info	Owens		
12143	Kern	Maricopa	395	57	Bitterwater Creek	94-K			no paleo info	Owens		
12144	Kern	Maricopa	395	58	Bitterwater Creek	94-K			no paleo info	Owens		
12145	Santa Barbara	San Marcos Pass	396	1	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
12146	Santa Barbara	San Marcos Pass	396	2	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
12147	Santa Barbara	San Marcos Pass	396	3	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
12148	Santa Barbara	San Marcos Pass	396	4	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
12149	Santa Barbara	San Marcos Pass	396	5	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
12150	Santa Barbara	San Marcos Pass	396	6	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
12151	Santa Barbara	San Marcos Pass	396	7	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
12152	Santa Barbara	San Marcos Pass	396	8	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
12153	Santa Barbara	San Marcos Pass	396	9	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
12154	Santa Barbara	San Marcos Pass	396	10	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
12155	Santa Barbara	San Marcos Pass	396	11	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
12156	Santa Barbara	San Marcos Pass	396	12	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
12157	Santa Barbara	San Marcos Pass	396	13	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
12158	Santa Barbara	San Marcos Pass	396	14	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
12159	Santa Barbara	San Marcos Pass	396	15	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
12160	Contra Costa	Antioch South	396	70	Oakley drill holes	90-F	seismic hole	4/1N/2E	not diagnostic			
12161	Contra Costa	Antioch South	396	80	Oakley drill holes	90-F	seismic hole # 1		not diagnostic			
12162	Contra Costa	Antioch South	396	86	Oakley drill holes	90-F	seismic hole # 1		Eocene A-1 or 2			
12163	Contra Costa	Antioch South	396	90	Oakley drill holes	90-F	seismic hole # 1		Eocene A-1 or 2			
12164	Contra Costa	Antioch South	396	100	Oakley drill holes	90-F	seismic hole # 1		1 Eocene A-1 or 2			
12165	Contra Costa	Antioch South	396	85	Oakley drill holes	90-F	seismic hole # 2		2 Eocene A-1 or 2			
12166	Contra Costa	Antioch South	396	90	Oakley drill holes	90-F	seismic hole		Eocene A-1 or 2			
12167	Contra Costa	Antioch South	396	85	Oakley drill holes	90-F	seismic hole # 3		3 Eocene A-1 or 2			
12168	Contra Costa	Antioch South	396	80	Oakley drill holes	90-F	seismic hole # 5		5 Eocene A-1 or 2			
12169	Contra Costa	Antioch South	396	90	Oakley drill holes	90-F	seismic hole		Eocene A-1 or 2			
12170	Contra Costa	Antioch South	396	65	Oakley drill holes	90-F	seismic hole # 6		6 Eocene A-1 or 2			
12171	Contra Costa	Antioch South	396	70	Oakley drill holes	90-F	seismic hole		Eocene A-1 or 2			
12172	Contra Costa	Antioch South	396	85	Oakley drill holes	90-F	seismic hole		Eocene A-1 or 2			
12173	Contra Costa	Antioch South	396	15	Oakley drill holes	90-F	seismic hole # 10		10 Eocene A-1 or 2			
12174	Contra Costa	Antioch South	396	10	Oakley drill holes	90-F	seismic hole		Eocene A-1 or 2			
12175	Contra Costa	Antioch South	396	20	Oakley drill holes	90-F	seismic hole		Eocene A-1 or 2			
12176	Contra Costa	Antioch South	396	10	Oakley drill holes	90-F	seismic hole # 11		11 Eocene A-1 or 2			
12177	Contra Costa	Antioch South	396	15	Oakley drill holes	90-F	seismic hole		Eocene A-1 or 2			
12178	Contra Costa	Antioch South	396	20	Oakley drill holes	90-F	seismic hole		Eocene A-1 or 2			
12179	Contra Costa	Antioch South	396	10	Oakley drill holes	90-F	seismic hole # 12		12 Eocene A-1 or 2			
12180	Contra Costa	Antioch South	396	15	Oakley drill holes	90-F	seismic hole		Eocene A-1 or 2			
12181	Contra Costa	Antioch South	396	20	Oakley drill holes	90-F	seismic hole		Eocene A-1 or 2			
12182	Contra Costa	Antioch South	396	10	Oakley drill holes	90-F	seismic hole # 13		13 Eocene A-1 or 2			
12183	Contra Costa	Antioch South	396	15	Oakley drill holes	90-F	seismic hole		Eocene A-1 or 2			
12184	Contra Costa	Antioch South	396	20	Oakley drill holes	90-F	seismic hole		Eocene A-1 or 2			
12185	Contra Costa	Antioch South	396	5	Oakley drill holes	90-F	seismic hole # 15		15 Eocene A-1 or 2			
12186	Contra Costa	Antioch South	396	10	Oakley drill holes	90-F	seismic hole # 16		16 Eocene A-1 or 2			
12187	Contra Costa	Antioch South	396	15	Oakley drill holes	90-F	seismic hole		Eocene A-1 or 2			
12188	Contra Costa	Antioch South	396	20	Oakley drill holes	90-F	seismic hole		Eocene A-1 or 2			
12189	Contra Costa	Antioch South	396	10	Oakley drill holes	90-F	seismic hole # 17		17 Eocene A-1 or 2			
12190	Contra Costa	Antioch South	396	20	Oakley drill holes	90-F	seismic hole		Eocene A-1 or 2			
12191	Contra Costa	Antioch South	396	15	Oakley drill holes	90-F	seismic hole # 18		Eocene A-1 or 2			
12192	Contra Costa	Antioch South	396	30	Oakley drill holes	90-F	seismic hole #		Eocene A-1 or 2			
12193	Contra Costa	Antioch South	396	20	Oakley drill holes	90-F	seismic hole # 19		Eocene A-1 or 2			
12194	Contra Costa	Antioch South	396	25	Oakley drill holes	90-F	seismic hole #		Eocene A-1 or 2			
12195	Contra Costa	Antioch South	396	30	Oakley drill holes	90-F	seismic hole #		Eocene A-1 or 2			
12196	Contra Costa	Antioch South	396	35	Oakley drill holes	90-F	seismic hole # 20		Eocene A-1 or 2			
12197	Contra Costa	Antioch South	396	60	Oakley drill holes	90-F	seismic hole # 21		Eocene A-1 or 2			
12198	Contra Costa	Antioch South	396	65	Oakley drill holes	90-F	seismic hole #		Eocene A-1 or 2			
12199	Contra Costa	Antioch South	396	70	Oakley drill holes	90-F	seismic hole #		Eocene A-1 or 2			
12200	Contra Costa	Antioch South	396	40	Oakley drill holes	90-F	seismic hole # 22		Eocene A-1 or 2			
12201	Contra Costa	Antioch South	396	50	Oakley drill holes	90-F	seismic hole #		Eocene A-1 or 2			
12202	Contra Costa	Antioch South	396	55	Oakley drill holes	90-F	seismic hole #		Eocene A-1 or 2			
12203	Contra Costa	Antioch South	396	60	Oakley drill holes	90-F	seismic hole #		Eocene A-1 or 2			
12204	Contra Costa	Antioch South	396	35	Oakley drill holes	90-F	seismic hole # 23		Eocene A-1 or 2			
12205	Contra Costa	Antioch South	396	45	Oakley drill holes	90-F	seismic hole #		Eocene A-1 or 2			
12206	Contra Costa	Antioch South	396	40	Oakley drill holes	90-F	seismic hole # 24		Eocene A-1 or 2			
12207	Contra Costa	Antioch South	396	50	Oakley drill holes	90-F	seismic hole # 25		Eocene A-1 or 2			
12208	Contra Costa	Antioch South	396	55	Oakley drill holes	90-F	seismic hole #		Eocene A-1 or 2			
12209	Contra Costa	Antioch South	396	60	Oakley drill holes	90-G	seismic hole #		Eocene A-1 or 2			
12210	Contra Costa	Antioch South	396	25	Oakley drill holes	90-G	seismic hole # 26		Eocene A-1 or 2			
12211	Contra Costa	Antioch South	396	30	Oakley drill holes	90-G	seismic hole #		Eocene A-1 or 2			
12212	Contra Costa	Antioch South	396	35	Oakley drill holes	90-G	seismic hole #		Eocene A-1 or 2			
12213	Contra Costa	Antioch South	396	40	Oakley drill holes	90-G	seismic hole # 27		Eocene A-1 or 2			
12214	Contra Costa	Antioch South	396	45	Oakley drill holes	90-G	seismic hole # 28		Eocene A-1 or 2			
12215	Contra Costa	Antioch South	396	55	Oakley drill holes	90-G	seismic hole #		Eocene A-1 or 2			
12216	Contra Costa	Antioch South	396	60	Oakley drill holes	90-G	seismic hole #		Eocene A-1 or 2			
12217	Contra Costa	Antioch South	396	50	Oakley drill holes	90-G	seismic hole # 29		Eocene A-1 or 2			
12218	Contra Costa	Antioch South	396	65	Oakley drill holes	90-G	seismic hole #		Eocene A-1 or 2			
12219	Contra Costa	Antioch South	396	60	Oakley drill holes	90-G	seismic hole #		Eocene A-1 or 2			
12220	Contra Costa	Antioch South	396	50	Oakley drill holes	90-G	seismic hole # 30		Eocene A-1 or 2			
12221	Contra Costa	Antioch South	396	55	Oakley drill holes	90-G	seismic hole #		Eocene A-1 or 2			
12222	Contra Costa	Antioch South	396	65	Oakley drill holes	90-G	seismic hole #		Eocene A-1 or 2			
12223	Contra Costa	Antioch South	396	70	Oakley drill holes	90-G	seismic hole #		Eocene A-1 or 2			
12224	Contra Costa	Antioch South	396	65	Oakley drill holes	90-G	seismic hole # 31		Eocene A-1 or 2			
12225	Contra Costa	Antioch South	396	60	Oakley drill holes	90-G	seismic hole #		Eocene A-1 or 2			
12226	Contra Costa	Antioch South	396	70	Oakley drill holes	90-G	seismic hole #		Eocene A-1 or 2			
12227	Contra Costa	Antioch South	396	10	Oakley drill holes	90-G	seismic hole # 32		Eocene A-1 or 2			
12228	Contra Costa	Antioch South	396	58	Oakley drill holes	90-G	seismic hole # 34		Eocene A-1 or 2			
12229	Contra Costa	Antioch South	396	60	Oakley drill holes	90-G	seismic hole #		Eocene A-1 or 2			
12230	Santa Barbara	Lake Cachuma	397	1	Tequepis Canyon	53-A			Ynezian			
12231	Santa Barbara	Lake Cachuma	397	2	Tequepis Canyon	53-A			not diagnostic			
12232	Santa Barbara	Lake Cachuma	397	3	Tequepis Canyon	53-A			Paleocene/eocene			
12233	Santa Barbara	Lake Cachuma	397	4	Tequepis Canyon	53-A			not diagnostic			
12234	Santa Barbara	Lake Cachuma	397	5	Tequepis Canyon	53-A			not diagnostic			
12235	Santa Barbara	Lake Cachuma	397	6	Tequepis Canyon	53-A			not diagnostic			
12236	Santa Barbara	Lake Cachuma	397	7	Tequepis Canyon	53-A			poss Ynezian			
12237	Santa Barbara	Lake Cachuma	397	8	Tequepis Canyon	53-A			not diagnostic			
12238	Santa Barbara	Lake Cachuma	397	9	Tequepis Canyon	53-A			not diagnostic			
12239	Santa Barbara	Lake Cachuma	397	11	Tequepis Canyon	53-A			not diagnostic			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
12240	Santa Barbara	Lake Cachuma	397	12	Tequepis Canyon	53-A			Ynezian			
12241	Santa Barbara	Lake Cachuma	397	13	Tequepis Canyon	53-A			not diagnostic			
12242	Santa Barbara	Lake Cachuma	397	15	Tequepis Canyon	53-A			Ynezian			
12243	Santa Barbara	Lake Cachuma	397	16	Tequepis Canyon	53-A			Ynezian			
12244	Santa Barbara	Lake Cachuma	397	19	Tequepis Canyon	53-A			not diagnostic			
12245	Santa Barbara	Lake Cachuma	397	21	Tequepis Canyon	53-A			not diagnostic			
12246	Santa Barbara	Lake Cachuma	397	22	Tequepis Canyon	53-A		"green bugs"	not diagnostic			
12247	Santa Barbara	Lake Cachuma	397	23	Tequepis Canyon	53-A			not diagnostic			
12248	Santa Barbara	Lake Cachuma	397	24	Tequepis Canyon	53-A			not diagnostic			
12249	Santa Barbara	Lake Cachuma	397	25	Tequepis Canyon	53-A			not diagnostic			
12250	Santa Barbara	Lake Cachuma	397	26	Tequepis Canyon	53-A			not diagnostic			
12251	Santa Barbara	Lake Cachuma	397	28	Tequepis Canyon	53-A			not diagnostic			
12252	Santa Barbara	Lake Cachuma	397	30	Tequepis Canyon	53-A			not diagnostic			
12253	Santa Barbara	Lake Cachuma	397	36	Tequepis Canyon	53-A			not diagnostic			
12254	Santa Barbara	Lake Cachuma	397	37	Tequepis Canyon	53-A			not diagnostic			
12255	Santa Barbara	Lake Cachuma	397	38	Tequepis Canyon	53-A			not diagnostic			
12256	Santa Barbara	Lake Cachuma	397	39	Tequepis Canyon	53-A			not diagnostic			
12257	Santa Barbara	Lake Cachuma	397	40	Tequepis Canyon	53-A			not diagnostic			
12258	Santa Barbara	Lake Cachuma	397	41	Tequepis Canyon	53-A			Upper Cretaceous			
12259	Santa Barbara	Lake Cachuma	397	42	Tequepis Canyon	53-A			not diagnostic			
12260	Santa Barbara	Lake Cachuma	397	43	Tequepis Canyon	53-A			Upper Cretaceous			
12261	Santa Barbara	Lake Cachuma	397	44	Tequepis Canyon	53-A			Upper Cretaceous			
12262	Santa Barbara	Lake Cachuma	397	45	Tequepis Canyon	53-A			no paleo info			
12263	Santa Barbara	Lake Cachuma	397	46	Tequepis Canyon	53-A			no paleo info			
12264	Santa Cruz	Castle Rock Ridge	397	BC1 etc	Bear Creek	91-A			Zemorian	Newton		
12265	Santa Cruz	Castle Rock Ridge	397	2	Bear Creek	91-A			Zemorian	Newton		
12266	Santa Cruz	Castle Rock Ridge	397	3	Bear Creek	91-A			Zemorian	Newton		
12267	Santa Cruz	Castle Rock Ridge	397	4	Bear Creek	91-A			Zemorian	Newton		
12268	Santa Cruz	Castle Rock Ridge	397	6	Bear Creek	91-A			Zemorian	Newton		
12269	Santa Cruz	Castle Rock Ridge	397	6	Bear Creek	91-A			Zemorian	Newton		
12270	Santa Cruz	Castle Rock Ridge	397	7	Bear Creek	91-A			Zemorian	Newton		
12271	Santa Cruz	Castle Rock Ridge	397	8	Bear Creek	91-A			Zemorian	Newton		
12272	Santa Cruz	Castle Rock Ridge	397	9	Bear Creek	91-A			Zemorian	Newton		
12273	Santa Cruz	Castle Rock Ridge	397	10	Bear Creek	91-A			Zemorian	Newton		
12274	Santa Cruz	Castle Rock Ridge	397	11	Bear Creek	91-A			Zemorian	Newton		
12275	Santa Cruz	Castle Rock Ridge	397	12	Bear Creek	91-A			Zemorian	Newton		
12276	Santa Cruz	Castle Rock Ridge	397	13	Bear Creek	91-A			Zemorian	Newton		
12277	Santa Cruz	Castle Rock Ridge	397	14	Bear Creek	91-A			Zemorian	Newton		
12278	Santa Cruz	Castle Rock Ridge	397	15	Bear Creek	91-A			Zemorian	Newton		
12279	Santa Cruz	Castle Rock Ridge	397	16	Bear Creek	91-A			Zemorian	Newton		
12280	Santa Cruz	Castle Rock Ridge	397	17	Bear Creek	91-A			Zemorian	Newton		
12281	Santa Cruz	Castle Rock Ridge	397	19	Bear Creek	91-A			Zemorian	Newton		
12282	Santa Cruz	Castle Rock Ridge	397	20	Bear Creek	91-A			Zemorian	Newton		
12283	Santa Cruz	Castle Rock Ridge	397	21	Bear Creek	91-A			Zemorian	Newton		
12284	Santa Cruz	Castle Rock Ridge	397	22	Bear Creek	91-A			Zemorian	Newton		
12285	Santa Cruz	Castle Rock Ridge	397	23	Bear Creek	91-A			Zemorian	Newton		
12286	Santa Cruz	Castle Rock Ridge	397	24	Bear Creek	91-A			Zemorian	Newton		
12287	Santa Cruz	Castle Rock Ridge	397	28	Bear Creek	91-A			Zemorian	Newton		
12288	Santa Cruz	Castle Rock Ridge	397	29	Bear Creek	91-A			Zemorian	Newton		
12289	Santa Cruz	Castle Rock Ridge	397	30	Bear Creek	91-A			Zemorian	Newton		
12290	Santa Cruz	Castle Rock Ridge	397	31	Bear Creek	91-A			Zemorian	Newton		
12291	Santa Cruz	Castle Rock Ridge	397	32	Bear Creek	91-A			Zemorian	Newton		
12292	Santa Cruz	Castle Rock Ridge	397	33	Bear Creek	91-A			Zemorian	Newton		
12293	Santa Cruz	Castle Rock Ridge	397	34	Bear Creek	91-A			Zemorian	Newton		
12294	Santa Cruz	Castle Rock Ridge	397	35	Bear Creek	91-A			Zemorian	Newton		
12295	Santa Cruz	Castle Rock Ridge	397	36	Bear Creek	91-A			Zemorian	Newton		
12296	Santa Cruz	Castle Rock Ridge	397	37	Bear Creek	91-A			Zemorian	Newton		
12297	Santa Cruz	Castle Rock Ridge	397	39	Bear Creek	91-A			Zemorian	Newton		
12298	Santa Cruz	Castle Rock Ridge	397	40	Bear Creek	91-A			Zemorian	Newton		
12299	Santa Cruz	Castle Rock Ridge	397	41	Bear Creek	91-A			Zemorian	Newton		
12300	Santa Cruz	Castle Rock Ridge	397	42	Bear Creek	91-A			Zemorian	Newton		
12301	Santa Cruz	Castle Rock Ridge	397	43	Bear Creek	91-A			Zemorian	Newton		
12302	Santa Cruz	Castle Rock Ridge	397	44	Bear Creek	91-A			Zemorian	Newton		
12303	Santa Cruz	Castle Rock Ridge	397	45	Bear Creek	91-A			Zemorian	Newton		
12304	Santa Cruz	Castle Rock Ridge	397	46	Bear Creek	91-A			Zemorian	Newton		
12305	Santa Cruz	Castle Rock Ridge	397	47	Bear Creek	91-A			Zemorian	Newton		
12306	Santa Cruz	Castle Rock Ridge	397	BC51 etc	Bear Creek	91-A			Zemorian	Newton		
12307	Santa Cruz	Castle Rock Ridge	397	52	Bear Creek	91-A			Zemorian	Newton		
12308	Santa Cruz	Castle Rock Ridge	397	53	Bear Creek	91-A			Zemorian	Newton		
12309	Santa Cruz	Castle Rock Ridge	397	54	Bear Creek	91-A			Zemorian	Newton		
12310	Santa Cruz	Castle Rock Ridge	397	55	Bear Creek	91-A			Zemorian	Newton		
12311	Santa Cruz	Castle Rock Ridge	397	56	Bear Creek	91-A			Zemorian	Newton		
12312	Santa Cruz	Castle Rock Ridge	397	57	Bear Creek	91-A			Zemorian	Newton		
12313	Santa Cruz	Castle Rock Ridge	397	58	Bear Creek	91-A			Zemorian	Newton		
12314	Santa Cruz	Castle Rock Ridge	397	59	Bear Creek	91-A			Zemorian	Newton		
12315	Santa Cruz	Castle Rock Ridge	397	60	Bear Creek	91-A			Zemorian	Newton		
12316	Santa Cruz	Castle Rock Ridge	397	61	Bear Creek	91-A			Zemorian	Newton		
12317	Santa Cruz	Castle Rock Ridge	397	62	Bear Creek	91-A			Zemorian	Newton		
12318	Santa Cruz	Castle Rock Ridge	397	63	Bear Creek	91-A			Zemorian	Newton		
12319	Santa Cruz	Castle Rock Ridge	397	64	Bear Creek	91-A			Zemorian	Newton		
12320	Santa Cruz	Castle Rock Ridge	397	65	Bear Creek	91-A			Zemorian	Newton		
12321	Santa Cruz	Big Basin	398	SLR 1	San Lorenzo River	91-A	See lot #738		Eocene?	Newton		
12322	Ventura	Santa Paula Peak	398	1	S. Paula Canyon	56-J			Eocene			
12323	Ventura	Santa Paula Peak	398	2	S. Paula Canyon	56-J			Eocene			
12324	Ventura	Santa Paula Peak	398	3	S. Paula Canyon	56-J			Eocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
12325	Ventura	Santa Paula Peak	398	4	S. Paula Canyon	56-J			Eocene			
12326	Ventura	Santa Paula Peak	398	5	S. Paula Canyon	56-J			Eocene			
12327	Ventura	Santa Paula Peak	398	6	S. Paula Canyon	56-J			Eocene			
12328	Ventura	Santa Paula Peak	398	7	S. Paula Canyon	56-J			Eocene			
12329	Ventura	Santa Paula Peak	398	8	S. Paula Canyon	56-J			Eocene			
12330	Ventura	Santa Paula Peak	398	10	S. Paula Canyon	56-J			Eocene			
12331	Ventura	Santa Paula Peak	398	11	S. Paula Canyon	56-J			Eocene			
12332	Ventura	Santa Paula Peak	398	13	S. Paula Canyon	56-J			Eocene			
12333	Ventura	Santa Paula Peak	398	14	S. Paula Canyon	56-J			Eocene			
12334	Ventura	Santa Paula Peak	398	15	S. Paula Canyon	56-J			Eocene			
12335	Los Angeles	Topanga	399	"I	Potrero Canyon	61-C			no paleo info			
12336	Los Angeles	Topanga	399	j	Potrero Canyon	61-C			no paleo info			
12337	Los Angeles	Topanga	399	k	Potrero Canyon	61-C			no paleo info			
12338	Los Angeles	Topanga	399	G-6	Potrero Canyon	61-C			no paleo info			
12339	Los Angeles	Hollywood	400	10A	NE part of quad	59-A			no paleo info			
12340	Los Angeles	Hollywood	400	11C	NE part of quad	59-A			no paleo info			
12341	Los Angeles	Hollywood	400	4A	NE part of quad	59-A			no paleo info			
12342	Los Angeles	Hollywood	400	4B	NE part of quad	59-A			no paleo info			
12343	Los Angeles	Hollywood	400	SCD4A	NE part of quad	59-A			no paleo info			
12344	Los Angeles	Hollywood	400	SCD5	NE part of quad	59-A			no paleo info			
12345	Los Angeles	Hollywood	400	SCD4D	NE part of quad	59-A			no paleo info			
12346	Los Angeles	Hollywood	400	5C	NE part of quad	59-A			no paleo info			
12347	Los Angeles	Hollywood	400	"5E1	NE part of quad	59-A			no paleo info			
12348	Los Angeles	Hollywood	400	5D	NE part of quad	59-A			no paleo info			
12349	Los Angeles	Hollywood	400	22	NE part of quad	59-A			no paleo info			
12350	Los Angeles	Hollywood	400	24	NE part of quad	59-A			no paleo info			
12351	Los Angeles	Hollywood	400	22B	NE part of quad	59-A			no paleo info			
12352	Los Angeles	Hollywood	400	39	NE part of quad	59-A			no paleo info			
12353	Los Angeles	Hollywood	400	42	NE part of quad	59-A			no paleo info			
12354	Los Angeles	Hollywood	400	43	NE part of quad	59-A			no paleo info			
12355	Ventura	Lockwood Valley	400	5	U Piru Ck Pine Mtr	88-D	see loc 355	Not on map bu	M Eocene A-2 zone	Nadler &		
12356	Ventura	Lockwood Valley	400	16	U Piru Ck Pine Mtr	88-D	strat column	is close to lot	M Eocene A-2 zone	Scouler		
12357	Ventura	Lockwood Valley	400	17	U Piru Ck Pine Mtr	88-D	strat column	# 391 on	M Eocene A-2 zone			
12358	Ventura	Lockwood Valley	400	19	U Piru Ck Pine Mtr	88-D	strat column	strat column.	M Eocene A-2 zone			
12359	Ventura	Lockwood Valley	400	20	U Piru Ck Pine Mtr	88-D	strat column		M Eocene A-2 zone			
12360	Ventura	Lockwood Valley	400	23	U Piru Ck Pine Mtr	88-D	strat column		M Eocene A-2 zone			
12361	Ventura	Lockwood Valley	400	24	U Piru Ck Pine Mtr	88-D	strat column		M Eocene A-2 zone			
12362	Ventura	Lockwood Valley	400	25	U Piru Ck Pine Mtr	88-D	strat column		M Eocene A-2 zone			
12363	Ventura	Lockwood Valley	400	27	U Piru Ck Pine Mtr	88-D	strat column		M Eocene A-2 zone			
12364	Ventura	Lockwood Valley	400	29	U Piru Ck Pine Mtr	88-D	strat column		M Eocene A-2 zone			
12365	Ventura	Lockwood Valley	400	30	U Piru Ck Pine Mtr	88-D	strat column		M Eocene A-2 zone			
12366	Ventura	Lockwood Valley	400	31	U Piru Ck Pine Mtr	88-D	strat column		M Eocene A-2 zone			
12367	Ventura	Lockwood Valley	400	32	U Piru Ck Pine Mtr	88-D	strat column		M Eocene A-2 zone			
12368	Ventura	Lockwood Valley	400	33	U Piru Ck Pine Mtr	88-D	strat column		M Eocene A-2 zone			
12369	Ventura	Lockwood Valley	400	34	U Piru Ck Pine Mtr	88-D	strat column		M Eocene A-2 zone			
12370	Ventura	Lockwood Valley	400	35	U Piru Ck Pine Mtr	88-D	strat column		M Eocene A-2 zone			
12371	Ventura	Lockwood Valley	400	36	U Piru Ck Pine Mtr	88-D	strat column		M Eocene A-2 zone			
12372	Ventura	Lockwood Valley	400	38	U Piru Ck Pine Mtr	88-D	strat column		M Eocene A-2 zone			
12373	Santa Barbara	Madulce Peak	402	1	Big Pine Road	4-M			no paleo info	Scouler &		
12374	Santa Barbara	Madulce Peak	402	4	Big Pine Road	4-M			no paleo info	Scouler &		
12375	Santa Barbara	Madulce Peak	402	5	Big Pine Road	4-M			no paleo info	Scouler &		
12376	Santa Barbara	Madulce Peak	402	6	Big Pine Road	4-M			no paleo info	Scouler &		
12377	Santa Barbara	Madulce Peak	402	7	Big Pine Road	4-M			no paleo info	Scouler &		
12378	Santa Barbara	Madulce Peak	402	9	Big Pine Road	4-M			no paleo info	Scouler &		
12379	Santa Barbara	Madulce Peak	403	1	Big Pine Road	4-L			no paleo info	Scouler &		
12380	Santa Barbara	Madulce Peak	403	2	Big Pine Road	4-L			no paleo info	Scouler &		
12381	Santa Barbara	Madulce Peak	403	3	Big Pine Road	4-L			no paleo info	Scouler &		
12382	Santa Barbara	Madulce Peak	403	4	Big Pine Road	4-L			no paleo info	Scouler &		
12383	Santa Barbara	Madulce Peak	403	5	Big Pine Road	4-L			no paleo info	Scouler &		
12384	Santa Barbara	Madulce Peak	403	7	Big Pine Road	4-L			no paleo info	Scouler &		
12385	Santa Barbara	Madulce Peak	403	8	Big Pine Road	4-L			no paleo info	Scouler &		
12386	Santa Barbara	Madulce Peak	403	9	Big Pine Road	4-L			no paleo info	Scouler &		
12387	Santa Barbara	Madulce Peak	403	10	Big Pine Road	4-L			no paleo info	Scouler &		
12388	Santa Barbara	Madulce Peak	403	11	Big Pine Road	4-M			no paleo info	Scouler &		
12389	Los Angeles	Van Nuys	404	7	SW part of quad	59-B	Ages are from a		Lower Mohnian			
12390	Los Angeles	Van Nuys	404	9	SW part of quad	59-B	strat column		Lower Mohnian			
12391	Los Angeles	Van Nuys	404	11	SW part of quad	59-B	and foram check		Lower Mohnian			
12392	Los Angeles	Van Nuys	404	13	SW part of quad	59-B	list. All slides are		Lower Mohnian			
12393	Los Angeles	Van Nuys	404	15	SW part of quad	59-B	from the Modelo		Lower Mohnian			
12394	Los Angeles	Van Nuys	404	17	SW part of quad	59-B	Formation of Upper		Lower Mohnian			
12395	Los Angeles	Van Nuys	404	19	SW part of quad	59-B	Miocene age		Lower Mohnian			
12396	Los Angeles	Van Nuys	404	20	SW part of quad	59-B			Lower Mohnian			
12397	Los Angeles	Van Nuys	404	21	SW part of quad	59-B			Lower Mohnian			
12398	Los Angeles	Van Nuys	404	22	SW part of quad	59-B			Lower Mohnian			
12399	Los Angeles	Van Nuys	404	23	SW part of quad	59-B			Lower Mohnian			
12400	Los Angeles	Van Nuys	404	24	SW part of quad	59-B			Lower Mohnian			
12401	Los Angeles	Van Nuys	404	25	SW part of quad	59-B			Lower Mohnian			
12402	Los Angeles	Van Nuys	404	26	SW part of quad	59-B			Lower Mohnian			
12403	Los Angeles	Van Nuys	404	26A	SW part of quad	59-B			Lower Mohnian			
12404	Los Angeles	Van Nuys	404	27	SW part of quad	59-B			Lower Mohnian			
12405	Los Angeles	Van Nuys	404	28	SW part of quad	59-B			Lower Mohnian			
12406	Los Angeles	Van Nuys	404	28A	SW part of quad	59-B			Lower Mohnian			
12407	Los Angeles	Van Nuys	404	29	SW part of quad	59-B			Lower Mohnian			
12408	Los Angeles	Van Nuys	404	30	SW part of quad	59-B			Lower Mohnian			
12409	Los Angeles	Van Nuys	404	31	SW part of quad	59-B			Lower Mohnian			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
12665	Los Angeles	Van Nuys	404	236C	SW part of quad	59-G			Upper Mohnian			
12666	Los Angeles	Van Nuys	404	236D	SW part of quad	59-G			Upper Mohnian			
12667	Los Angeles	Van Nuys	404	237	SW part of quad	59-G			Upper Mohnian			
12668	Los Angeles	Van Nuys	404	238	SW part of quad	59-G			Upper Mohnian			
12669	Los Angeles	Van Nuys	404	239	SW part of quad	59-G			Upper Mohnian			
12670	Los Angeles	Van Nuys	404	240	SW part of quad	59-G			Upper Mohnian			
12671	Los Angeles	Van Nuys	404	240A	SW part of quad	59-G			Upper Mohnian			
12672	Los Angeles	Van Nuys	404	241	SW part of quad	59-G			Upper Mohnian			
12673	Los Angeles	Van Nuys	404	242	SW part of quad	59-G			Upper Mohnian			
12674	Los Angeles	Van Nuys	404	243	SW part of quad	59-G			Upper Mohnian			
12675	Los Angeles	Van Nuys	404	244	SW part of quad	59-G			Upper Mohnian			
12676	Los Angeles	Van Nuys	404	245	SW part of quad	59-G			Upper Mohnian			
12677	Los Angeles	Van Nuys	404	246	SW part of quad	59-G			Upper Mohnian			
12678	Los Angeles	Van Nuys	404	247	SW part of quad	59-G			Upper Mohnian			
12679	Los Angeles	Van Nuys	404	247A	SW part of quad	59-G			Upper Mohnian			
12680	Los Angeles	Van Nuys	404	247B	SW part of quad	59-G			Upper Mohnian			
12681	Los Angeles	Van Nuys	404	248	SW part of quad	59-G			Upper Mohnian			
12682	Los Angeles	Van Nuys	404	249	SW part of quad	59-G			Upper Mohnian			
12683	Los Angeles	Van Nuys	404	249A	SW part of quad	59-G			Upper Mohnian			
12684	Los Angeles	Van Nuys	404	249B	SW part of quad	59-G			Upper Mohnian			
12685	Los Angeles	Van Nuys	404	250	SW part of quad	59-G			Upper Mohnian			
12686	Los Angeles	Van Nuys	404	251	SW part of quad	59-G			Upper Mohnian			
12687	Los Angeles	Van Nuys	404	252	SW part of quad	59-G			Upper Mohnian			
12688	Los Angeles	Van Nuys	404	253	SW part of quad	59-G			Upper Mohnian			
12689	Los Angeles	Van Nuys	404	254	SW part of quad	59-G			Upper Mohnian			
12690	Los Angeles	Van Nuys	404	255	SW part of quad	59-G			Upper Mohnian			
12691	Los Angeles	Van Nuys	404	255A	SW part of quad	59-G			Upper Mohnian			
12692	Los Angeles	Van Nuys	404	255B	SW part of quad	59-G			Upper Mohnian			
12693	Los Angeles	Van Nuys	404	256	SW part of quad	59-G			Upper Mohnian			
12694	Los Angeles	Van Nuys	404	257	SW part of quad	59-G			Upper Mohnian			
12695	Los Angeles	Van Nuys	404	258	SW part of quad	59-G			Upper Mohnian			
12696	Los Angeles	Van Nuys	404	259	SW part of quad	59-G			Upper Mohnian			
12697	Los Angeles	Van Nuys	404	260	SW part of quad	59-G			Upper Mohnian			
12698	Los Angeles	Van Nuys	404	261	SW part of quad	59-G			Upper Mohnian			
12699	Los Angeles	Van Nuys	404	262	SW part of quad	59-G			Upper Mohnian			
12700	Los Angeles	Van Nuys	404	263	SW part of quad	59-G			Upper Mohnian			
12701	Los Angeles	Van Nuys	404	264	SW part of quad	59-G			Upper Mohnian			
12702	Los Angeles	Van Nuys	404	264A	SW part of quad	59-G			Upper Mohnian			
12703	Los Angeles	Van Nuys	404	265	SW part of quad	59-H			Upper Mohnian			
12704	Los Angeles	Van Nuys	404	265A	SW part of quad	59-H			Upper Mohnian			
12705	Los Angeles	Van Nuys	404	265B	SW part of quad	59-H			Upper Mohnian			
12706	Los Angeles	Van Nuys	404	265C	SW part of quad	59-H			Upper Mohnian			
12707	Los Angeles	Van Nuys	404	265D	SW part of quad	59-H			Upper Mohnian			
12708	Los Angeles	Van Nuys	404	266	SW part of quad	59-H			Upper Mohnian			
12709	Los Angeles	Van Nuys	404	267	SW part of quad	59-H			Upper Mohnian			
12710	Los Angeles	Van Nuys	404	267A	SW part of quad	59-H			Upper Mohnian			
12711	Los Angeles	Van Nuys	404	267B	SW part of quad	59-H			Upper Mohnian			
12712	Los Angeles	Van Nuys	404	268	SW part of quad	59-H			Upper Mohnian			
12713	Los Angeles	Van Nuys	404	269	SW part of quad	59-H			Upper Mohnian			
12714	Los Angeles	Van Nuys	404	270	SW part of quad	59-H			Upper Mohnian			
12715	Los Angeles	Van Nuys	404	270A	SW part of quad	59-H			Upper Mohnian			
12716	Los Angeles	Van Nuys	404	271	SW part of quad	59-H			Upper Mohnian			
12717	Los Angeles	Van Nuys	404	272	SW part of quad	59-H			Upper Mohnian			
12718	Santa Barbara	Big Pine Mountain	406	1	Judell Canyon	88-G			no paleo data	Bainton &		
12719	Santa Barbara	Big Pine Mountain	406	2	Judell Canyon	88-G			no paleo data	Bainton &		
12720	Santa Barbara	Big Pine Mountain	406	3	Judell Canyon	88-G			no paleo data	Bainton &		
12721	Santa Barbara	Big Pine Mountain	406	4	Judell Canyon	88-G			no paleo data	Bainton &		
12722	Santa Barbara	Big Pine Mountain	406	5	Judell Canyon	88-G			no paleo data	Bainton &		
12723	Santa Barbara	Big Pine Mountain	406	6	Judell Canyon	88-G			no paleo data	Bainton &		
12724	Santa Barbara	Big Pine Mountain	406	7	Judell Canyon	88-G			no paleo data	Bainton &		
12725	Santa Barbara	Big Pine Mountain	406	8	Judell Canyon	88-G			no paleo data	Bainton &		
12726	Santa Barbara	Big Pine Mountain	406	9	Judell Canyon	88-G			no paleo data	Bainton &		
12727	Santa Barbara	Big Pine Mountain	406	10	Judell Canyon	88-G			no paleo data	Bainton &		
12728	Santa Barbara	Big Pine Mountain	406	11	Judell Canyon	88-G			no paleo data	Bainton &		
12729	Santa Barbara	Big Pine Mountain	406	12	Judell Canyon	88-G			no paleo data	Bainton &		
12730	Santa Barbara	Big Pine Mountain	406	13	Judell Canyon	88-G			no paleo data	Bainton &		
12731	San Luis Obispo	Taylor Canyon	407	3	EC part of quad	88-F	Caliente Mtn 15'		no paleo data	Bainton &		
12732	San Luis Obispo	Taylor Canyon	407	10	EC part of quad	88-F	Caliente Mtn 15'		no paleo data	Bainton &		
12733	Santa Barbara	Lake Cachuma	408	32	Teccolete Tunnel	83-A			no paleo data			
12734	Santa Barbara	Lake Cachuma	408	33	Teccolete Tunnel	83-A			no paleo data			
12735	Santa Barbara	Lake Cachuma	408	34	Teccolete Tunnel	83-A			no paleo data			
12736	Santa Barbara	Lake Cachuma	408	34A	Teccolete Tunnel	83-A			no paleo data			
12737	Santa Barbara	Lake Cachuma	408	35	Teccolete Tunnel	83-A			no paleo data			
12738	Santa Barbara	Lake Cachuma	408	36	Teccolete Tunnel	83-A			no paleo data			
12739	Santa Barbara	Lake Cachuma	408	37	Teccolete Tunnel	83-A			no paleo data			
12740	Santa Barbara	Lake Cachuma	408	38	Teccolete Tunnel	83-A			no paleo data			
12741	Santa Barbara	Lake Cachuma	408	40	Teccolete Tunnel	83-A			no paleo data			
12742	Santa Barbara	Lake Cachuma	408	41	Teccolete Tunnel	83-A			no paleo data			
12743	Santa Barbara	Lake Cachuma	408	46	Teccolete Tunnel	83-A			no paleo data			
12744	Santa Barbara	Lake Cachuma	408	49	Teccolete Tunnel	83-A			no paleo data			
12745	Santa Barbara	Lake Cachuma	408	54	Teccolete Tunnel	83-A			no paleo data			
12746	Santa Barbara	Lake Cachuma	408	61	Teccolete Tunnel	83-A			no paleo data			
12747	Santa Barbara	Lake Cachuma	408	66	Teccolete Tunnel	83-A			no paleo data			
12748	Santa Barbara	Lake Cachuma	408	72	Teccolete Tunnel	83-A			no paleo data			
12749	Santa Barbara	Lake Cachuma	408	73	Teccolete Tunnel	83-A			no paleo data			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
12920	Santa Barbara	Lake Cachuma	410	326	Tecolete Tunnel	83-C			Eocene			
12921	Santa Barbara	Lake Cachuma	410	328	Tecolete Tunnel	83-C			Eocene			
12922	Santa Barbara	Lake Cachuma	410	332	Tecolete Tunnel	83-C			Eocene			
12923	Santa Barbara	Lake Cachuma	410	333	Tecolete Tunnel	83-C			Eocene			
12924	Santa Barbara	Lake Cachuma	410	353	Tecolete Tunnel	83-C			Eocene			
12925	Santa Barbara	Lake Cachuma	410	354	Tecolete Tunnel	83-C			Eocene			
12926	Santa Barbara	Lake Cachuma	410	358	Tecolete Tunnel	83-C			Eocene			
12927	Santa Barbara	Lake Cachuma	410	371	Tecolete Tunnel	83-C			Eocene			
12928	Santa Barbara	Lake Cachuma	410	372	Tecolete Tunnel	83-C			Eocene			
12929	Santa Barbara	Lake Cachuma	410	374	Tecolete Tunnel	83-C			Eocene			
12930	Santa Barbara	Lake Cachuma	410	375	Tecolete Tunnel	83-C			Eocene			
12931	Santa Barbara	Lake Cachuma	410	384	Tecolete Tunnel	83-C			Eocene			
12932	Santa Barbara	Lake Cachuma	410	390	Tecolete Tunnel	83-C			Eocene			
12933	Santa Barbara	Lake Cachuma	410	393	Tecolete Tunnel	83-C			Eocene			
12934	Santa Barbara	Lake Cachuma	410	395	Tecolete Tunnel	83-C			Eocene			
12935	Santa Barbara	Lake Cachuma	410	398	Tecolete Tunnel	83-C			Eocene			
12936	Santa Barbara	Lake Cachuma	410	417	Tecolete Tunnel	83-C			Eocene			
12937	Santa Barbara	Lake Cachuma	410	427	Tecolete Tunnel	83-C			Eocene			
12938	Santa Barbara	Lake Cachuma	410	428	Tecolete Tunnel	83-C			Eocene			
12939	Santa Barbara	Lake Cachuma	410	431	Tecolete Tunnel	83-C			Eocene			
12940	Santa Barbara	Lake Cachuma	410	433	Tecolete Tunnel	83-C			Eocene			
12941	Santa Barbara	Lake Cachuma	410	444	Tecolete Tunnel	83-C			Eocene			
12942	Santa Barbara	Lake Cachuma	410	445	Tecolete Tunnel	83-D			Eocene			
12943	Santa Barbara	Lake Cachuma	410	450	Tecolete Tunnel	83-D			Eocene			
12944	Santa Barbara	Lake Cachuma	410	462	Tecolete Tunnel	83-D			Eocene			
12945	Santa Barbara	Lake Cachuma	410	479	Tecolete Tunnel	83-D			Eocene			
12946	Santa Barbara	Lake Cachuma	410	483	Tecolete Tunnel	83-D			Eocene			
12947	Santa Barbara	Lake Cachuma	410	515	Tecolete Tunnel	83-D			Eocene			
12948	Santa Barbara	Lake Cachuma	410	516	Tecolete Tunnel	83-D			Eocene			
12949	Santa Barbara	Lake Cachuma	410	517	Tecolete Tunnel	83-D			Eocene			
12950	Santa Barbara	Lake Cachuma	410	545	Tecolete Tunnel	83-D			Eocene			
12951	Santa Barbara	Lake Cachuma	410	556	Tecolete Tunnel	83-D			Eocene			
12952	Santa Barbara	Lake Cachuma	410	557	Tecolete Tunnel	83-D			Eocene			
12953	Los Angeles	Van Nuys	410	1	SW corner of quad	59-A			no paleo info			
12954	Los Angeles	Van Nuys	410	2	SW corner of quad	59-A			no paleo info			
12955	Los Angeles	Van Nuys	410	3	SW corner of quad	59-A			no paleo info			
12956	Los Angeles	Van Nuys	410	5	SW corner of quad	59-A			no paleo info			
12957	Los Angeles	Van Nuys	410	6	SW corner of quad	59-A			no paleo info			
12958	Los Angeles	Beverly Hills	411	1	Stone Cyn Resv	59-I			probably Miocene			
12959	Los Angeles	Beverly Hills	411	1A	Stone Cyn Resv	59-I			probably Miocene			
12960	Los Angeles	Beverly Hills	411	23	Stone Cyn Resv	59-I			probably Miocene			
12961	Los Angeles	Beverly Hills	411	4	Stone Cyn Resv	59-I			probably Miocene			
12962	Los Angeles	Beverly Hills	411	5	Stone Cyn Resv	59-I			probably Miocene			
12963	Los Angeles	Beverly Hills	411	6	Stone Cyn Resv	59-I			probably Miocene			
12964	Los Angeles	Beverly Hills	411	7	Stone Cyn Resv	59-I			probably Miocene			
12965	Los Angeles	Beverly Hills	411	8	Stone Cyn Resv	59-I			probably Miocene			
12966	Los Angeles	Beverly Hills	411	9	Stone Cyn Resv	59-I			probably Miocene			
12967	Los Angeles	Beverly Hills	411	10	Stone Cyn Resv	59-I			probably Miocene			
12968	San Luis Obispo	Caliente Mountain	411	A	Morales Canyon	94-I	Caliente Mtn 15'	age from map	not diagnostic	Paap & S		
12969	San Luis Obispo	Caliente Mountain	411	B	Morales Canyon	94-I	Caliente Mtn 15'	age from map	Middle Miocene	Paap & S		
12970	San Luis Obispo	Caliente Mountain	411	C	Morales Canyon	94-I	Caliente Mtn 15'	age from map	Middle Miocene	Paap & S		
12971	San Luis Obispo	Caliente Mountain	411	E	Morales Canyon	94-I	Caliente Mtn 15'	age from map	Luisian/Mohnian	Paap & S		
12972	San Luis Obispo	Caliente Mountain	411	F	Morales Canyon	94-I	Caliente Mtn 15'	age from map	Middle Miocene	Paap & S		
12973	Los Angeles	Beverly Hills	412	1	Stone Cyn Resv	59-I			probably Miocene			
12974	Los Angeles	Beverly Hills	412	2	Stone Cyn Resv	59-I			probably Miocene			
12975	Los Angeles	Beverly Hills	412	2B	Stone Cyn Resv	59-I			probably Miocene			
12976	Los Angeles	Beverly Hills	412	2A	Stone Cyn Resv	59-I			probably Miocene			
12977	Los Angeles	Beverly Hills	412	3	Stone Cyn Resv	59-I			probably Miocene			
12978	Los Angeles	Beverly Hills	412	4	Stone Cyn Resv	59-I			probably Miocene			
12979	Los Angeles	Beverly Hills	412	5	Stone Cyn Resv	59-I			probably Miocene			
12980	Los Angeles	Beverly Hills	412	6	Stone Cyn Resv	59-I			probably Miocene			
12981	Los Angeles	Beverly Hills	412	7	Stone Cyn Resv	59-I			probably Miocene			
12982	Los Angeles	Beverly Hills	412	9	Stone Cyn Resv	59-I			probably Miocene			
12983	Los Angeles	Beverly Hills	413	1	Stone Cyn Resv	59-I		basal Modelo	Miocene			
12984	Los Angeles	Beverly Hills	413	2	Stone Cyn Resv	59-I			Miocene			
12985	Los Angeles	Beverly Hills	413	3	Stone Cyn Resv	59-I			Miocene			
12986	Los Angeles	Beverly Hills	413	4	Stone Cyn Resv	59-I			Miocene			
12987	Los Angeles	Beverly Hills	413	5	Stone Cyn Resv	59-I			Miocene			
12988	Los Angeles	Beverly Hills	413	6	Stone Cyn Resv	59-I			Miocene			
12989	Los Angeles	Van Nuys	414	1	Mulholland Drive	59-N	see also loc 337		Middle Mohnian			
12990	Los Angeles	Van Nuys	414	2	Mulholland Drive	59-N	strat column		Middle Mohnian			
12991	Los Angeles	Van Nuys	414	3	Mulholland Drive	59-N	and check list		Middle Mohnian			
12992	Los Angeles	Van Nuys	414	4	Mulholland Drive	59-N	strat column		Middle Mohnian			
12993	Los Angeles	Van Nuys	414	5	Mulholland Drive	59-N	strat column		Middle Mohnian			
12994	Los Angeles	Van Nuys	414	7	Mulholland Drive	59-N	strat column		Middle Mohnian			
12995	Los Angeles	Van Nuys	414	8	Mulholland Drive	59-N	strat column		Middle Mohnian			
12996	Los Angeles	Van Nuys	414	9	Mulholland Drive	59-N	strat column		Middle Mohnian			
12997	Los Angeles	Van Nuys	414	10	Mulholland Drive	59-N	strat column		Lower Mohnian			
12998	Los Angeles	Van Nuys	414	11	Mulholland Drive	59-N	strat column		Lower Mohnian			
12999	Los Angeles	Van Nuys	414	12	Mulholland Drive	59-N	strat column		Lower Mohnian			
13000	Los Angeles	Van Nuys	414	13	Mulholland Drive	59-N	strat column		Lower Mohnian			
13001	Los Angeles	Van Nuys	414	14	Mulholland Drive	59-N	strat column		Lower Mohnian			
13002	Los Angeles	Van Nuys	414	15	Mulholland Drive	59-N	strat column		Lower Mohnian			
13003	Los Angeles	Van Nuys	414	16	Mulholland Drive	59-N	strat column		Lower Mohnian			
13004	Los Angeles	Van Nuys	414	17	Mulholland Drive	59-N	strat column		Lower Mohnian			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ZONE/SERIES/AGI	COLLECTORS		
13005	Los Angeles	Van Nuys	414	18	Mulholland Drive	59-N	strat column		Lower Mohnian			
13006	Los Angeles	Van Nuys	414	19	Mulholland Drive	59-N	strat column		Lower Mohnian			
13007	Los Angeles	Van Nuys	414	20	Mulholland Drive	59-N	strat column		Lower Mohnian			
13008	Los Angeles	Van Nuys	414	21	Mulholland Drive	59-N	strat column		Lower Mohnian			
13009	Los Angeles	Van Nuys	414	22	Mulholland Drive	59-N	strat column		Lower Mohnian			
13010	Los Angeles	Van Nuys	414	23	Mulholland Drive	59-N	strat column		Lower Mohnian			
13011	Los Angeles	Van Nuys	414	24	Mulholland Drive	59-N	strat column		Lower Mohnian			
13012	Los Angeles	Van Nuys	414	25	Mulholland Drive	59-N	strat column		Lower Mohnian			
13013	Los Angeles	Van Nuys	414	26	Mulholland Drive	59-N	strat column		Lower Mohnian			
13014	Los Angeles	Van Nuys	414	27	Mulholland Drive	59-N	strat column		Lower Mohnian			
13015	Los Angeles	Van Nuys	414	28	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
13016	Los Angeles	Van Nuys	414	29	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
13017	Los Angeles	Van Nuys	414	30	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
13018	Los Angeles	Van Nuys	414	31	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
13019	Los Angeles	Van Nuys	414	32	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
13020	Los Angeles	Van Nuys	414	33	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
13021	Los Angeles	Van Nuys	414	34	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
13022	Los Angeles	Van Nuys	414	35	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
13023	Los Angeles	Van Nuys	414	36	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
13024	Los Angeles	Van Nuys	414	37	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
13025	Los Angeles	Van Nuys	414	38	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
13026	San Mateo	Half Moon Bay	414	P1	Purisima Creek	92-C	strat column	near loc 4593	Lower Miocene			
13027	San Mateo	Half Moon Bay	414	P3	Purisima Creek	92-C	strat column		Lower Miocene			
13028	San Mateo	Woodside	414	P4	Purisima Creek	92-C	strat column		Lower Miocene			
13029	San Mateo	Woodside	414	P5	Purisima Creek	92-C	strat column		Lower Miocene			
13030	San Mateo	Woodside	414	P7	Purisima Creek	92-C	strat column		Lower Miocene			
13031	San Mateo	Woodside	414	P9	Purisima Creek	92-C	strat column		not diagnostic			
13032	San Mateo	Woodside	414	P10	Purisima Creek	92-C	strat column		not diagnostic			
13033	San Mateo	Woodside	414	P11	Purisima Creek	92-C	strat column		not diagnostic			
13034	San Mateo	Woodside	414	P12	Purisima Creek	92-C	strat column		not diagnostic			
13035	San Mateo	Woodside	414	P14	Purisima Creek	92-C	strat column		not diagnostic			
13036	San Mateo	Woodside	414	P15	Purisima Creek	92-C	strat column		not diagnostic			
13037	San Mateo	Woodside	414	P9RW	Purisima Creek	92-C	strat column		not diagnostic			
13038	San Mateo	Woodside	414	P11RW	Purisima Creek	92-C	strat column		not diagnostic			
13039	San Mateo	Woodside	414	P15RW	Purisima Creek	92-C	strat column		Saucesian			
13040	San Mateo	Woodside	414	P16	Purisima Creek	92-C	strat column		not diagnostic			
13041	San Mateo	Woodside	414	P16RS	Purisima Creek	92-C	strat column		not diagnostic			
13042	San Mateo	Woodside	414	P16RS	Purisima Creek	92-C	strat column		not diagnostic			
13043	San Mateo	Woodside	415	1	Tunitas Creek	66-L	strat column		Zemorrian?			
13044	San Mateo	Woodside	415	2	Tunitas Creek	66-L	strat column		not diagnostic			
13045	San Mateo	Woodside	415	3	Tunitas Creek	66-L	strat column		barren			
13046	San Mateo	Woodside	415	4	Tunitas Creek	66-L	strat column		barren			
13047	San Mateo	Woodside	415	8	Tunitas Creek	66-L	strat column		not diagnostic			
13048	San Mateo	Woodside	415	10	Tunitas Creek	66-L	strat column		Eocene?			
13049	San Mateo	Woodside	415	11	Tunitas Creek	66-L	strat column		Eocene?			
13050	San Mateo	Woodside	415	12	Tunitas Creek	66-L	strat column		not diagnostic			
13051	San Mateo	Woodside	415	13	Tunitas Creek	66-L	strat column		barren			
13052	San Mateo	Woodside	415	14	Tunitas Creek	66-L	strat column		not diagnostic			
13053	San Mateo	Woodside	415	15	Tunitas Creek	66-L	strat column		not diagnostic			
13054	San Mateo	Woodside	415	16	Tunitas Creek	66-L	strat column		not diagnostic			
13055	San Mateo	Woodside	415	17	Tunitas Creek	66-L	strat column		barren			
13056	San Mateo	Woodside	415	18	Tunitas Creek	66-L	strat column		barren			
13057	San Mateo	Woodside	415	19	Tunitas Creek	66-L	strat column		barren			
13058	San Mateo	Woodside	415	20	Tunitas Creek	66-L	strat column		barren			
13059	San Mateo	Woodside	415	21	Tunitas Creek	66-L	strat column		Eocene?			
13060	San Mateo	Woodside	415	22	Tunitas Creek	66-L	strat column		Eocene?			
13061	San Mateo	Woodside	415	23	Tunitas Creek	66-L	strat column		not diagnostic			
13062	San Mateo	Woodside	415	24	Tunitas Creek	66-L	strat column		not diagnostic			
13063	San Mateo	Woodside	415	26	Tunitas Creek	66-L	strat column		barren			
13064	San Mateo	Woodside	415	27	Tunitas Creek	66-L	strat column		not diagnostic			
13065	San Mateo	Woodside	415	28	Tunitas Creek	66-L	strat column		barren			
13066	San Mateo	Woodside	415	29	Tunitas Creek	66-L	strat column		not diagnostic			
13067	San Mateo	Woodside	415	30	Tunitas Creek	66-L	strat column		barren			
13068	San Mateo	Woodside	415	31	Tunitas Creek	66-L	strat column		not diagnostic			
13069	San Mateo	Woodside	415	32	Tunitas Creek	66-L	strat column		not diagnostic			
13070	San Mateo	Woodside	415	33	Tunitas Creek	66-L	strat column		not diagnostic			
13071	San Mateo	Woodside	415	34	Tunitas Creek	66-L	strat column		not diagnostic			
13072	San Mateo	Woodside	415	35	Tunitas Creek	66-L	strat column		Refugian			
13073	San Mateo	Woodside	415	36	Tunitas Creek	66-L	strat column		not diagnostic			
13074	San Mateo	Woodside	415	37	Tunitas Creek	66-L	strat column		not diagnostic			
13075	San Mateo	Woodside	415	38	Tunitas Creek	66-L	strat column		Eocene?			
13076	San Mateo	Woodside	415	39	Tunitas Creek	66-L	strat column		not diagnostic			
13077	San Mateo	Woodside	415	40	Tunitas Creek	66-L	strat column		not diagnostic			
13078	San Mateo	Woodside	415	41	Tunitas Creek	66-L	strat column		barren			
13079	San Mateo	Woodside	415	42	Tunitas Creek	66-L	strat column		Eocene?			
13080	San Mateo	Woodside	415	43	Tunitas Creek	66-L	strat column		barren			
13081	San Mateo	Woodside	415	44	Tunitas Creek	66-L	strat column		not diagnostic			
13082	San Mateo	Woodside	415	45	Tunitas Creek	66-M	strat column		not diagnostic			
13083	San Mateo	Woodside	415	46	Tunitas Creek	66-M	strat column		not diagnostic			
13084	San Mateo	Woodside	415	47	Tunitas Creek	66-M	strat column		barren			
13085	San Mateo	Woodside	415	48	Tunitas Creek	66-M	strat column		not diagnostic			
13086	San Mateo	Woodside	415	49	Tunitas Creek	66-M	strat column		not diagnostic			
13087	Los Angeles	Van Nuys	415	7	Laurel Cyn Blvd	62-F			Luisian			
13088	Los Angeles	Van Nuys	415	8	Laurel Cyn Blvd	62-F			no paleo info			
13089	Los Angeles	Van Nuys	415	10	Laurel Cyn Blvd	62-F			no paleo info			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
13090	Los Angeles	Van Nuys	415	11	Laurel Cyn Blvd	62-F			no paleo info			
13091	Los Angeles	Van Nuys	415	12	Laurel Cyn Blvd	62-F			no paleo info			
13092	Los Angeles	Van Nuys	415	13	Laurel Cyn Blvd	62-F			no paleo info			
13093	Los Angeles	Van Nuys	415	14	Laurel Cyn Blvd	62-F			Mohnian			
13094	Los Angeles	Van Nuys	415	15	Laurel Cyn Blvd	62-F			Mohnian			
13095	Los Angeles	Van Nuys	415	16	Laurel Cyn Blvd	62-F			Mohnian			
13096	Los Angeles	Van Nuys	415	17	Laurel Cyn Blvd	62-F			Mohnian			
13097	Los Angeles	Van Nuys	415	18	Laurel Cyn Blvd	62-F			Mohnian			
13098	Los Angeles	Van Nuys	415	19	Laurel Cyn Blvd	62-F			Mohnian			
13099	Los Angeles	Van Nuys	415	20	Laurel Cyn Blvd	62-F			Mohnian			
13100	Los Angeles	Van Nuys	415	21	Laurel Cyn Blvd	62-F			no paleo info			
13101	Los Angeles	Van Nuys	415	22	Laurel Cyn Blvd	62-F			no paleo info			
13102	Los Angeles	Van Nuys	415	23	Laurel Cyn Blvd	62-F			no paleo info			
13103	Los Angeles	Van Nuys	415	24	Laurel Cyn Blvd	62-F			no paleo info			
13104	Los Angeles	Van Nuys	415	25	Laurel Cyn Blvd	62-F			no paleo info			
13105	Los Angeles	Van Nuys	415	26	Laurel Cyn Blvd	62-F			Luisian			
13106	Los Angeles	Van Nuys	415	27	Laurel Cyn Blvd	62-F			Luisian			
13107	Los Angeles	Van Nuys	415	28	Laurel Cyn Blvd	62-F			Luisian			
13108	Los Angeles	Van Nuys	415	29	Laurel Cyn Blvd	62-F			Luisian			
13109	Los Angeles	Van Nuys	415	30	Laurel Cyn Blvd	62-F			Luisian			
13110	Los Angeles	Van Nuys	415	31	Laurel Cyn Blvd	62-F			Luisian			
13111	Los Angeles	Van Nuys	415	35	Laurel Cyn Blvd	65-I			Luisian			
13112	Los Angeles	Van Nuys	415	36	Laurel Cyn Blvd	65-I			Mohnian			
13113	Los Angeles	Van Nuys	415	37	Laurel Cyn Blvd	65-I			Mohnian			
13114	Los Angeles	Van Nuys	415	50A	Laurel Cyn Blvd	65-I			Mohnian			
13115	Los Angeles	Van Nuys	415	51A	Laurel Cyn Blvd	65-I			Mohnian			
13116	Los Angeles	Van Nuys	415	52	Laurel Cyn Blvd	65-I			no paleo info			
13117	Los Angeles	Van Nuys	415	53	Laurel Cyn Blvd	65-I			no paleo info			
13118	Los Angeles	Van Nuys	415	54	Laurel Cyn Blvd	65-I			no paleo info			
13119	Los Angeles	Van Nuys	415	55	Laurel Cyn Blvd	65-I			no paleo info			
13120	Los Angeles	Van Nuys	415	56	Laurel Cyn Blvd	65-I			no paleo info			
13121	Los Angeles	Van Nuys	415	61	Laurel Cyn Blvd	65-I			no paleo info			
13122	Los Angeles	Van Nuys	415	62	Laurel Cyn Blvd	65-I			no paleo info			
13123	Los Angeles	Van Nuys	415	63	Laurel Cyn Blvd	65-I			no paleo info			
13124	Los Angeles	Van Nuys	415	64	Laurel Cyn Blvd	65-I			no paleo info			
13125	Los Angeles	Van Nuys	416	3	SE corner of quad	60 I	also has #479-3A		no paleo info			
13126	Los Angeles	Van Nuys	416	6	SE corner of quad	65-C			Relizian			
13127	Contra Costa	Antioch South	417	1	Deer Valley Rd	129-B	auger		Paleocene?			
13128	Contra Costa	Antioch South	417	2	Deer Valley	129-B	auger		Paleocene?			
13129	Contra Costa	Antioch South	417	3	Deer Valley	129-B	auger		Paleocene?			
13130	Contra Costa	Antioch South	417	4	Deer Valley	129-B	auger		Paleocene?			
13131	Contra Costa	Antioch South	417	5	Deer Valley	129-B	auger		Paleocene?			
13132	Contra Costa	Antioch South	417	6	Deer Valley	129-B	auger		Paleocene?			
13133	Contra Costa	Antioch South	417	7	Deer Valley	129-B	auger	glauconite A	Paleocene?			
13134	Contra Costa	Antioch South	417	11	Deer Valley	129-B	auger		not diagnostic			
13135	Contra Costa	Antioch South	417	12	Deer Valley	129-B	auger		U Cret C/D-1			
13136	Contra Costa	Antioch South	417	13	Deer Valley	129-B	auger		barren			
13137	Contra Costa	Antioch South	417	14	Deer Valley	129-B	auger		barren			
13138	Contra Costa	Antioch South	417	15	Deer Valley	129-B	auger		not diagnostic			
13139	Contra Costa	Antioch South	417	16	Deer Valley	129-B	auger		not diagnostic			
13140	Contra Costa	Antioch South	417	17	Deer Valley	129-B	auger		not diagnostic			
13141	Imperial	Kane Spring NW	418	3	SW part of quad	85-M			no paleo info			
13142	Imperial	Kane Spring NW	418	4	SW part of quad	85-M			no paleo info			
13143	Imperial	Kane Spring NW	418	5	SW part of quad	85-M			no paleo info			
13144	Imperial	Kane Spring NW	418	7	SW part of quad	85-M			no paleo info			
13145	Imperial	Kane Spring NW	418	8	SW part of quad	85-M			no paleo info			
13146	Imperial	Kane Spring NW	418	10	SW part of quad	85-M			no paleo info			
13147	Imperial	Kane Spring NW	418	11	SW part of quad	85-M			no paleo info			
13148	Imperial	Kane Spring NW	418	12	SW part of quad	85-M			no paleo info			
13149	Imperial	Kane Spring NW	418	13	SW part of quad	85-M			no paleo info			
13150	Imperial	Kane Spring NW	418	14	SW part of quad	85-M			no paleo info			
13151	Imperial	Kane Spring NW	418	15	SW part of quad	85-M			no paleo info			
13152	Imperial	Kane Spring NW	418	16	SW part of quad	85-M			no paleo info			
13153	Imperial	Kane Spring NW	418	17	SW part of quad	85-M			no paleo info			
13154	Imperial	Kane Spring NW	418	18	SW part of quad	85-M			no paleo info			
13155	Imperial	Kane Spring NW	418	19	SW part of quad	85-M			no paleo info			
13156	Imperial	Kane Spring NW	418	20	center of quad	85-M			no paleo info			
13157	Imperial	Kane Spring NW	418	21	center of quad	85-M			no paleo info			
13158	Imperial	Kane Spring NW	418	24	center of quad	85-M			no paleo info			
13159	Imperial	Kane Spring NW	418	25	center of quad	85-M			no paleo info			
13160	Imperial	Kane Spring NW	418	26	center of quad	85-M			no paleo info			
13161	Imperial	Kane Spring NW	418	27	EC part of quad	85-M			no paleo info			
13162	Imperial	Kane Spring NW	418	28	EC part of quad	85-M			no paleo info			
13163	Imperial	Kane Spring NW	418	29	EC part of quad	85-M			no paleo info			
13164	Imperial	Kane Spring NW	418	32	EC part of quad	85-M			no paleo info			
13165	Imperial	Kane Spring NW	418	34	EC part of quad	85-M			no paleo info			
13166	Imperial	Kane Spring NW	418	35	EC part of quad	85-M			no paleo info			
13167	Imperial	Kane Spring NW	418	36	NC part of quad	85-M			no paleo info			
13168	Imperial	Kane Spring NW	418	38	NC part of quad	85-M			no paleo info			
13169	Imperial	Kane Spring NW	418	39	NC part of quad	85-M			no paleo info			
13170	Imperial	Kane Spring NW	418	40	NC part of quad	85-M			no paleo info			
13171	Imperial	Kane Spring NW	418	41	NC part of quad	85-M			no paleo info			
13172	Imperial	Kane Spring NW	418	42	NC part of quad	85-M			no paleo info			
13173	Imperial	Kane Spring NW	418	43	NC part of quad	85-M			no paleo info			
13174	Imperial	Kane Spring NW	418	46	NC part of quad	85-M			no paleo info			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
13430	Los Angeles	Van Nuys	421	170	Coldwater Cyn Dr	60-D			Upper Mohnian	Gealey &		
13431	Los Angeles	Van Nuys	421	171	Coldwater Cyn Dr	60-D			Upper Mohnian	Gealey &		
13432	Los Angeles	Van Nuys	421	171A	Coldwater Cyn Dr	60-D			Upper Mohnian	Gealey &		
13433	Los Angeles	Van Nuys	421	172	Coldwater Cyn Dr	60-D			Upper Mohnian	Gealey &		
13434	Los Angeles	Van Nuys	421	173	Coldwater Cyn Dr	60-D			Upper Mohnian	Gealey &		
13435	Los Angeles	Van Nuys	421	174	Coldwater Cyn Dr	60-D			Upper Mohnian	Gealey &		
13436	Los Angeles	Van Nuys	421	202	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
13437	Los Angeles	Van Nuys	421	203	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
13438	Los Angeles	Van Nuys	421	204	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
13439	Los Angeles	Van Nuys	421	205	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
13440	Los Angeles	Van Nuys	421	206	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
13441	Los Angeles	Van Nuys	421	207	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
13442	Los Angeles	Van Nuys	421	208	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
13443	Los Angeles	Van Nuys	421	208	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
13444	Los Angeles	Van Nuys	421	210	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
13445	Los Angeles	Van Nuys	421	211	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
13446	Los Angeles	Van Nuys	421	212	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
13447	Los Angeles	Van Nuys	421	213	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
13448	Los Angeles	Van Nuys	421	214	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
13449	Los Angeles	Van Nuys	421	215	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
13450	Los Angeles	Van Nuys	421	216	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
13451	Los Angeles	Van Nuys	421	217	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
13452	Los Angeles	Van Nuys	421	218	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
13453	Los Angeles	Van Nuys	421	220	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
13454	Los Angeles	Van Nuys	421	222	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
13455	Kern	Fellows	421	slide 1	Near Mocal Road	95-N	type specimens					
13456	Kern	Fellows	421	1	Near Mocal Road	95-L				Miocene		
13457	Kern	Fellows	421	2	Near Mocal Road	95-L				Miocene		
13458	Kern	Fellows	421	3	Near Mocal Road	95-L				Miocene		
13459	Kern	Fellows	421	4	Near Mocal Road	95-L				Miocene		
13460	Kern	Fellows	421	5	Near Mocal Road	95-L				Miocene		
13461	Kern	Fellows	421	6	Near Mocal Road	95-L				Miocene		
13462	Kern	Fellows	421	7	Near Mocal Road	95-M				Miocene		
13463	Kern	Fellows	421	9	Near Mocal Road	95-M				Miocene		
13464	Kern	Fellows	421	10	Near Mocal Road	95-M				Miocene		
13465	Kern	Fellows	421	11	Near Mocal Road	95-M				Miocene		
13466	Kern	Fellows	421	12	Near Mocal Road	95-M				Miocene		
13467	Kern	Fellows	421	13	Near Mocal Road	95-M				Miocene		
13468	Kern	Fellows	421	14	Near Mocal Road	95-M				Miocene		
13469	Kern	Fellows	421	15	Near Mocal Road	95-M				Miocene		
13470	Kern	Fellows	421	15RS	Near Mocal Road	95-M				Miocene		
13471	Kern	Fellows	421	16	Near Mocal Road	95-M				Miocene		
13472	Kern	Fellows	421	17	Near Mocal Road	95-M				Miocene		
13473	Kern	Fellows	421	18	Near Mocal Road	95-M				Miocene		
13474	Kern	Fellows	421	20	Near Mocal Road	95-M				Miocene		
13475	Kern	Fellows	421	21	Near Mocal Road	95-M				Miocene		
13476	Kern	Fellows	421	22	Near Mocal Road	95-M				Miocene		
13477	Kern	Fellows	421	23	Near Mocal Road	95-M				Miocene		
13478	Kern	Fellows	421	24	Near Mocal Road	95-M				Miocene		
13479	Kern	Fellows	421	25	Near Mocal Road	95-M				Miocene		
13480	Kern	Fellows	421	26	Near Mocal Road	95-M				Miocene		
13481	Kern	Fellows	421	27	Near Mocal Road	95-M				Miocene		
13482	Kern	Fellows	421	28	Near Mocal Road	95-M				Miocene		
13483	Kern	Fellows	421	29	Near Mocal Road	95-M				Miocene		
13484	Kern	Fellows	421	30	Near Mocal Road	95-M				Miocene		
13485	Kern	Fellows	421	31	Near Mocal Road	95-M				Miocene		
13486	Kern	Fellows	421	32	Near Mocal Road	95-M				Miocene		
13487	Kern	Fellows	421	33	Near Mocal Road	95-M				Miocene		
13488	Kern	Fellows	421	36	Near Mocal Road	95-M				Miocene		
13489	Kern	Fellows	421	44	Near Mocal Road	95-M				Miocene		
13490	Kern	Fellows	421	45	Near Mocal Road	95-M				Miocene		
13491	Kern	Fellows	421	46	Near Mocal Road	95-M				Miocene		
13492	Kern	Fellows	421	47	Near Mocal Road	95-M				Miocene		
13493	Kern	Fellows	421	48	Near Mocal Road	95-M				Miocene		
13494	Kern	Fellows	421	49	Near Mocal Road	95-M				Miocene		
13495	Kern	Fellows	421	50	Near Mocal Road	95-M				Miocene		
13496	Kern	Fellows	421	52	Near Mocal Road	95-M				Miocene		
13497	Kern	Fellows	421	56	Near Mocal Road	95-M				Miocene		
13498	Kern	Fellows	421	63	Near Mocal Road	95-M				Miocene		
13499	Kern	Fellows	421	65	Near Mocal Road	95-M				Miocene		
13500	Kern	Fellows	421	66	Near Mocal Road	95-M				Miocene		
13501	Kern	Fellows	421	67	Near Mocal Road	95-M				Miocene		
13502	Kern	Fellows	421	68	Near Mocal Road	95-M				Miocene		
13503	Kern	Fellows	421	69	Near Mocal Road	95-M				Miocene		
13504	Kern	Fellows	421	77	Near Mocal Road	95-M				Miocene		
13505	Kern	Fellows	421	82	Near Mocal Road	95-M				Miocene		
13506	Kern	Fellows	421	83	Near Mocal Road	95-M				Miocene		
13507	Kern	Fellows	421	85	Near Mocal Road	95-M				Miocene		
13508	Kern	Fellows	421	89	Near Mocal Road	95-M				Miocene		
13509	Kern	Fellows	421	95	Near Mocal Road	95-M				Miocene		
13510	Kern	Fellows	421	96	Near Mocal Road	95-M				Miocene		
13511	Kern	Fellows	421	97	Near Mocal Road	95-M				Miocene		
13512	Kern	Fellows	421	98	Near Mocal Road	95-M				Miocene		
13513	Kern	Fellows	421	102	Near Mocal Road	95-M				Miocene		
13514	Kern	Panorama Hills	421	117	EC part of quad	95-M				Miocene		

1	A	B	C	D	E	F	G	H	I	J	K	L
COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS			
13515	Kern	Panorama Hills	421	121	EC part of quad	95-M			Miocene			
13516	Kern	Panorama Hills	421	144	EC part of quad	95-M			Miocene			
13517	Kern	Panorama Hills	421	145	EC part of quad	95-M			Miocene			
13518	Kern	Panorama Hills	421	146	EC part of quad	95-M			Miocene			
13519	Kern	Panorama Hills	421	147	EC part of quad	95-M			Miocene			
13520	Kern	Panorama Hills	421	148	EC part of quad	95-M			Miocene			
13521	Kern	Panorama Hills	421	149	EC part of quad	95-M			Miocene			
13522	Kern	Panorama Hills	421	150	EC part of quad	95-M			Miocene			
13523	Kern	Panorama Hills	421	151	EC part of quad	95-M			Miocene			
13524	Kern	Panorama Hills	421	153	EC part of quad	95-M			Miocene			
13525	Kern	Panorama Hills	421	154	Near Mocal Road	95-M			Miocene			
13526	Los Angeles	Van Nuys	424	2	Near Mulholland	59-J	#1-97 on map		Upper Mohnian			
13527	Los Angeles	Van Nuys	424	3	Near Mulholland	59-J	see strat column		Middle Mohnian			
13528	Los Angeles	Van Nuys	424	4	Near Mulholland	59-J	lot #337		Middle Mohnian			
13529	Los Angeles	Van Nuys	424	3A	Near Mulholland	59-J			Middle Mohnian			
13530	Los Angeles	Van Nuys	424	3B	Near Mulholland	59-J			Middle Mohnian			
13531	Los Angeles	Van Nuys	424	3C	Near Mulholland	59-J			Middle Mohnian			
13532	Los Angeles	Van Nuys	424	5	Near Mulholland	59-J			Middle Mohnian			
13533	Los Angeles	Van Nuys	424	6	Near Mulholland	59-J			Middle Mohnian			
13534	Los Angeles	Van Nuys	424	7	Near Mulholland	59-J			Middle Mohnian			
13535	Los Angeles	Van Nuys	424	8	Near Mulholland	59-J			Middle Mohnian			
13536	Los Angeles	Van Nuys	424	9	Near Mulholland	59-J			Lower Mohnian			
13537	Los Angeles	Van Nuys	424	11	Near Mulholland	59-J			Lower Mohnian			
13538	Los Angeles	Van Nuys	424	12	Near Mulholland	59-J			Lower Mohnian			
13539	Los Angeles	Van Nuys	424	12A	Near Mulholland	59-J			Lower Mohnian			
13540	Los Angeles	Van Nuys	424	13	Near Mulholland	59-J			Lower Mohnian			
13541	Los Angeles	Van Nuys	424	13A	Near Mulholland	59-J			Lower Mohnian			
13542	Los Angeles	Van Nuys	424	14	Near Mulholland	59-J			Lower Mohnian			
13543	Los Angeles	Van Nuys	424	15	Near Mulholland	59-J			Lower Mohnian			
13544	Los Angeles	Van Nuys	424	16	Near Mulholland	59-K			Lower Mohnian			
13545	Los Angeles	Van Nuys	424	17	Near Mulholland	59-K			Lower Mohnian			
13546	Los Angeles	Van Nuys	424	17A	Near Mulholland	59-K			Lower Mohnian			
13547	Los Angeles	Van Nuys	424	18	Near Mulholland	59-K			Lower Mohnian			
13548	Los Angeles	Van Nuys	424	18A	Near Mulholland	59-K			Lower Mohnian			
13549	Los Angeles	Van Nuys	424	19	Near Mulholland	59-K			Lower Mohnian			
13550	Los Angeles	Van Nuys	424	19A	Near Mulholland	59-K			Lower Mohnian			
13551	Los Angeles	Van Nuys	424	20	Near Mulholland	59-K			Lower Mohnian			
13552	Los Angeles	Van Nuys	424	21	Near Mulholland	59-K			Lower Mohnian			
13553	Los Angeles	Van Nuys	424	22	Near Mulholland	59-K			Lower Mohnian			
13554	Los Angeles	Van Nuys	424	23	Near Mulholland	59-K			Lower Mohnian			
13555	Los Angeles	Van Nuys	424	24	Near Mulholland	59-K			Lower Mohnian			
13556	Los Angeles	Van Nuys	424	25	Near Mulholland	59-K			Lower Mohnian			
13557	Los Angeles	Van Nuys	424	26	Near Mulholland	59-K			Lower Mohnian			
13558	Los Angeles	Van Nuys	424	27	Near Mulholland	59-K			Lower Mohnian			
13559	Los Angeles	Van Nuys	424	28	Near Mulholland	59-K			Lower Mohnian			
13560	Los Angeles	Van Nuys	424	29	Near Mulholland	59-K		transition	Luisian/Mohnian			
13561	Los Angeles	Van Nuys	424	30	Near Mulholland	59-K		transition	Luisian/Mohnian			
13562	Kern	Eagle Rest Peak	424	57X	San Emigdio Creek	94-F			Eocene	Mallory		
13563	Kern	Eagle Rest Peak	424	61X	San Emigdio Creek	94-F			Eocene	Mallory		
13564	Kern	Eagle Rest Peak	424	62AX	San Emigdio Creek	94-F			Eocene	Mallory		
13565	Kern	Eagle Rest Peak	424	62BX	San Emigdio Creek	94-F			Eocene	Mallory		
13566	Kern	Eagle Rest Peak	424	62CX	San Emigdio Creek	94-F			Eocene	Mallory		
13567	Kern	Eagle Rest Peak	424	64AX	San Emigdio Creek	94-F			Eocene	Mallory		
13568	Kern	Eagle Rest Peak	424	64BX	San Emigdio Creek	94-F			Eocene	Mallory		
13569	Kern	Eagle Rest Peak	424	65AX	San Emigdio Creek	94-F			Eocene	Mallory		
13570	Kern	Eagle Rest Peak	424	65BX	San Emigdio Creek	94-F			Eocene	Mallory		
13571	Kern	Eagle Rest Peak	424	65CX	San Emigdio Creek	94-F			Eocene	Mallory		
13572	Los Angeles	Van Nuys	425	1	Studio city area	59-H			no paleo info			
13573	Los Angeles	Van Nuys	425	2	Studio city area	59-H			no paleo info			
13574	Los Angeles	Van Nuys	425	3	Studio city area	59-H			no paleo info			
13575	Los Angeles	Van Nuys	425	4	Studio city area	59-H			no paleo info			
13576	Los Angeles	Van Nuys	425	5	Studio city area	59-H			no paleo info			
13577	Los Angeles	Van Nuys	425	6	Studio city area	59-H			no paleo info			
13578	Los Angeles	Van Nuys	425	7	Studio city area	59-H			no paleo info			
13579	Kern	Eagle Rest Peak	425	47	San Emigdio Creek	94-E			Eocene?	Mallory		
13580	Kern	Eagle Rest Peak	425	48	San Emigdio Creek	94-E			Eocene?			
13581	Kern	Eagle Rest Peak	425	49	San Emigdio Creek	94-E			Eocene?			
13582	Kern	Eagle Rest Peak	425	49A	San Emigdio Creek	94-E			Eocene?			
13583	Kern	Eagle Rest Peak	425	51	San Emigdio Creek	94-E			Eocene?			
13584	Kern	Eagle Rest Peak	425	52	San Emigdio Creek	94-E			Eocene?			
13585	Kern	Eagle Rest Peak	425	53	San Emigdio Creek	94-E			Eocene?			
13586	Kern	Eagle Rest Peak	425	53A	San Emigdio Creek	94-E			Eocene?			
13587	Kern	Eagle Rest Peak	425	54	San Emigdio Creek	94-E			Eocene?			
13588	Kern	Eagle Rest Peak	425	55	San Emigdio Creek	94-E			Eocene?			
13589	Kern	Eagle Rest Peak	425	56	San Emigdio Creek	94-E			Eocene?			
13590	Kern	Eagle Rest Peak	425	57	San Emigdio Creek	94-E			Eocene?			
13591	Kern	Eagle Rest Peak	425	66	San Emigdio Creek	94-E			Eocene?			
13592	Kern	Eagle Rest Peak	425	67	San Emigdio Creek	94-E			Eocene?			
13593	Kern	Eagle Rest Peak	425	68	San Emigdio Creek	94-E			Eocene?			
13594	Kern	Eagle Rest Peak	425	69	San Emigdio Creek	94-E			Eocene?			
13595	Kern	Eagle Rest Peak	425	70	San Emigdio Creek	94-E			Eocene?			
13597	Ventura	Devils Heart Peak	426	1	San Emigdio Creek	55-D	see loc # 169 for		Paleocene?			
13598	Ventura	Devils Heart Peak	426	2	Sespe Hot Springs	55-D	strat column		Paleocene?			
13599	Ventura	Devils Heart Peak	426	3	Sespe Hot Springs	55-D			Paleocene?			
13600	Ventura	Devils Heart Peak	426	4	Sespe Hot Springs	55-D			Paleocene?			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
13601	Ventura	Devils Heart Peak	426	5	Sespe Hot Springs	55-D			Paleocene?			
13602	Ventura	Devils Heart Peak	426	6	Sespe Hot Springs	55-D			Paleocene?			
13603	Ventura	Devils Heart Peak	426	7	Sespe Hot Springs	55-D			Paleocene?			
13604	Ventura	Devils Heart Peak	426	8	Sespe Hot Springs	55-D			Paleocene?			
13605	Ventura	Devils Heart Peak	426	9	Sespe Hot Springs	55-D			Paleocene?			
13606	Ventura	Devils Heart Peak	426	10	Sespe Hot Springs	55-D			Paleocene?			
13607	Ventura	Devils Heart Peak	426	11	Sespe Hot Springs	55-D			Paleocene?			
13608	Ventura	Devils Heart Peak	426	12	Sespe Hot Springs	55-D			Paleocene?			
13609	Ventura	Devils Heart Peak	426	13	Sespe Hot Springs	55-D			Paleocene?			
13610	Ventura	Devils Heart Peak	426	14	Sespe Hot Springs	55-D			Paleocene?			
13611	Ventura	Devils Heart Peak	427	1	Hot Springs Road	55-C	see loc # 169 for		Paleocene?			
13612	Ventura	Devils Heart Peak	427	2	Hot Springs Road	55-C	strat column		Paleocene?			
13613	Ventura	Devils Heart Peak	427	3	Hot Springs Road	55-C			Paleocene?			
13614	Ventura	Devils Heart Peak	427	4	Hot Springs Road	55-C			Paleocene?			
13615	Ventura	Devils Heart Peak	427	5	Hot Springs Road	55-C			Paleocene?			
13616	Ventura	Devils Heart Peak	427	7	Hot Springs Road	55-C			Paleocene?			
13617	Ventura	Devils Heart Peak	427	8	Hot Springs Road	55-C			Paleocene?			
13618	Ventura	Devils Heart Peak	427	9	Hot Springs Road	55-C			Paleocene?			
13619	Ventura	Devils Heart Peak	428	0	Sespe Creek	60-J			M Eocene A-2 zone			
13620	Ventura	Devils Heart Peak	428	8	Sespe Creek	60-J			M Eocene A-2 zone			
13621	Ventura	Devils Heart Peak	428	9	Sespe Creek	60-J			M Eocene A-2 zone			
13622	Ventura	Devils Heart Peak	428	10	Sespe Creek	60-J			M Eocene A-2 zone			
13623	Ventura	Devils Heart Peak	428	11	Sespe Creek	60-J			M Eocene A-2 zone			
13624	Ventura	Devils Heart Peak	428	12	Sespe Creek	60-J			M Eocene A-2 zone			
13625	Ventura	Devils Heart Peak	428	13	Sespe Creek	60-J			M Eocene A-2 zone			
13626	Ventura	Devils Heart Peak	428	14	Sespe Creek	60-J			M Eocene A-2 zone			
13627	Ventura	Devils Heart Peak	428	17	Sespe Creek	60-J			M Eocene A-2 zone			
13628	Ventura	Devils Heart Peak	428	19	Sespe Creek	60-J			M Eocene A-2 zone			
13629	Ventura	Devils Heart Peak	428	20	Sespe Creek	60-J			M Eocene A-2 zone			
13630	Ventura	Devils Heart Peak	428	21	Sespe Creek	60-J			M Eocene A-2 zone			
13631	Ventura	Devils Heart Peak	428	22	Sespe Creek	60-J			M Eocene A-2 zone			
13632	Ventura	Devils Heart Peak	428	23	Sespe Creek	60-J			M Eocene A-2 zone			
13633	Ventura	Devils Heart Peak	428	24	Sespe Creek	60-J			M Eocene A-2 zone			
13634	Ventura	Devils Heart Peak	428	25	Sespe Creek	60-J			M Eocene A-2 zone			
13635	Ventura	Devils Heart Peak	428	26	Sespe Creek	60-J			M Eocene A-2 zone			
13636	Ventura	Devils Heart Peak	428	27	Sespe Creek	60-J			M Eocene A-2 zone			
13637	Ventura	Devils Heart Peak	428	28	Sespe Creek	60-K			M Eocene A-2 zone			
13638	Ventura	Devils Heart Peak	428	29	Sespe Creek	60-K			M Eocene A-2 zone			
13639	Ventura	Devils Heart Peak	428	30	Sespe Creek	60-K			M Eocene A-2 zone			
13640	Ventura	Devils Heart Peak	428	31	Sespe Creek	60-K			M Eocene A-2 zone			
13641	Ventura	Devils Heart Peak	428	32	Sespe Creek	60-K			M Eocene A-2 zone			
13642	Ventura	Devils Heart Peak	428	33	Sespe Creek	60-K			M Eocene A-2 zone			
13643	Ventura	Devils Heart Peak	428	34	Sespe Creek	60-K			M Eocene A-2 zone			
13644	Ventura	Devils Heart Peak	428	35	Sespe Creek	60-K			M Eocene A-2 zone			
13645	Ventura	Devils Heart Peak	428	36	Sespe Creek	60-K			M Eocene A-2 zone			
13646	Ventura	Devils Heart Peak	428	37	Sespe Creek	60-K			M Eocene A-2 zone			
13647	Ventura	Devils Heart Peak	428	39	Sespe Creek	60-K			M Eocene A-2 zone			
13648	Ventura	Devils Heart Peak	428	40	Sespe Creek	60-K			M Eocene A-2 zone			
13649	Ventura	Devils Heart Peak	428	41	Sespe Creek	60-K			M Eocene A-2 zone			
13650	Ventura	Devils Heart Peak	428	42	Sespe Creek	60-K			M Eocene A-2 zone			
13651	Ventura	Devils Heart Peak	428	43	Sespe Creek	60-K			M Eocene A-2 zone			
13652	Ventura	Devils Heart Peak	428	44	Sespe Creek	60-K			M Eocene A-2 zone			
13653	Ventura	Devils Heart Peak	428	45	Sespe Creek	60-K			M Eocene A-2 zone			
13654	Ventura	Devils Heart Peak	428	46	Sespe Creek	60-K			M Eocene A-2 zone			
13655	Ventura	Devils Heart Peak	428	47	Sespe Creek	60-K			M Eocene A-2 zone			
13656	Ventura	Devils Heart Peak	428	48	Sespe Creek	60-K			M Eocene A-2 zone			
13657	Ventura	Devils Heart Peak	428	49	Sespe Creek	60-K			M Eocene A-2 zone			
13658	Ventura	Devils Heart Peak	428	50	Sespe Creek	60-K			M Eocene A-2 zone			
13659	Ventura	Devils Heart Peak	428	51	Sespe Creek	60-K			M Eocene A-2 zone			
13660	Ventura	Devils Heart Peak	428	52	Sespe Creek	60-K			M Eocene A-2 zone			
13661	Ventura	Devils Heart Peak	428	53	Sespe Creek	60-K			M Eocene A-2 zone			
13662	Ventura	Devils Heart Peak	428	55	Sespe Creek	60-K			M Eocene A-2 zone			
13663	Ventura	Devils Heart Peak	428	56	Sespe Creek	60-K			M Eocene A-2 zone			
13664	Ventura	Devils Heart Peak	428	59	Sespe Creek	60-K			M Eocene A-2 zone			
13665	Ventura	Devils Heart Peak	428	61	Sespe Creek	60-K			M Eocene A-2 zone			
13666	Ventura	Devils Heart Peak	428	62	Sespe Creek	60-K			M Eocene A-2 zone			
13667	Ventura	Devils Heart Peak	428	63	Sespe Creek	60-K			M Eocene A-2 zone			
13668	Ventura	Devils Heart Peak	428	64	Sespe Creek	60-K			M Eocene A-2 zone			
13669	Ventura	Devils Heart Peak	428	65	Sespe Creek	60-K			M Eocene A-2 zone			
13670	Ventura	Matilija	430	0	ARCO pipeline	61-I			not diagnostic			
13671	Ventura	Matilija	430	25	ARCO pipeline	61-I			not diagnostic			
13672	Ventura	Matilija	430	75	ARCO pipeline	61-I			not diagnostic			
13673	Ventura	Matilija	430	100	ARCO pipeline	61-I			not diagnostic			
13674	Ventura	Matilija	430	125	ARCO pipeline	61-I			not diagnostic			
13675	Ventura	Matilija	431	5200	ARCO pipeline	55-A	Ortega anticl		no age provided			
13676	Ventura	Matilija	431	5250	ARCO pipeline	55-A			no age provided			
13677	Ventura	Matilija	431	5300	ARCO pipeline	55-A			no age provided			
13678	Ventura	Matilija	431	5350	ARCO pipeline	55-A			no age provided			
13679	Ventura	Matilija	431	5450	ARCO pipeline	55-A			no age provided			
13680	Ventura	Matilija	431	5550	ARCO pipeline	55-A			no age provided			
13681	Ventura	Matilija	431	5700	ARCO pipeline	55-A			no age provided			
13682	Ventura	Matilija	431	5750	ARCO pipeline	55-A			no age provided			
13683	Ventura	Matilija	431	5800	ARCO pipeline	55-A			no age provided			
13684	Ventura	Matilija	431	5850	ARCO pipeline	55-A			no age provided			
13685	Ventura	Matilija	431	5900	ARCO pipeline	55-A			no age provided			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGE	COLLECTORS		
13856	Kern	Maricopa	432	121	SW of Hazelton	100-H			no paleo info	Parker		
13857	Kern	Maricopa	432	122	SW of Hazelton	100-H			no paleo info	Parker		
13858	Kern	Maricopa	432	123	SW of Hazelton	100-I			no paleo info	Parker		
13859	Kern	Maricopa	432	124	SW of Hazelton	100-I			no paleo info	Parker		
13860	Kern	Maricopa	432	125	SW of Hazelton	100-I			no paleo info	Parker		
13861	Kern	Maricopa	432	126	SW of Hazelton	100-I			no paleo info	Parker		
13862	Kern	Maricopa	432	128	SW of Hazelton	100-I			no paleo info	Parker		
13863	Kern	Maricopa	432	129	SW of Hazelton	100-I			no paleo info	Parker		
13864	Kern	Maricopa	432	130	SW of Hazelton	100-I			no paleo info	Parker		
13865	Kern	Maricopa	432	131	SW of Hazelton	100-I			no paleo info	Parker		
13866	Kern	Maricopa	432	132	SW of Hazelton	100-I			no paleo info	Parker		
13867	Kern	Maricopa	432	133	SW of Hazelton	100-I			no paleo info	Parker		
13868	Kern	Maricopa	432	134	SW of Hazelton	100-I			no paleo info	Parker		
13869	Kern	Maricopa	432	135	SW of Hazelton	100-I			no paleo info	Parker		
13870	Kern	Maricopa	432	136	SW of Hazelton	100-I			no paleo info	Parker		
13871	Kern	Maricopa	432	137	SW of Hazelton	100-I			no paleo info	Parker		
13872	Kern	Maricopa	432	138	SW of Hazelton	100-I			no paleo info	Parker		
13873	Kern	Maricopa	432	138	SW of Hazelton	100-I			no paleo info	Parker		
13874	Kern	Maricopa	432	140	SW of Hazelton	100-I			no paleo info	Parker		
13875	Kern	Maricopa	432	141	SW of Hazelton	100-I			no paleo info	Parker		
13876	Kern	Maricopa	432	142	SW of Hazelton	100-I			no paleo info	Parker		
13877	Kern	Maricopa	432	143	SW of Hazelton	100-I			no paleo info	Parker		
13878	Kern	Maricopa	432	144	SW of Hazelton	100-I			no paleo info	Parker		
13879	Kern	Maricopa	432	145	SW of Hazelton	100-I			no paleo info	Parker		
13880	Kern	Pentland	432	149	SW of Hazelton	100-I			no paleo info	Parker		
13881	Kern	Pentland	432	150	SW of Hazelton	100-I			no paleo info	Parker		
13882	Kern	Pentland	432	152	SW of Hazelton	100-I			no paleo info	Parker		
13883	Kern	Pentland	432	153	SW of Hazelton	100-I			no paleo info	Parker		
13884	Kern	Pentland	432	154	SW of Hazelton	100-I			no paleo info	Parker		
13885	Kern	Pentland	432	155	SW of Hazelton	100-I			no paleo info	Parker		
13886	Kern	Pentland	432	156	SW of Hazelton	100-I			no paleo info	Parker		
13887	Kern	Pentland	432	157	SW of Hazelton	100-I			no paleo info	Parker		
13888	Kern	Pentland	432	158	SW of Hazelton	100-I			no paleo info	Parker		
13889	Kern	Pentland	432	159	SW of Hazelton	100-I			no paleo info	Parker		
13890	Kern	Pentland	432	160	SW of Hazelton	100-I			no paleo info	Parker		
13891	Kern	Pentland	432	slide 1	SW of Hazelton	243-J			no paleo info			
13892	Ventura	Reyes Peak	432	225	ARCO pipeline	55-J			no age provided			
13893	Ventura	Reyes Peak	432	0	ARCO pipeline	55-J			no age provided			
13894	Ventura	Reyes Peak	432	50	ARCO pipeline	55-J			no age provided			
13895	Ventura	Reyes Peak	432	100	ARCO pipeline	55-J			no age provided			
13896	Ventura	Reyes Peak	432	150	ARCO pipeline	55-J			no age provided			
13897	Ventura	Reyes Peak	432	200	ARCO pipeline	55-J			no age provided			
13898	Ventura	Reyes Peak	432	425	ARCO pipeline	55-J			no age provided			
13899	Ventura	Reyes Peak	432	450	ARCO pipeline	55-J			no age provided			
13900	Ventura	Reyes Peak	432	475	ARCO pipeline	55-J			no age provided			
13901	Ventura	Reyes Peak	432	525	ARCO pipeline	55-J			no age provided			
13902	Ventura	Reyes Peak	432	750	ARCO pipeline	55-J			no age provided			
13903	Ventura	Reyes Peak	432	1150	ARCO pipeline	55-J			no age provided			
13904	Ventura	Reyes Peak	432	1200	ARCO pipeline	55-J			no age provided			
13905	Ventura	Reyes Peak	432	1350	ARCO pipeline	55-J			no age provided			
13906	Ventura	Reyes Peak	432	375	ARCO pipeline	55-K			no age provided			
13907	Ventura	Reyes Peak	432	400	ARCO pipeline	55-K			no age provided			
13908	Ventura	Reyes Peak	432	425	ARCO pipeline	55-K			no age provided			
13909	Ventura	Reyes Peak	432	700	ARCO pipeline	55-K			no age provided			
13910	Ventura	Reyes Peak	432	975	ARCO pipeline	55-K			no age provided			
13911	Ventura	Reyes Peak	432	1025	ARCO pipeline	55-K			no age provided			
13912	Ventura	Reyes Peak	432	1050	ARCO pipeline	55-K			no age provided			
13913	Ventura	Santa Paula Peak	433	1	E Santa Paula Ck	56-J	see loc 360 for		M Eocene A-2 zone			
13914	Ventura	Santa Paula Peak	433	3	E Santa Paula Ck	56-J	strat column and		M Eocene A-2 zone			
13915	Ventura	Santa Paula Peak	433	4	E Santa Paula Ck	56-J	foram check list		M Eocene A-2 zone			
13916	Ventura	Santa Paula Peak	433	5	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13917	Ventura	Santa Paula Peak	433	7	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13918	Ventura	Santa Paula Peak	433	9	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13919	Ventura	Santa Paula Peak	433	10	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13920	Ventura	Santa Paula Peak	433	11	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13921	Ventura	Santa Paula Peak	433	12	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13922	Ventura	Santa Paula Peak	433	13	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13923	Ventura	Santa Paula Peak	433	14	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13924	Ventura	Santa Paula Peak	433	15	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13925	Ventura	Santa Paula Peak	433	16	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13926	Ventura	Santa Paula Peak	433	18	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13927	Ventura	Santa Paula Peak	433	19	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13928	Ventura	Santa Paula Peak	433	20	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13929	Ventura	Santa Paula Peak	433	21	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13930	Ventura	Santa Paula Peak	433	22	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13931	Ventura	Santa Paula Peak	433	23	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13932	Ventura	Santa Paula Peak	433	24	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13933	Ventura	Santa Paula Peak	433	25	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13934	Ventura	Santa Paula Peak	433	26	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13935	Ventura	Santa Paula Peak	433	27	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13936	Ventura	Santa Paula Peak	433	28	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13937	Ventura	Santa Paula Peak	433	28	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13938	Ventura	Santa Paula Peak	433	30	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13939	Ventura	Santa Paula Peak	433	31	E Santa Paula Ck	56-J			M Eocene A-2 zone			
13940	Ventura	Santa Paula Peak	433	32	E Santa Paula Ck	56-J			M Eocene A-2 zone			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
14281	Ventura	Reyes Peak	438	5	Alamo Creek	56-I						not diagnostic
14282	Ventura	Reyes Peak	438	7	Alamo Creek	56-I						not diagnostic
14283	Ventura	Reyes Peak	438	8	Alamo Creek	56-I						not diagnostic
14284	Ventura	Reyes Peak	438	10	Alamo Creek	56-I						not diagnostic
14285	Ventura	Reyes Peak	438	12	Alamo Creek	56-I						not diagnostic
14286	Ventura	Wheeler Springs	439	1	Sandstone camp	56-I	paleo check list	see file				Upper Eocene
14287	Ventura	Wheeler Springs	439	2	Sandstone camp	56-I	paleo check list	# 357				Upper Eocene
14288	Ventura	Wheeler Springs	439	3	Sandstone camp	56-I	paleo check list					Upper Eocene
14289	Merced	Howard Ranch	440	1A	Quinto Creek	108-C	Pacheco Pass 15'					U Cret poss D-2
14290	Merced	Crevison Peak	440	4A	Quinto Creek	108-C	Pacheco Pass 15'					Upper Cretaceous
14291	Merced	Crevison Peak	440	4F	Quinto Creek	108-C	Pacheco Pass 15'					Upper Cretaceous
14292	Merced	Crevison Peak	440	7A	Quinto Creek	108-C	Pacheco Pass 15'					Upper Cretaceous
14293	Merced	Howard Ranch	440	1ARW	Quinto Creek	177-M	Pacheco Pass 15'					no paleo info
14294	Merced	Crevison Peak	440	7ARW	Quinto Creek	177-M	Pacheco Pass 15'					no paleo info
14295	Monterey	Carmel Valley	440	2	Carmel Valley	56-A						no paleo info
14296	Monterey	Carmel Valley	440	3	Carmel Valley	56-A						no paleo info
14297	Los Angeles	San Dimas	441	2	San Jose Hills	58-J						no paleo info
14298	Los Angeles	San Dimas	441	5	San Jose Hills	58-J						no paleo info
14299	Los Angeles	San Dimas	441	6	San Jose Hills	58-J						no paleo info
14300	Los Angeles	San Dimas	441	7	San Jose Hills	58-J						no paleo info
14301	Fresno	Curry Mountain	442	1	Waltham Creek	108-G	Coalinga 15'					U Cret G-2 zone Gealey
14302	Fresno	Curry Mountain	442	2	Waltham Creek	108-G	Coalinga 15'					U Cret G-2 zone Gealey
14303	Fresno	Curry Mountain	442	3	Waltham Creek	108-G	Coalinga 15'					U Cret H zone Gealey
14304	Fresno	Curry Mountain	442	4	Waltham Creek	108-G	Coalinga 15'					U Cret H zone Gealey
14305	Fresno	Curry Mountain	442	6	Waltham Creek	108-G	Coalinga 15'					U Cret H zone Gealey
14306	Fresno	Curry Mountain	442	7	Waltham Creek	108-G	Coalinga 15'					U Cret H zone Gealey
14307	Los Angeles	Canoga Park	443	2	Encino	59-M	for strat column					Lower Mohnian
14308	Los Angeles	Canoga Park	443	3	Encino	59-M	see loc 337					Lower Mohnian
14309	Los Angeles	Canoga Park	443	4A	Encino	59-M						Lower Mohnian
14310	Los Angeles	Canoga Park	443	10	Encino	59-M						Lower Mohnian
14311	Los Angeles	Canoga Park	443	11B	Encino	59-M						Lower Mohnian
14312	Los Angeles	Canoga Park	443	12	Encino	59-M						Lower Mohnian
14313	Los Angeles	Canoga Park	443	12A	Encino	59-M						Lower Mohnian
14314	Los Angeles	Canoga Park	443	13	Encino	59-M						Lower Mohnian
14315	Los Angeles	Canoga Park	443	13A	Encino	59-M						Lower Mohnian
14316	Los Angeles	Canoga Park	443	14A	Encino	59-M						Lower Mohnian
14317	Los Angeles	Canoga Park	443	20	Encino	59-M						Middle Mohnian
14318	Los Angeles	Canoga Park	443	21	Encino	59-M						Middle Mohnian
14319	Los Angeles	Canoga Park	443	19A	Encino	59-M						Middle Mohnian
14320	Los Angeles	Canoga Park	443	22	Encino	59-M						Middle Mohnian
14321	Los Angeles	Canoga Park	443	23	Encino	59-M						Middle Mohnian
14322	Los Angeles	Canoga Park	443	24	Encino	59-M						Middle Mohnian
14323	Los Angeles	Canoga Park	443	25	Encino	59-M						Middle Mohnian
14324	Los Angeles	Canoga Park	443	26	Encino	59-M						Middle Mohnian
14325	Los Angeles	Canoga Park	443	27	Encino	59-M						Middle Mohnian
14326	Los Angeles	Canoga Park	443	28	Encino	59-M						Middle Mohnian
14327	Los Angeles	Canoga Park	443	29	Encino	59-M						Middle Mohnian
14328	Los Angeles	Canoga Park	443	30	Encino	59-M						Middle Mohnian
14329	Los Angeles	Canoga Park	443	31	Encino	59-M						Middle Mohnian
14330	Los Angeles	Canoga Park	443	32	Encino	59-M						Middle Mohnian
14331	Los Angeles	Canoga Park	443	32A	Encino	59-M						Middle Mohnian
14332	Los Angeles	Canoga Park	443	33	Encino	59-M						Upper Mohnian
14333	Los Angeles	Canoga Park	443	35	Encino	59-M						Upper Mohnian
14334	Los Angeles	Canoga Park	443	35B	Encino	59-M						Upper Mohnian
14335	Los Angeles	Canoga Park	443	36	Encino	59-M						Upper Mohnian
14336	Los Angeles	Canoga Park	443	37	Encino	59-M						Upper Mohnian
14337	Los Angeles	Canoga Park	443	37A	Encino	59-M						Upper Mohnian
14338	Los Angeles	Canoga Park	443	38	Encino	59-M						Upper Mohnian
14339	Los Angeles	Canoga Park	443	39	Encino	59-M						Upper Mohnian
14340	Los Angeles	Canoga Park	443	40	Encino	59-M						Upper Mohnian
14341	Los Angeles	Canoga Park	443	42	Encino	59-M						Upper Mohnian
14342	Los Angeles	Canoga Park	443	43	Encino	59-M						Upper Mohnian
14343	Los Angeles	Canoga Park	443	44	Encino	59-M						Upper Mohnian
14344	Los Angeles	Canoga Park	443	45	Encino	59-M						Upper Mohnian
14345	Contra Costa	Antioch South	443	1	Oil Ck Mt Diablo	129-A						Paleocene E zone
14346	Contra Costa	Antioch South	443	2	Oil Ck Mt Diablo	129-A						Paleocene E or D
14347	Contra Costa	Antioch South	443	4	Oil Ck Mt Diablo	129-A						not diagnostic
14348	Contra Costa	Antioch South	443	5	Oil Ck Mt Diablo	129-A						U Cret C/D-1 zones
14349	Contra Costa	Antioch South	443	6	Oil Ck Mt Diablo	129-A						U Cret E zone
14350	Contra Costa	Antioch South	443	7	Oil Ck Mt Diablo	129-A						U Cret E zone
14351	Contra Costa	Antioch South	443	8	Oil Ck Mt Diablo	129-A						U Cret D-2 zone
14352	Contra Costa	Antioch South	443	9	Oil Ck Mt Diablo	129-A						U Cret C/D-1 zones
14353	Contra Costa	Antioch South	443	10	Oil Ck Mt Diablo	129-A						U Cret F zone
14354	Contra Costa	Antioch South	443	11	Oil Ck Mt Diablo	129-A						U Cret E zone
14355	Contra Costa	Antioch South	443	12	Oil Ck Mt Diablo	129-A						U Cret E zone
14356	Contra Costa	Antioch South	443	13	Oil Ck Mt Diablo	129-A						U Cret D-2 zone
14357	Contra Costa	Antioch South	443	18	Oil Ck Mt Diablo	129-A						U Cret D-2 zone
14358	Contra Costa	Antioch South	443	19	Oil Ck Mt Diablo	129-A						U Cret D-2 zone
14359	Contra Costa	Antioch South	443	20	Oil Ck Mt Diablo	129-A						U Cret D-2 zone
14360	Contra Costa	Antioch South	443	21	Oil Ck Mt Diablo	129-A						U Cret D-2 zone
14361	Contra Costa	Antioch South	443	22	Oil Ck Mt Diablo	129-A						U Cret D-2 zone
14362	Contra Costa	Antioch South	443	23	Oil Ck Mt Diablo	129-A						U Cret D-2 zone
14363	Contra Costa	Antioch South	443	24	Oil Ck Mt Diablo	129-A						U Cret D-2 zone
14364	Contra Costa	Antioch South	443	25	Oil Ck Mt Diablo	129-A						U Cret D-2 zone
14365	Contra Costa	Antioch South	443	26	Oil Ck Mt Diablo	129-A						U Cret D-2 zone

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
14366	Contra Costa	Antioch South	443	27	Oil Ck Mt Diablo	129-A			U Cret F zone			
14367	Contra Costa	Antioch South	443	28	Oil Ck Mt Diablo	129-A			U Cret F zone			
14368	Contra Costa	Antioch South	443	30	Oil Ck Mt Diablo	129-A			no paleo info			
14369	Contra Costa	Antioch South	443	31	Oil Ck Mt Diablo	129-A			no paleo info			
14370	Contra Costa	Antioch South	443	32	Oil Ck Mt Diablo	129-A			no paleo info			
14371	Contra Costa	Antioch South	443	33	Oil Ck Mt Diablo	129-A			U Cret E zone			
14372	Contra Costa	Antioch South	443	35	Oil Ck Mt Diablo	129-A			U Cret D-2 zone			
14373	Contra Costa	Antioch South	443	36	Oil Ck Mt Diablo	129-A			U Cret D-2 zone			
14374	Contra Costa	Antioch South	443	37	Oil Ck Mt Diablo	129-A			U Cret D-2 zone			
14375	Contra Costa	Antioch South	443	38	Oil Ck Mt Diablo	129-A			U Cret C/D-1 zones			
14376	Contra Costa	Antioch South	443	40	Oil Ck Mt Diablo	129-A			U Cret C/D-1 zones			
14377	Contra Costa	Antioch South	443	42	Oil Ck Mt Diablo	129-A			U Cret C/D-1 zones			
14378	Contra Costa	Antioch South	443	45	Oil Ck Mt Diablo	129-A			U Cret C/D-1 zones			
14379	Contra Costa	Antioch South	443	46	Oil Ck Mt Diablo	129-A			U Cret F zone			
14380	Contra Costa	Antioch South	443	47	Oil Ck Mt Diablo	129-A			U Cret F zone			
14381	Contra Costa	Antioch South	443	48	Oil Ck Mt Diablo	129-A			U Cret F zone			
14382	Contra Costa	Antioch South	443	49	Oil Ck Mt Diablo	129-A			U Cret F zone			
14383	Contra Costa	Antioch South	443	50	Oil Ck Mt Diablo	129-A			U Cret F zone			
14384	Contra Costa	Antioch South	443	51	Oil Ck Mt Diablo	129-A			U Cret F zone			
14385	Contra Costa	Antioch South	443	52	Oil Ck Mt Diablo	129-A			U Cret F zone			
14386	Contra Costa	Antioch South	443	53	Oil Ck Mt Diablo	129-A			U Cret F zone			
14387	Contra Costa	Antioch South	443	54	Oil Ck Mt Diablo	129-A			U Cret F zone			
14388	Contra Costa	Antioch South	443	55	Oil Ck Mt Diablo	129-A			U Cret F zone			
14389	Contra Costa	Antioch South	443	56	Oil Ck Mt Diablo	129-A			U Cret F zone			
14390	Contra Costa	Antioch South	443	57	Oil Ck Mt Diablo	129-A			U Cret F zone			
14391	Contra Costa	Antioch South	443	58	Oil Ck Mt Diablo	129-A			U Cret F zone			
14392	Contra Costa	Antioch South	443	60	Oil Ck Mt Diablo	129-A			U Cret F zone			
14393	Contra Costa	Antioch South	443	70	Oil Ck Mt Diablo	129-A			no paleo info			
14394	Contra Costa	Antioch South	443	71	Oil Ck Mt Diablo	129-A			no paleo info			
14395	Contra Costa	Antioch South	443	72	Oil Ck Mt Diablo	129-A			no paleo info			
14396	Contra Costa	Antioch South	443	73	Oil Ck Mt Diablo	129-A			no paleo info			
14397	Contra Costa	Antioch South	443	74	Oil Ck Mt Diablo	129-A			U Cret H zone			
14398	Contra Costa	Antioch South	443	75	Oil Ck Mt Diablo	129-A			U Cret H zone			
14399	Contra Costa	Antioch South	443	76	Oil Ck Mt Diablo	129-A			U Cret H zone			
14400	Contra Costa	Antioch South	443	81	Oil Ck Mt Diablo	129-A			U Cret J-1 zone			
14401	Contra Costa	Antioch South	443	82	Oil Ck Mt Diablo	129-A			U Cret J-1 zone			
14402	Los Angeles	Glendora	444	2A	SW part of quad	58-I	South Hills area		no paleo info			
14403	Los Angeles	Glendora	444	5	SW part of quad	65-C	South Hills area	age on slide	Luisian			
14404	Los Angeles	Whitaker Peak	446	2	SW corner of quad	55-L	so-called Stockton	age on slide	Miocene			
14405	Los Angeles	Whitaker Peak	446	3	SW corner of quad	55-L	Canyon (name not	age on slide	Miocene			
14406	Los Angeles	Whitaker Peak	446	4	SW corner of quad	55-L	accepted by NGIS	age on slide	Miocene			
14407	Los Angeles	Whitaker Peak	446	5A	SW corner of quad	55-L		age on slide	Miocene			
14408	Los Angeles	Whitaker Peak	446	7	SW corner of quad	55-L		age on slide	Miocene			
14409	Los Angeles	Whitaker Peak	446	8	SW corner of quad	55-L		age on slide	Miocene			
14410	Los Angeles	Whitaker Peak	446	9	SW corner of quad	55-L		age on slide	Miocene			
14411	Los Angeles	Whitaker Peak	446	10	SW corner of quad	55-L		age on slide	Miocene			
14412	Humboldt	Ferndale	446	7	Wildcat Grade	7-M	Wildcat Grade.		not diagnostic			
14413	Humboldt	Ferndale	448	8	Wildcat Grade	7-M	Probably Ferndale		not diagnostic			
14414	Humboldt	Ferndale	448	11	Wildcat Grade	7-M	15' Quad. Not on		Pliocene			
14415	Humboldt	Ferndale	448	15	Wildcat Grade	7-M	map.		Lower Pliocene			
14416	Humboldt	Ferndale	448	18	Wildcat Grade	7-M			Pliocene?			
14417	Humboldt	Ferndale	448	23	Wildcat Grade	7-M			Pliocene?			
14418	Humboldt	Ferndale	448	26	Wildcat Grade	7-M			not diagnostic			
14419	Humboldt	Ferndale	448	29	Wildcat Grade	7-M			barren			
14420	Humboldt	Ferndale	448	30	Wildcat Grade	7-M			not diagnostic			
14421	Humboldt	Ferndale	448	31	Wildcat Grade	7-M			not diagnostic			
14422	Humboldt	Ferndale	448	36	Wildcat Grade	7-M			not diagnostic			
14423	Humboldt	Ferndale	448	37	Wildcat Grade	7-M			not diagnostic			
14424	Humboldt	Ferndale	448	43	Wildcat Grade	7-M			Pliocene?			
14425	Humboldt	Ferndale	448	44	Wildcat Grade	7-M			not diagnostic			
14426	Humboldt	Ferndale	448	46	Wildcat Grade	7-M			Upper Pliocene			
14427	Humboldt	Ferndale	448	53	Wildcat Grade	7-M			Upper Pliocene			
14428	Humboldt	Ferndale	448	54	Wildcat Grade	7-M			not diagnostic			
14429	Humboldt	Ferndale	448	55	Wildcat Grade	7-M			not diagnostic			
14430	Humboldt	Scotia	449	1	Bet Scotia/Rio Del	7-A	Along the Eel River		Pliocene			
14431	Humboldt	Scotia	449	2	Bet Scotia/Rio Del	7-A	from Scotia to Rio		Pliocene			
14432	Humboldt	Scotia	449	3	Bet Scotia/Rio Del	7-A	Dell. Have strat		Pliocene			
14433	Humboldt	Scotia	449	4	Bet Scotia/Rio Del	7-A	column and foram		Pliocene			
14434	Humboldt	Scotia	449	5	Bet Scotia/Rio Del	7-A	check list.		Pliocene			
14435	Humboldt	Scotia	449	6	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
14436	Humboldt	Scotia	449	7	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
14437	Humboldt	Scotia	449	8	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
14438	Humboldt	Scotia	449	9	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
14439	Humboldt	Scotia	449	10	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
14440	Humboldt	Scotia	449	11	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
14441	Humboldt	Scotia	449	12	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
14442	Humboldt	Scotia	449	13	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
14443	Humboldt	Scotia	449	15	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
14444	Humboldt	Scotia	449	20	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
14445	Humboldt	Scotia	449	21	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
14446	Humboldt	Scotia	449	22	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
14447	Humboldt	Scotia	449	24	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
14448	Humboldt	Scotia	449	25	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
14449	Humboldt	Scotia	449	26	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
14450	Humboldt	Scotia	449	27	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5 QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
14536	Humboldt	Scotia	449	43RW	Bet Scotia/Rio Del	162-G	Scotia 15'	Scotia rewash	Pliocene			
14537	Humboldt	Scotia	449	44RW	Bet Scotia/Rio Del	162-G	Scotia 15'	Scotia rewash	Pliocene			
14538	Humboldt	Scotia	449	45RW	Bet Scotia/Rio Del	162-G	Scotia 15'	Scotia rewash	Pliocene			
14539	Humboldt	Scotia	449	46RW	Bet Scotia/Rio Del	162-G	Scotia 15'	Scotia rewash	Pliocene			
14540	Humboldt	Scotia	449	47RW	Bet Scotia/Rio Del	162-G	Scotia 15'	Scotia rewash	Pliocene			
14541	Humboldt	Scotia	449	48RW	Bet Scotia/Rio Del	162-G	Scotia 15'	Scotia rewash	Pliocene			
14542	Humboldt	Scotia	449	49RW	Bet Scotia/Rio Del	162-G	Scotia 15'	Scotia rewash	Pliocene			
14543	Humboldt	Scotia	449	50RW	Bet Scotia/Rio Del	162-G	Scotia 15'	Scotia rewash	Pliocene			
14544	Humboldt	Scotia	449	51RW	Bet Scotia/Rio Del	162-G	Scotia 15'	Scotia rewash	Pliocene			
14545	Humboldt	Scotia	449	52RW	Bet Scotia/Rio Del	162-G	Scotia 15'	Scotia rewash	Pliocene			
14546	Humboldt	Scotia	449	53RW	Bet Scotia/Rio Del	162-G	Scotia 15'	Scotia rewash	Pliocene			
14547	Humboldt	Scotia	449	54RW	Bet Scotia/Rio Del	162-G	Scotia 15'	Scotia rewash	Pliocene			
14548	Humboldt	Scotia	449	55RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14549	Humboldt	Scotia	449	56RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14550	Humboldt	Scotia	449	57RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14551	Humboldt	Scotia	449	58RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14552	Humboldt	Scotia	449	59RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14553	Humboldt	Scotia	449	60RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14554	Humboldt	Scotia	449	61RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14555	Humboldt	Scotia	449	62RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14556	Humboldt	Scotia	449	63RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14557	Humboldt	Scotia	449	64RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14558	Humboldt	Scotia	449	65RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14559	Humboldt	Scotia	449	66RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14560	Humboldt	Scotia	449	67RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14561	Humboldt	Scotia	449	68RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14562	Humboldt	Scotia	449	69RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14563	Humboldt	Scotia	449	70RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14564	Humboldt	Scotia	449	71RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14565	Humboldt	Scotia	449	72RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14566	Humboldt	Scotia	449	73RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14567	Humboldt	Scotia	449	74RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14568	Humboldt	Scotia	449	75RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14569	Humboldt	Scotia	449	76RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14570	Humboldt	Scotia	449	77RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14571	Humboldt	Scotia	449	78RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14572	Humboldt	Scotia	449	79RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14573	Humboldt	Scotia	449	80RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14574	Humboldt	Scotia	449	81RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14575	Humboldt	Scotia	449	82RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14576	Humboldt	Scotia	449	83RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14577	Humboldt	Scotia	449	84RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14578	Humboldt	Scotia	449	85RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14579	Humboldt	Scotia	449	86RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14580	Humboldt	Scotia	449	87RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14581	Humboldt	Scotia	449	88RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14582	Humboldt	Scotia	449	89RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
14583	Los Angeles	Beverly Hills	449	1	Westlake School	59-I			Mohnian			
14584	Los Angeles	Beverly Hills	449	5	Westlake School	59-I			Mohnian?			
14585	Los Angeles	Beverly Hills	449	8	Westlake School	59-I			Mohnian?			
14586	Los Angeles	Beverly Hills	449	9	Westlake School	59-I			no paleo info			
14587	Los Angeles	Beverly Hills	449	10	Westlake School	59-I			Mohnian			
14588	Los Angeles	Beverly Hills	449	11	Westlake School	59-I			Mohnian			
14589	Los Angeles	Beverly Hills	449	12	Westlake School	59-I			Mohnian			
14590	Los Angeles	Beverly Hills	449	12A	Westlake School	59-I			no paleo info			
14591	Los Angeles	Beverly Hills	449	14	Westlake School	59-I			no paleo info			
14592	Los Angeles	Beverly Hills	449	15	Westlake School	59-I			Mohnian			
14593	Los Angeles	Beverly Hills	449	16	Westlake School	59-I			Mohnian			
14594	Los Angeles	Beverly Hills	449	17	Westlake School	59-I			Mohnian			
14595	Los Angeles	Beverly Hills	449	18	Westlake School	59-I			Mohnian			
14596	Los Angeles	Beverly Hills	449	19	Westlake School	59-I			Mohnian			
14597	Los Angeles	Beverly Hills	449	20	Westlake School	59-I			no paleo info			
14598	Los Angeles	Beverly Hills	449	21	Westlake School	59-I			Mohnian			
14599	Los Angeles	Beverly Hills	449	25	Westlake School	59-I			Mohnian			
14600	Los Angeles	Beverly Hills	449	26	Westlake School	59-I			no paleo info			
14601	Orange	San Clemente	450	1	Gabino Canyon	56-I			no paleo info			
14602	Orange	San Clemente	450	2	Gabino Canyon	56-I			no paleo info			
14603	Orange	San Clemente	450	2A	Gabino Canyon	56-I			no paleo info			
14604	Orange	San Clemente	450	3	Gabino Canyon	56-I			no paleo info			
14605	Orange	San Clemente	450	5	Gabino Canyon	56-I			no paleo info			
14606	Los Angeles	Canoga Park	451	1	Topanga Cyn Roa	59-J	Near Mohn Spring	type?	Lower Mohnian			
14607	Los Angeles	Canoga Park	451	2	Topanga Cyn Roa	59-J		type?	Lower Mohnian			
14608	Los Angeles	Canoga Park	451	3	Topanga Cyn Roa	59-J		type?	Lower Mohnian			
14609	Los Angeles	Canoga Park	451	4	Topanga Cyn Roa	59-J		type?	Lower Mohnian			
14610	Los Angeles	Canoga Park	451	5	Topanga Cyn Roa	59-J		type?	Lower Mohnian			
14611	Los Angeles	Canoga Park	451	6	Topanga Cyn Roa	59-J		type?	Lower Mohnian			
14612	Los Angeles	Canoga Park	451	7	Topanga Cyn Roa	59-J		type?	Lower Mohnian			
14613	Los Angeles	Canoga Park	451	8	Topanga Cyn Roa	59-J		type?	Lower Mohnian			
14614	Los Angeles	Canoga Park	452	1	Topanga Cyn Roa	59-J		type?	Upper Mohnian			
14615	Los Angeles	Canoga Park	452	2	Topanga Cyn Roa	59-J		type?	Upper Mohnian			
14616	Los Angeles	Canoga Park	452	3	Topanga Cyn Roa	59-J		type?	Upper Mohnian			
14617	Los Angeles	Canoga Park	452	4	Topanga Cyn Roa	59-J		type?	Upper Mohnian			
14618	Los Angeles	Canoga Park	452	5	Topanga Cyn Roa	59-J		type?	Upper Mohnian			
14619	Los Angeles	Canoga Park	452	6	Topanga Cyn Roa	59-J		type?	Upper Mohnian			
14620	Los Angeles	Canoga Park	452	7	Topanga Cyn Roa	59-J		type?	Upper Mohnian			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
14621	Los Angeles	Canoga Park	452	8	Topanga Cyn Road	59-J		type?	Upper Mohnian			
14622	Los Angeles	Van Nuys	458	1	Mulholland Drive	59-J			no paleo info			
14623	Los Angeles	Van Nuys	458	2	Mulholland Drive	59-J			no paleo info			
14624	Los Angeles	Van Nuys	458	3	Mulholland Drive	59-J			no paleo info			
14625	Los Angeles	Van Nuys	458	4	Mulholland Drive	59-J			no paleo info			
14626	Los Angeles	Van Nuys	458	5	Mulholland Drive	59-J			no paleo info			
14627	Los Angeles	Van Nuys	458	6	Mulholland Drive	59-J			no paleo info			
14628	Los Angeles	Van Nuys	458	7	Mulholland Drive	59-J			no paleo info			
14629	Los Angeles	Van Nuys	458	7A	Mulholland Drive	59-J			no paleo info			
14630	Los Angeles	Van Nuys	458	7B	Mulholland Drive	59-J			no paleo info			
14631	Los Angeles	Van Nuys	458	7C	Mulholland Drive	59-J			no paleo info			
14632	Los Angeles	Van Nuys	458	7D	Mulholland Drive	59-J			no paleo info			
14633	Los Angeles	Van Nuys	458	8	Mulholland Drive	59-J			no paleo info			
14634	Los Angeles	Van Nuys	458	9	Mulholland Drive	59-J			no paleo info			
14635	Los Angeles	Van Nuys	458	10	Mulholland Drive	59-J			no paleo info			
14636	Los Angeles	Van Nuys	458	11	Mulholland Drive	59-J			no paleo info			
14637	Los Angeles	Warm Springs Mtn	462	5	Fish Canyon	60-G	Cienega Camp		not diagnostic			
14638	Los Angeles	Warm Springs Mtn	462	6	Fish Canyon	60-G	Cienega Camp		not diagnostic			
14639	Los Angeles	Warm Springs Mtn	462	7	Fish Canyon	60-G	Cienega Camp		Ynezian E zone			
14640	Los Angeles	Warm Springs Mtn	462	8	Fish Canyon	60-G	Cienega Camp		Ynezian E zone			
14641	Los Angeles	Warm Springs Mtn	462	9	Fish Canyon	60-G	Cienega Camp		not diagnostic			
14642	Los Angeles	Warm Springs Mtn	462	10	Fish Canyon	60-G	Cienega Camp		not diagnostic			
14643	Los Angeles	Warm Springs Mtn	462	12	Fish Canyon	60-G	Cienega Camp		not diagnostic			
14644	Los Angeles	Whitaker Peak	462	13	Fish Canyon	60-G	Cienega Camp		not diagnostic			
14645	Los Angeles	Whitaker Peak	462	14	Fish Canyon	60-G	Cienega Camp		not diagnostic			
14646	Los Angeles	Whitaker Peak	462	15	Fish Canyon	60-G	Cienega Camp		not diagnostic			
14647	Los Angeles	Whitaker Peak	462	19	Fish Canyon	60-G	Cienega Camp		Eocene?			
14648	Los Angeles	Whitaker Peak	462	21	Fish Canyon	60-G	Cienega Camp		not diagnostic			
14649	Los Angeles	Whitaker Peak	462	24	Fish Canyon	60-G	Cienega Camp		not diagnostic			
14650	Los Angeles	Warm Springs Mtn	463	3	Warm Sprs trail	60-F			Eocene?			
14651	Los Angeles	Warm Springs Mtn	463	5	Warm Sprs trail	60-F			not diagnostic			
14652	Los Angeles	Warm Springs Mtn	463	8	Warm Sprs trail	60-F			not diagnostic			
14653	Orange	El Toro	464	3	Williams Canyon	82-K			no paleo info			
14654	Orange	El Toro	464	4	Williams Canyon	82-K			no paleo info			
14655	Orange	El Toro	464	5	Williams Canyon	82-K			no paleo info			
14656	Orange	El Toro	464	6	Williams Canyon	82-K			no paleo info			
14657	Orange	El Toro	464	7	Williams Canyon	82-K			no paleo info			
14658	Orange	El Toro	464	8	Williams Canyon	82-K			no paleo info			
14659	Orange	El Toro	464	9	Williams Canyon	82-K			no paleo info			
14660	Orange	El Toro	464	10	Williams Canyon	82-K			no paleo info			
14661	Orange	El Toro	464	11	Williams Canyon	82-K			no paleo info			
14662	Orange	El Toro	464	12	Williams Canyon	82-K			no paleo info			
14663	Orange	El Toro	464	13	Williams Canyon	82-K			no paleo info			
14664	Orange	El Toro	464	14	Williams Canyon	82-K			no paleo info			
14665	Orange	El Toro	464	16	Williams Canyon	82-K			no paleo info			
14666	Orange	El Toro	464	17	Williams Canyon	82-K			no paleo info			
14667	Orange	El Toro	464	18	Williams Canyon	82-K			no paleo info			
14668	Orange	El Toro	464	19	Williams Canyon	82-K			no paleo info			
14669	Orange	El Toro	464	20	Williams Canyon	82-K			no paleo info			
14670	Orange	El Toro	464	21	Williams Canyon	82-K			no paleo info			
14671	Orange	El Toro	464	22	Williams Canyon	82-K			no paleo info			
14672	Orange	El Toro	464	23	Williams Canyon	82-K			no paleo info			
14673	Orange	El Toro	464	24	Williams Canyon	82-K			no paleo info			
14674	Orange	El Toro	464	25	Williams Canyon	82-K			no paleo info			
14675	Orange	El Toro	464	26	Williams Canyon	82-K			no paleo info			
14676	Orange	El Toro	464	26L4	Williams Canyon	82-K			no paleo info			
14677	Orange	El Toro	464	27	Williams Canyon	82-K			no paleo info			
14678	Orange	El Toro	464	28	Williams Canyon	82-K			no paleo info			
14679	Orange	El Toro	464	29	Williams Canyon	82-K			no paleo info			
14680	Orange	El Toro	464	30	Williams Canyon	82-K			no paleo info			
14681	Orange	El Toro	464	31	Williams Canyon	82-K			no paleo info			
14682	Orange	El Toro	465	2	Silverado Canyon	82-F	mounted slides		no paleo info			
14683	Orange	El Toro	465	3	Silverado Canyon	82-F	mounted slides		no paleo info			
14684	Orange	El Toro	465	4	Silverado Canyon	82-F	mounted slides		no paleo info			
14685	Orange	El Toro	465	5	Silverado Canyon	82-F	mounted slides		no paleo info			
14686	Orange	El Toro	465	6	Silverado Canyon	82-F	mounted slides		no paleo info			
14687	Orange	El Toro	465	7	Silverado Canyon	82-F	mounted slides		no paleo info			
14688	Orange	El Toro	465	8	Silverado Canyon	82-F	mounted slides		no paleo info			
14689	Orange	El Toro	465	9	Silverado Canyon	82-F	mounted slides		no paleo info			
14690	Orange	El Toro	465	11	Silverado Canyon	82-G	mounted slides		no paleo info			
14691	Orange	El Toro	465	12	Silverado Canyon	82-G			no paleo info			
14692	Orange	El Toro	465	13	Silverado Canyon	82-G			no paleo info			
14693	Orange	El Toro	465	20	Silverado Canyon	82-G			no paleo info			
14694	Orange	El Toro	465	21	Silverado Canyon	82-G			no paleo info			
14695	Orange	El Toro	465	22	Silverado Canyon	82-G			no paleo info			
14696	Orange	El Toro	465	1	Silverado Canyon	82-F			no paleo info			
14697	Orange	El Toro	465	2	Silverado Canyon	82-F			no paleo info			
14698	Orange	El Toro	465	3	Silverado Canyon	82-F			no paleo info			
14699	Orange	El Toro	465	4	Silverado Canyon	82-F			no paleo info			
14700	Orange	El Toro	465	5	Silverado Canyon	82-F			no paleo info			
14701	Orange	El Toro	465	6	Silverado Canyon	82-F			no paleo info			
14702	Orange	El Toro	465	7	Silverado Canyon	82-F			no paleo info			
14703	Orange	El Toro	465	8	Silverado Canyon	82-F			no paleo info			
14704	Orange	El Toro	465	9	Silverado Canyon	82-F			no paleo info			
14705	Orange	El Toro	465	10	Silverado Canyon	82-G			no paleo info			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
14706	Orange	El Toro	465	11	Silverado Canyon	82-G			no paleo info			
14707	Orange	El Toro	465	12	Silverado Canyon	82-G			no paleo info			
14708	Orange	El Toro	465	13	Silverado Canyon	82-G			no paleo info			
14709	Orange	El Toro	465	14	Silverado Canyon	82-G			no paleo info			
14710	Orange	El Toro	465	15	Silverado Canyon	82-G			no paleo info			
14711	Orange	El Toro	465	16	Silverado Canyon	82-G			no paleo info			
14712	Orange	El Toro	465	17	Silverado Canyon	82-G			no paleo info			
14713	Orange	El Toro	465	18	Silverado Canyon	82-G			no paleo info			
14714	Orange	El Toro	465	19	Silverado Canyon	82-G			no paleo info			
14715	Orange	El Toro	465	20	Silverado Canyon	82-G			no paleo info			
14716	Orange	El Toro	465	21	Silverado Canyon	82-G			no paleo info			
14717	Orange	El Toro	465	22	Silverado Canyon	82-G			no paleo info			
14718	Orange	El Toro	465	23	Silverado Canyon	82-G			no paleo info			
14719	Orange	El Toro	465	24	Silverado Canyon	82-G			no paleo info			
14720	Orange	El Toro	465	25	Silverado Canyon	82-G			no paleo info			
14721	Orange	El Toro	465	26	Silverado Canyon	82-G			no paleo info			
14722	Orange	El Toro	465	27	Silverado Canyon	82-G			no paleo info			
14723	Stanislaus	Orestimba Peak	466	1	Orestimba Creek	108-L	Orestimba 15'		U Cret C/D-1			
14724	Stanislaus	Orestimba Peak	466	G	Orestimba Creek	108-L	Orestimba 15'		U Cret D-1 zone			
14725	Stanislaus	Orestimba Peak	466	5	Orestimba Creek	108-L	Orestimba 15'		not diagnostic			
14726	Stanislaus	Orestimba Peak	466	10	Orestimba Creek	108-L	Orestimba 15'		U Cret D zone			
14727	Stanislaus	Orestimba Peak	466	10A	Orestimba Creek	108-L	Orestimba 15'		U Cret D-2 zone			
14728	Stanislaus	Orestimba Peak	466	32	Orestimba Creek	108-L	Orestimba 15'		barren			
14729	Orange	Santiago Peak	466	4	Modjeska (town)	73-K		Holtz sh	no paleo info			
14730	Orange	Santiago Peak	466	5	Modjeska (town)	73-K		Holtz sh	no paleo info			
14731	Orange	Santiago Peak	466	6	Modjeska (town)	73-K		Holtz sh	no paleo info			
14732	Orange	Santiago Peak	466	7	Modjeska (town)	73-K			no paleo info			
14733	Orange	Santiago Peak	466	8	Modjeska (town)	73-K			no paleo info			
14734	Orange	Santiago Peak	466	9	Modjeska (town)	73-K			no paleo info			
14735	Orange	Santiago Peak	466	10	Modjeska (town)	73-K			no paleo info			
14736	Orange	Santiago Peak	466	11	Modjeska (town)	73-K			no paleo info			
14737	Orange	Santiago Peak	466	12	Modjeska (town)	73-K			no paleo info			
14738	Orange	Santiago Peak	466	13	Modjeska (town)	73-K			no paleo info			
14739	Orange	Santiago Peak	466	14	Modjeska (town)	73-K			no paleo info			
14740	Orange	Santiago Peak	466	15	Modjeska (town)	73-K			no paleo info			
14741	Orange	Santiago Peak	466	16	Modjeska (town)	73-K			no paleo info			
14742	Orange	Santiago Peak	466	17	Modjeska (town)	73-K			no paleo info			
14743	Orange	Santiago Peak	466	18	Modjeska (town)	73-K			no paleo info			
14744	Los Angeles	Los Angeles	467	5	Lincoln Heights	56-L			Delmontian			
14745	Los Angeles	Los Angeles	467	15	Lincoln Heights	56-L			Delmontian			
14746	Los Angeles	Los Angeles	467	19	Lincoln Heights	56-L			Delmontian			
14747	Los Angeles	Los Angeles	467	20	Lincoln Heights	56-L			Delmontian			
14748	Los Angeles	Los Angeles	467	21	Lincoln Heights	56-L			Delmontian			
14749	Los Angeles	Los Angeles	467	22	Lincoln Heights	56-L			Delmontian			
14750	Los Angeles	Los Angeles	467	23	Lincoln Heights	56-L			Delmontian			
14751	Los Angeles	Los Angeles	467	23A	Lincoln Heights	56-L			Delmontian			
14752	Los Angeles	Los Angeles	467	23B	Lincoln Heights	56-L			Delmontian			
14753	Los Angeles	Los Angeles	467	24	Lincoln Heights	56-L			Delmontian			
14754	Los Angeles	Los Angeles	467	25	Lincoln Heights	56-L			Delmontian			
14755	Los Angeles	Los Angeles	467	25B	Lincoln Heights	56-L			Delmontian			
14756	Los Angeles	Los Angeles	467	26	Lincoln Heights	56-L			Delmontian			
14757	Los Angeles	Los Angeles	467	27	Lincoln Heights	56-L			Delmontian			
14758	Los Angeles	Canoga Park	468	34	South of Encino	60-I			no paleo info			
14759	Los Angeles	Canoga Park	468	34B	South of Encino	60-I			no paleo info			
14760	Los Angeles	Canoga Park	468	35	South of Encino	60-I			no paleo info			
14761	Los Angeles	Canoga Park	468	3J	South of Encino	60-I			no paleo info			
14762	Los Angeles	Canoga Park	468	12A	South of Encino	60-I			no paleo info			
14763	Los Angeles	Canoga Park	468	18	South of Encino	60-I			no paleo info			
14764	Stanislaus	Copper Mountain	468	2	Salado Creek	108-L			U Cret D zone	Seiden		
14765	Stanislaus	Copper Mountain	468	9	Salado Creek	108-L			not diagnostic			
14766	Stanislaus	Copper Mountain	468	10	Salado Creek	108-L			not diagnostic			
14767	Stanislaus	Copper Mountain	469	8	Del Puerto Canyon	108-M			not diagnostic			
14768	Stanislaus	Copper Mountain	469	9	Del Puerto Canyon	108-M			not diagnostic			
14769	Stanislaus	Copper Mountain	469	13	Del Puerto Canyon	108-M			Upper Cretaceous			
14770	Stanislaus	Copper Mountain	469	19	Del Puerto Canyon	108-M			Upper Cretaceous			
14771	Stanislaus	Copper Mountain	469	27	Del Puerto Canyon	108-M			barren			
14772	Stanislaus	Copper Mountain	469	36	Del Puerto Canyon	108-M			barren			
14773	Stanislaus	Patterson	469	43	Del Puerto Canyon	108-M			barren			
14774	Stanislaus	Patterson	469	49	Del Puerto Canyon	108-M			not diagnostic			
14775	Stanislaus	Patterson	469	50	Del Puerto Canyon	108-M			not diagnostic			
14776	Stanislaus	Patterson	469	52	Del Puerto Canyon	108-M			not diagnostic			
14777	Stanislaus	Patterson	469	54	Del Puerto Canyon	108-M			barren			
14778	Stanislaus	Vernalis	470	15	Ingram Creek	108-L			not diagnostic	Porter		
14779	Stanislaus	Vernalis	470	16	Ingram Creek	108-L			not diagnostic			
14780	Stanislaus	Vernalis	470	21	Ingram Creek	108-L			U Cret C/D-1 zone			
14781	San Joaquin	Lone Tree Creek	471	4	Hospital Creek	108-L			Upper Cretaceous			
14782	San Joaquin	Solyo	471	9	Hospital Creek	108-L			Upper Cretaceous			
14783	San Joaquin	Solyo	471	10A	Hospital Creek	108-L			not diagnostic			
14784	San Joaquin	Solyo	471	12	Hospital Creek	108-L			Upper Cretaceous			
14785	San Joaquin	Solyo	471	13	Hospital Creek	108-L			Upper Cretaceous			
14786	Los Angeles	Burbank	479	3A	SW corner quad	60-I	filed in # 416		no paleo info			
14787	Los Angeles	Canoga Park	480	4	Encino Reservoir	59-K	see loc #337 for		Lower Mohnian			
14788	Los Angeles	Canoga Park	480	4B	Encino Reservoir	59-K	strat column		Lower Mohnian			
14789	Los Angeles	Canoga Park	480	4C	Encino Reservoir	59-K			Lower Mohnian			
14790	Los Angeles	Canoga Park	480	5	Encino Reservoir	59-K			Lower Mohnian			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
14791	Los Angeles	Canoga Park	480	6	Encino Reservoir	59-K			Lower Mohnian			
14792	Los Angeles	Canoga Park	480	6A	Encino Reservoir	59-K			Lower Mohnian			
14793	Los Angeles	Canoga Park	480	6C	Encino Reservoir	59-K			Lower Mohnian			
14794	Los Angeles	Canoga Park	480	7	Encino Reservoir	59-K			Lower Mohnian			
14795	Los Angeles	Canoga Park	480	8	Encino Reservoir	59-K			Lower Mohnian			
14796	Los Angeles	Canoga Park	480	9	Encino Reservoir	59-K			Lower Mohnian			
14797	Los Angeles	Canoga Park	480	10	Encino Reservoir	59-K			Lower Mohnian			
14798	Los Angeles	Canoga Park	480	11	Encino Reservoir	59-K			Lower Mohnian			
14799	Los Angeles	Canoga Park	480	12	Encino Reservoir	59-K			Lower Mohnian			
14800	Los Angeles	Canoga Park	480	13	Encino Reservoir	59-K			Lower Mohnian			
14801	Los Angeles	Canoga Park	480	14A	Encino Reservoir	59-K			Lower Mohnian			
14802	Los Angeles	Canoga Park	480	15	Encino Reservoir	59-K			Middle Mohnian			
14803	Los Angeles	Canoga Park	480	16	Encino Reservoir	59-K			Middle Mohnian			
14804	Los Angeles	Canoga Park	480	16A	Encino Reservoir	59-K			Middle Mohnian			
14805	Los Angeles	Canoga Park	480	17	Encino Reservoir	59-K			Middle Mohnian			
14806	Los Angeles	Canoga Park	480	18	Encino Reservoir	59-K			Middle Mohnian			
14807	Los Angeles	Canoga Park	480	19	Encino Reservoir	59-K			Upper Mohnian			
14808	Los Angeles	Canoga Park	480	21	Encino Reservoir	59-K			Upper Mohnian			
14809	Los Angeles	Canoga Park	480	22	Encino Reservoir	59-K			Upper Mohnian			
14810	Los Angeles	Canoga Park	480	23	Encino Reservoir	59-K			Upper Mohnian			
14811	Los Angeles	Canoga Park	480	24	Encino Reservoir	59-K			Upper Mohnian			
14812	Los Angeles	Canoga Park	480	25	Encino Reservoir	59-K			Upper Mohnian			
14813	Los Angeles	Canoga Park	480	26	Encino Reservoir	59-K			Upper Mohnian			
14814	Los Angeles	Canoga Park	480	27	Encino Reservoir	59-K			Upper Mohnian			
14815	Los Angeles	Canoga Park	480	28	Encino Reservoir	59-K			Upper Mohnian			
14816	Los Angeles	Canoga Park	480	29	Encino Reservoir	59-K			Upper Mohnian			
14817	Los Angeles	Canoga Park	480	30	Encino Reservoir	59-K			Upper Mohnian			
14818	Los Angeles	Canoga Park	480	31	Encino Reservoir	59-K			Upper Mohnian			
14819	Los Angeles	Canoga Park	480	49	Encino Reservoir	59-M			Upper Mohnian			
14820	Fresno	Tumey Hills	482	1	type Lodo	61-J	The type Lodo is		no paleo info			
14821	Fresno	Tumey Hills	482	2	type Lodo	61-J	Paleocene and		no paleo info			
14822	Fresno	Tumey Hills	482	3	type Lodo	61-J	Eocene. Landsliding		no paleo info			
14823	Fresno	Tumey Hills	482	4	type Lodo	61-J	complicates		no paleo info			
14824	Fresno	Tumey Hills	482	5	type Lodo	61-J	measuring a		no paleo info			
14825	Fresno	Tumey Hills	482	6	type Lodo	61-J	section.		no paleo info			
14826	Fresno	Tumey Hills	482	7	type Lodo	61-J			no paleo info			
14827	Fresno	Tumey Hills	482	8	type Lodo	61-J			no paleo info			
14828	Fresno	Tumey Hills	482	9	type Lodo	61-J			no paleo info			
14829	Fresno	Tumey Hills	482	10	type Lodo	61-J			no paleo info			
14830	Fresno	Tumey Hills	482	11	type Lodo	61-J			no paleo info			
14831	Fresno	Tumey Hills	482	12	type Lodo	61-J			no paleo info			
14832	Fresno	Tumey Hills	482	13	type Lodo	61-J			no paleo info			
14833	Fresno	Tumey Hills	482	14	type Lodo	61-J			no paleo info			
14834	Fresno	Tumey Hills	482	15	type Lodo	61-J			no paleo info			
14835	Fresno	Tumey Hills	482	16	type Lodo	61-J			no paleo info			
14836	Fresno	Tumey Hills	482	17	type Lodo	61-J			no paleo info			
14837	Fresno	Tumey Hills	482	18	type Lodo	61-J			no paleo info			
14838	Fresno	Tumey Hills	482	19	type Lodo	61-J			no paleo info			
14839	Fresno	Tumey Hills	482	20	type Lodo	61-J			no paleo info			
14840	Fresno	Tumey Hills	482	21	type Lodo	61-J			no paleo info			
14841	Fresno	Tumey Hills	482	22	type Lodo	61-J			no paleo info			
14842	Fresno	Tumey Hills	482	23	type Lodo	61-J			no paleo info			
14843	Fresno	Tumey Hills	482	24	type Lodo	61-J			no paleo info			
14844	Fresno	Tumey Hills	482	25	type Lodo	61-J			no paleo info			
14845	Fresno	Tumey Hills	482	26	type Lodo	61-J			no paleo info			
14846	Fresno	Tumey Hills	482	27	type Lodo	61-J			no paleo info			
14847	Fresno	Tumey Hills	482	28	type Lodo	61-J			no paleo info			
14848	Fresno	Tumey Hills	482	29	type Lodo	61-J			no paleo info			
14849	Fresno	Tumey Hills	482	30	type Lodo	61-J			no paleo info			
14850	Fresno	Tumey Hills	482	31	type Lodo	61-J			no paleo info			
14851	Fresno	Tumey Hills	482	32	type Lodo	61-J			no paleo info			
14852	Fresno	Tumey Hills	482	33	type Lodo	61-J			no paleo info			
14853	Fresno	Tumey Hills	482	34	type Lodo	61-J			no paleo info			
14854	Fresno	Tumey Hills	482	35	type Lodo	61-J			no paleo info			
14855	Fresno	Tumey Hills	482	36	type Lodo	61-J			no paleo info			
14856	Fresno	Tumey Hills	482	37	type Lodo	61-J			no paleo info			
14857	Fresno	Tumey Hills	482	38	type Lodo	61-J			no paleo info			
14858	Fresno	Tumey Hills	482	39	type Lodo	61-J			no paleo info			
14859	Fresno	Tumey Hills	482	40	type Lodo	61-J			no paleo info			
14860	Fresno	Tumey Hills	482	41	type Lodo	61-J			no paleo info			
14861	Fresno	Tumey Hills	482	42	type Lodo	61-J			no paleo info			
14862	San Diego	San Luis Rey	486	1	SE part of quad	82-J	mounted slides		no paleo info			
14863	San Diego	San Luis Rey	486	2	SE part of quad	82-J	and dupes. Nice		no paleo info			
14864	San Diego	San Luis Rey	486	3	SE part of quad	82-J	faunas.		no paleo info			
14865	San Diego	San Luis Rey	486	4	SE part of quad	82-J			no paleo info			
14866	San Diego	San Luis Rey	486	5	SE part of quad	82-J			no paleo info			
14867	San Diego	San Luis Rey	486	6	SE part of quad	82-J			no paleo info			
14868	San Diego	San Luis Rey	486	7	SE part of quad	82-J			no paleo info			
14869	San Diego	San Luis Rey	486	8	SE part of quad	82-J			no paleo info			
14870	San Diego	San Luis Rey	486	9	SE part of quad	82-J			no paleo info			
14871	Kern	Oil Center	488		Canoas silt	A-7	not on map		Eocene			
14872	Mendocino	Saunders Reef	513	1	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
14873	Mendocino	Saunders Reef	513	2	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
14874	Mendocino	Saunders Reef	513	3	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
14875	Mendocino	Saunders Reef	513	4	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
15046	Mendocino	Saunders Reef	513	183	NE part of quad	B-10	Pt Arena 15'		Lower Zemorrian	Ortalda &		
15047	Mendocino	Saunders Reef	513	184	NE part of quad	B-10	Pt Arena 15'		Lower Zemorrian	Ortalda &		
15048	Mendocino	Saunders Reef	513	185	NE part of quad	B-10	Pt Arena 15'		not diagnostic	Ortalda &		
15049	Mendocino	Saunders Reef	513	187	NE part of quad	B-10	Pt Arena 15'		not diagnostic	Ortalda &		
15050	Mendocino	Saunders Reef	513	188	NE part of quad	B-10	Pt Arena 15'		not diagnostic	Ortalda &		
15051	Mendocino	Saunders Reef	513	188	NE part of quad	B-10	Pt Arena 15'		not diagnostic	Ortalda &		
15052	Mendocino	Saunders Reef	513	189	NE part of quad	B-10	Pt Arena 15'		not diagnostic	Ortalda &		
15053	Mendocino	Saunders Reef	513	190	NE part of quad	B-10	Pt Arena 15'		not diagnostic	Ortalda &		
15054	Mendocino	Saunders Reef	513	191	NE part of quad	B-10	Pt Arena 15'		not diagnostic	Ortalda &		
15055	Mendocino	Saunders Reef	513	192	NE part of quad	B-10	Pt Arena 15'		not diagnostic	Ortalda &		
15056	Mendocino	Saunders Reef	513	slide 1	NE part of quad	B-11	Pt Arena 15'		assemblage	Ortalda &		
15057	Mendocino	Saunders Reef	513	slide 2	NE part of quad	B-11	Pt Arena 15'		assemblage	Ortalda &		
15058	Mendocino	Saunders Reef	513	slide 3	NE part of quad	B-11	Pt Arena 15'		assemblage	Ortalda &		
15059	Mendocino	Saunders Reef	514	1	NE part of quad	B-11	Pt Arena 15'		Lower Zemorrian			
15060	Mendocino	Saunders Reef	514	2	NE part of quad	B-11	Pt Arena 15'		Lower Zemorrian			
15061	Mendocino	Saunders Reef	514	3	NE part of quad	B-11	Pt Arena 15'		Lower Zemorrian			
15062	Mendocino	Saunders Reef	514	4	NE part of quad	B-11	Pt Arena 15'		Lower Zemorrian			
15063	Mendocino	Point Arena	514	5	SE part of quad	B-11	Pt Arena 15'		Lower Zemorrian			
15064	Mendocino	Saunders Reef	514	1A	NE part of quad	B-14	Pt Arena 15'		Lower Zemorrian			
15065	Mendocino	Saunders Reef	514	1B	NE part of quad	B-14	Pt Arena 15'		Lower Zemorrian			
15066	Mendocino	Saunders Reef	514	2	NE part of quad	B-14	Pt Arena 15'		Lower Zemorrian			
15067	Mendocino	Saunders Reef	514	3	NE part of quad	B-14	Pt Arena 15'		Lower Zemorrian			
15068	Mendocino	Saunders Reef	514	4	NE part of quad	B-14	Pt Arena 15'		Lower Zemorrian			
15069	Mendocino	Point Arena	514	5	SE part of quad	B-14	Pt Arena 15'		Lower Zemorrian			
15070	Mendocino	Saunders Reef	515	1	NE part of quad	B-11	Pt Arena 15'		not diagnostic			
15071	Mendocino	Saunders Reef	515	2	NE part of quad	B-11	Pt Arena 15'		not diagnostic			
15072	Mendocino	Saunders Reef	515	3	NE part of quad	B-11	Pt Arena 15'		not diagnostic			
15073	Mendocino	Saunders Reef	515	4	NE part of quad	B-11	Pt Arena 15'		not diagnostic			
15074	Mendocino	Point Arena	515	5	SE part of quad	B-11	Pt Arena 15'		not diagnostic			
15075	Glenn	Stone Valley	517	2	Hoodoo Hills	152-B	Fruto 15'		U Cret	Amundson		
15076	Glenn	Stone Valley	517	4	Hoodoo Hills	152-B	Fruto 15'		poss L Cret	Amundson		
15077	Glenn	Stone Valley	517	7	Hoodoo Hills	152-B	Fruto 15'		L Cret J zone	Amundson		
15078	Glenn	Stone Valley	517	10	Hoodoo Hills	152-B	Fruto 15'		prob L Cret J zone	Amundson		
15079	Glenn	Fruto	517	11	Hoodoo Hills	152-B	Fruto 15'		not diagnostic	Amundson		
15080	Glenn	Fruto	517	12	Hoodoo Hills	152-B	Fruto 15'		not diagnostic	Amundson		
15081	Glenn	Fruto	517	13	Hoodoo Hills	152-B	Fruto 15'		prob U Cret I zone	Amundson		
15082	Glenn	Fruto	517	15	Fruto area	152-B	Fruto 15'		not diagnostic	Amundson		
15083	Glenn	Fruto	517	17	Fruto area	152-B	Fruto 15'		U Cret H zone	Amundson		
15084	Glenn	Fruto	517	18	Fruto area	152-B	Fruto 15'		not diagnostic	Amundson		
15085	Glenn	Fruto	517	19	Fruto area	152-B	Fruto 15'		not diagnostic	Amundson		
15086	Glenn	Fruto	517	21	Fruto area	152-B	Fruto 15'		prob U Cretaceous	Amundson		
15087	Glenn	Fruto	517	22	Fruto area	152-B	Fruto 15'		not diagnostic	Amundson		
15088	Glenn	Fruto	517	23	Fruto area	152-B	Fruto 15'		not diagnostic	Amundson		
15089	Glenn	Fruto	517	25	Fruto area	152-B	Fruto 15'		prob L Cret J zone	Amundson		
15090	Glenn	Fruto	517	27	Fruto area	152-B	Elk Creek		not diagnostic	Amundson		
15091	Glenn	Elk Creek	517	29	near Elk Ck town	152-B	Elk Creek 15'		L Cret K zone	Amundson		
15092	Glenn	Elk Creek	517	31	near Elk Ck town	152-B	Elk Creek 15'		not diagnostic	Amundson		
15093	Glenn	Elk Creek	517	32	Grindstone Ranch	152-B	Elk Creek 15'		L Cret K zone	Amundson		
15094	Glenn	Elk Creek	517	33	Grindstone Ranch	152-B	Elk Creek 15'		L Cret K zone	Amundson		
15095	Glenn	Elk Creek	517	34	Grindstone Ranch	152-B	Elk Creek 15'		L Cret K zone	Amundson		
15096	Glenn	Elk Creek	517	35	near Elk Ck town	152-B	Elk Creek 15'		Jurassic M zone	Amundson		
15097	Glenn	Elk Creek	517	36	Rd W from Elk Ck	152-B	Elk Creek 15'		not diagnostic	Amundson		
15098	Glenn	Elk Creek	517	37	Rd W from Elk Ck	152-B	Elk Creek 15'		prob Jur M zone	Amundson		
15099	Glenn	Elk Creek	517	40	Rd W from Elk Ck	152-B	Elk Creek 15'		not diagnostic	Amundson		
15100	Colusa	Lodoga	517	42	not found	152-B			not diagnostic	Amundson		
15101	Glenn	Stonyford	517	43	Stony Creek	152-B	Stonyford 15'		not diagnostic	Amundson		
15102	Colusa	Lodoga	517	45	Howard Creek	152-B	Lodoga 15'		L Cret J zone	Amundson		
15103	Colusa	Lodoga	517	48	Howard Creek	152-B	Lodoga 15'		prob L Cret J zone	Amundson		
15104	Colusa	Lodoga	517	49	Howard Creek	152-B	Lodoga 15'		prob L Cret J zone	Amundson		
15105	Colusa	Lodoga	517	52	Howard Creek	152-B	Lodoga 15'		L Cret J zone	Amundson		
15106	Glenn	Logan Ridge	517	53	Hunter Creek	152-B	Lodoga 15'		poss U Cretaceous	Amundson		
15107	Glenn	Logan Ridge	517	54	Hunter Creek	152-B	Lodoga 15'		poss U Cretaceous	Amundson		
15108	Glenn	Logan Ridge	517	55	Hunter Creek	152-B	Lodoga 15'		not diagnostic	Amundson		
15109	Glenn	Logan Ridge	517	56	Hunter Creek	152-B	Lodoga 15'		not diagnostic	Amundson		
15110	Glenn	Logan Ridge	517	57	Hunter Creek	152-B	Lodoga 15'		L Cret J zone	Amundson		
15111	Glenn	Logan Ridge	517	58	Hunter Creek	152-C	Lodoga 15'		L Cret J zone	Amundson		
15112	Glenn	Logan Ridge	517	59	Hunter Creek	152-C	Lodoga 15'		L Cret J zone	Amundson		
15113	Glenn	Logan Ridge	517	60	Hunter Creek	152-C	Lodoga 15'		not diagnostic	Amundson		
15114	Contra Costa	Byron Hot Springs	519	2A	Byron Creek	222-1	17/1S/3E but		Eocene?			
15115	Contra Costa	Byron Hot Springs	519	2B	Byron Creek	222-1	not on map		Eocene B-4/C			
15116	Contra Costa	Byron Hot Springs	519	8	Byron Creek	222-1	not on map		Cretaceous			
15117	Contra Costa	Byron Hot Springs	519	9	Byron Creek	222-1	not on map		U Cret D-1 zone			
15118	Contra Costa	Byron Hot Springs	519	10RW	Byron Creek	222-1	not on map		not diagnostic			
15119	Contra Costa	Byron Hot Springs	519	11RW	Byron Creek	222-1	not on map		U Cret D-1 zone			
15120	Contra Costa	Byron Hot Springs	519	12RW	Byron Creek	222-1	not on map		U Cret D-1 zone			
15121	Contra Costa	Byron Hot Springs	519	14RW	Byron Creek	222-1	not on map		no paleo info			
15122	Contra Costa	Byron Hot Springs	519	15	Byron Creek	222-1	not on map	auger	Cretaceous			
15123	Contra Costa	Byron Hot Springs	519	15RW	Byron Creek	222-1	not on map		prob U Cret D-2			
15124	Contra Costa	Byron Hot Springs	519	16	Byron Creek	222-1	not on map		Cretaceous			
15125	Contra Costa	Byron Hot Springs	519	18RW	Byron Creek	222-1	not on map		not diagnostic			
15126	Contra Costa	Byron Hot Springs	519	19RW	Byron Creek	222-1	not on map		not diagnostic			
15127	Contra Costa	Byron Hot Springs	519	20	Byron Creek	222-1	not on map		Cretaceous			
15128	Contra Costa	Byron Hot Springs	519	20RW	Byron Creek	222-1	not on map		Cretaceous			
15129	Contra Costa	Byron Hot Springs	519	21	Byron Creek	222-1	not on map		Cretaceous			
15130	Contra Costa	Byron Hot Springs	519	24RW	Byron Creek	222-1	not on map		no paleo info			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
15131	Contra Costa	Byron Hot Springs	519	26	Byron Creek	222-I	not on map		Cretaceous			
15132	Contra Costa	Byron Hot Springs	519	27RW	Byron Creek	222-I	not on map		no paleo info			
15133	Contra Costa	Byron Hot Springs	519	28	Byron Creek	222-I	not on map		U Cret G-1 zone			
15134	Contra Costa	Byron Hot Springs	519	28.5	Byron Creek	222-I	not on map		no paleo info			
15135	Contra Costa	Byron Hot Springs	519	29	Byron Creek	222-I	not on map		Upper Cretaceous?			
15136	Contra Costa	Byron Hot Springs	519	30	Byron Creek	222-I	not on map		barren			
15137	Contra Costa	Byron Hot Springs	519	31	Byron Creek	222-I	not on map		barren			
15138	Contra Costa	Byron Hot Springs	519	32	Byron Creek	222-I	not on map		Upper Cretaceous?			
15139	Contra Costa	Byron Hot Springs	519	34	Byron Creek	222-I	not on map		U Cret F-2 zone			
15140	Contra Costa	Byron Hot Springs	519	35	Byron Creek	222-I	not on map		U Cret F-2 zone			
15141	Contra Costa	Byron Hot Springs	519	36	Byron Creek	222-I	not on map		Cretaceous			
15142	Contra Costa	Byron Hot Springs	519	37	Byron Creek	222-I	not on map		Upper Cret F/G			
15143	Contra Costa	Byron Hot Springs	519	38	Byron Creek	222-I	not on map		Upper Cret F/G			
15144	Contra Costa	Byron Hot Springs	519	40	Byron Creek	222-I	not on map		U Cret F-2 zone			
15145	Contra Costa	Byron Hot Springs	519	43	Byron Creek	222-I	not on map		Cretaceous			
15146	Contra Costa	Byron Hot Springs	519	44	Byron Creek	222-I	not on map		Cretaceous			
15147	Contra Costa	Byron Hot Springs	519	45	Byron Creek	222-I	not on map		U Cret G zone			
15148	Contra Costa	Byron Hot Springs	519	46	Byron Creek	222-I	not on map		not diagnostic			
15149	Contra Costa	Byron Hot Springs	519	47	Byron Creek	222-I	not on map		Cretaceous			
15150	Contra Costa	Byron Hot Springs	519	50	Byron Creek	222-I	not on map		Cretaceous			
15151	Contra Costa	Byron Hot Springs	519	51	Byron Creek	222-I	not on map		Cretaceous			
15152	Contra Costa	Byron Hot Springs	519	52	Byron Creek	222-I	not on map		Cretaceous			
15153	Contra Costa	Byron Hot Springs	519	54	Byron Creek	222-I	not on map		Cretaceous			
15154	Contra Costa	Byron Hot Springs	519	55	Byron Creek	222-I	not on map		Cretaceous			
15155	Santa Barbara	Santa Barbara	520	1	Flores Flat	59-L			Narizian			
15156	Santa Barbara	Santa Barbara	520	2	Flores Flat	59-L			Narizian			
15157	Santa Barbara	Santa Barbara	520	3	Flores Flat	59-L			Narizian			
15158	Santa Barbara	Santa Barbara	520	4	Flores Flat	59-L			Narizian			
15159	Santa Barbara	Santa Barbara	520	5	Flores Flat	59-L			Narizian			
15160	Santa Barbara	Santa Barbara	520	6	Flores Flat	59-L			Narizian			
15161	Santa Barbara	Santa Barbara	520	7	Flores Flat	59-L			Narizian			
15162	Santa Barbara	Santa Barbara	520	8	Flores Flat	59-L			Narizian			
15163	Santa Barbara	Santa Ynez	521	1	Refugio Pass area	59-M			no paleo info			
15164	Santa Barbara	Santa Ynez	521	2	Refugio Pass area	59-M			no paleo info			
15165	Santa Barbara	Santa Ynez	521	3	Refugio Pass area	59-M			no paleo info			
15166	Santa Barbara	Santa Ynez	521	4	Refugio Pass area	59-M			no paleo info			
15167	Santa Barbara	Carpenteria	522	2	NW part of quad	59-M			no paleo info			
15168	Santa Barbara	Carpenteria	522	3	NW part of quad	59-M			no paleo info			
15169	Santa Barbara	Carpenteria	522	4	NW part of quad	59-M			no paleo info			
15170	Santa Barbara	Carpenteria	522	6	NW part of quad	59-M			no paleo info			
15171	Santa Barbara	Carpenteria	522	7	NW part of quad	59-M			no paleo info			
15172	Santa Barbara	Carpenteria	522	8	NW part of quad	59-M			no paleo info			
15173	San Diego	La Jolla	523	1	La Jolla	82-E	La Jolla cliffs	All Cret??	no paleo info			
15174	San Diego	La Jolla	523	2	La Jolla	82-E	La Jolla cliffs		no paleo info			
15175	San Diego	La Jolla	523	3U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15176	San Diego	La Jolla	523	3L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15177	San Diego	La Jolla	523	4U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15178	San Diego	La Jolla	523	4L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15179	San Diego	La Jolla	523	4LRW	La Jolla	82-E	La Jolla cliffs		no paleo info			
15180	San Diego	La Jolla	523	5	La Jolla	82-E	La Jolla cliffs		no paleo info			
15181	San Diego	La Jolla	523	6U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15182	San Diego	La Jolla	523	6L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15183	San Diego	La Jolla	523	6URW	La Jolla	82-E	La Jolla cliffs		no paleo info			
15184	San Diego	La Jolla	523	7U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15185	San Diego	La Jolla	523	7L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15186	San Diego	La Jolla	523	8U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15187	San Diego	La Jolla	523	8L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15188	San Diego	La Jolla	523	*9-1	La Jolla	82-E	La Jolla cliffs		no paleo info			
15189	San Diego	La Jolla	523	*9-2	La Jolla	82-E	La Jolla cliffs		no paleo info			
15190	San Diego	La Jolla	523	10U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15191	San Diego	La Jolla	523	10L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15192	San Diego	La Jolla	523	11L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15193	San Diego	La Jolla	523	12L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15194	San Diego	La Jolla	523	*13-1	La Jolla	82-E	La Jolla cliffs		no paleo info			
15195	San Diego	La Jolla	523	*13-2	La Jolla	82-E	La Jolla cliffs		no paleo info			
15196	San Diego	La Jolla	523	14U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15197	San Diego	La Jolla	523	14L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15198	San Diego	La Jolla	523	14RW	La Jolla	82-E	La Jolla cliffs		no paleo info			
15199	San Diego	La Jolla	523	15U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15200	San Diego	La Jolla	523	15L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15201	San Diego	La Jolla	523	15URW	La Jolla	82-E	La Jolla cliffs		no paleo info			
15202	San Diego	La Jolla	523	15LRW	La Jolla	82-E	La Jolla cliffs		no paleo info			
15203	San Diego	La Jolla	523	16U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15204	San Diego	La Jolla	523	16L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15205	San Diego	La Jolla	523	17U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15206	San Diego	La Jolla	523	17L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15207	San Diego	La Jolla	523	18U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15208	San Diego	La Jolla	523	18L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15209	San Diego	La Jolla	523	19U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15210	San Diego	La Jolla	523	19L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15211	San Diego	La Jolla	523	20U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15212	San Diego	La Jolla	523	20L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15213	San Diego	La Jolla	523	21U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15214	San Diego	La Jolla	523	21L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15215	San Diego	La Jolla	523	22U	La Jolla	82-E	La Jolla cliffs		no paleo info			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
15216	San Diego	La Jolla	523	22L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15217	San Diego	La Jolla	523	22URW	La Jolla	82-E	La Jolla cliffs		no paleo info			
15218	San Diego	La Jolla	523	24U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15219	San Diego	La Jolla	523	24L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15220	San Diego	La Jolla	523	25U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15221	San Diego	La Jolla	523	25L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15222	San Diego	La Jolla	523	26U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15223	San Diego	La Jolla	523	26L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15224	San Diego	La Jolla	523	27U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15225	San Diego	La Jolla	523	27L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15226	San Diego	La Jolla	523	28U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15227	San Diego	La Jolla	523	28L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15228	San Diego	La Jolla	523	28URW	La Jolla	82-E	La Jolla cliffs		no paleo info			
15229	San Diego	La Jolla	523	28LRW	La Jolla	82-E	La Jolla cliffs		no paleo info			
15230	San Diego	La Jolla	523	29U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15231	San Diego	La Jolla	523	29L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15232	San Diego	La Jolla	523	29LRW	La Jolla	82-E	La Jolla cliffs		no paleo info			
15233	San Diego	La Jolla	523	30U	La Jolla	82-E	La Jolla cliffs		no paleo info			
15234	San Diego	La Jolla	523	30L	La Jolla	82-E	La Jolla cliffs		no paleo info			
15235	San Diego	La Jolla	523	30URW	La Jolla	82-F	La Jolla cliffs		no paleo info			
15236	San Diego	La Jolla	523	30LRW	La Jolla	82-F	La Jolla cliffs		no paleo info			
15237	San Diego	La Jolla	523	31U	La Jolla	82-F	La Jolla cliffs		no paleo info			
15238	San Diego	La Jolla	523	31L	La Jolla	82-F	La Jolla cliffs		no paleo info			
15239	San Diego	La Jolla	523	31LRW	La Jolla	82-F	La Jolla cliffs		no paleo info			
15240	San Diego	La Jolla	523	32L	La Jolla	82-F	La Jolla cliffs		no paleo info			
15241	San Diego	La Jolla	523	32U	La Jolla	82-F	La Jolla cliffs		no paleo info			
15242	San Diego	La Jolla	523	32LRW	La Jolla	82-F	La Jolla cliffs		no paleo info			
15243	San Diego	La Jolla	523	33L	La Jolla	82-F	La Jolla cliffs		no paleo info			
15244	San Diego	La Jolla	523	33U	La Jolla	82-F	La Jolla cliffs		no paleo info			
15245	Santa Barbara	Santa Ynez	524	1	C Capitan Lodge R	60-M		Los Olivos 15'	Paleocene?			
15246	Santa Barbara	Santa Ynez	524	2	C Capitan Lodge R	60-M		Los Olivos 15'	Paleocene?			
15247	Santa Barbara	Santa Ynez	524	3	C Capitan Lodge R	60-M		Los Olivos 15'	Paleocene?			
15248	Santa Barbara	Santa Ynez	524	4	C Capitan Lodge R	60-M		Los Olivos 15'	Paleocene?			
15249	Santa Barbara	Santa Ynez	524	6	C Capitan Lodge R	60-M		Los Olivos 15'	Paleocene?			
15250	Santa Barbara	Santa Ynez	524	7	C Capitan Lodge R	60-M		Los Olivos 15'	Paleocene?			
15251	Santa Barbara	Santa Ynez	524	8	C Capitan Lodge R	60-M		Los Olivos 15'	Paleocene?			
15252	Santa Barbara	Santa Ynez	524	9	C Capitan Lodge R	60-M		Los Olivos 15'	Paleocene?			
15253	Santa Barbara	Santa Barbara	525	1	Flores Flat	60-M			Narizian?			
15254	Santa Barbara	Santa Barbara	525	2	Flores Flat	60-M			Narizian?			
15255	Santa Barbara	Santa Barbara	525	3	Flores Flat	60-M			Narizian?			
15256	Santa Barbara	Santa Barbara	525	4	Flores Flat	60-M			Narizian?			
15257	Santa Barbara	Santa Barbara	525	5	Flores Flat	60-M			Narizian?			
15258	Santa Barbara	Santa Barbara	525	6	Flores Flat	60-M			Narizian?			
15259	San Diego	Point Loma	526	1	Pt Loma area	82-D			no paleo info			
15260	San Diego	Point Loma	526	slide 1	Pt Loma area	82-G			no paleo info			
15261	San Diego	Point Loma	526	2	Pt Loma area	82-D			no paleo info			
15262	San Diego	Point Loma	526	3	Pt Loma area	82-D			no paleo info			
15263	San Diego	Point Loma	526	4	Pt Loma area	82-D			no paleo info			
15264	San Diego	Point Loma	526	5	Pt Loma area	82-D			no paleo info			
15265	San Diego	Point Loma	526	6	Pt Loma area	82-D			no paleo info			
15266	San Diego	Point Loma	526	7	Pt Loma area	82-D			no paleo info			
15267	San Diego	Point Loma	526	slide 7	Pt Loma area	82-G			no paleo info			
15268	San Diego	Point Loma	526	8	Pt Loma area	82-D			no paleo info			
15269	San Diego	Point Loma	526	9	Pt Loma area	82-D			no paleo info			
15270	San Diego	Point Loma	526	10	Pt Loma area	82-D			no paleo info			
15271	San Diego	Point Loma	526	11	Pt Loma area	82-D			no paleo info			
15272	San Diego	Point Loma	526	12	Pt Loma area	82-D			no paleo info			
15273	San Diego	Point Loma	526	13	Pt Loma area	82-D			no paleo info			
15274	San Diego	Point Loma	526	14	Pt Loma area	82-D			no paleo info			
15275	San Diego	Point Loma	526	slide 14	Pt Loma area	82-G			no paleo info			
15276	San Diego	Point Loma	526	15	Pt Loma area	82-D			no paleo info			
15277	San Diego	Point Loma	526	16	Pt Loma area	82-D			no paleo info			
15278	San Diego	Point Loma	526	17	Pt Loma area	82-D			no paleo info			
15279	San Diego	Point Loma	526	18	Pt Loma area	82-D			no paleo info			
15280	San Diego	Point Loma	526	19	Pt Loma area	82-D			no paleo info			
15281	San Diego	Point Loma	526	20	Pt Loma area	82-D			no paleo info			
15282	San Diego	Point Loma	526	21	Pt Loma area	82-G			no paleo info			
15283	San Diego	Point Loma	526	slide 21	Pt Loma area	82-D			no paleo info			
15284	San Diego	Point Loma	526	22	Pt Loma area	82-D			no paleo info			
15285	San Diego	Point Loma	526	slide 22	Pt Loma area	82-G			no paleo info			
15286	San Diego	Point Loma	526	23	Pt Loma area	82-D			no paleo info			
15287	Santa Barbara	Lompos Hills	530	2	Jalama area	82-I			no paleo info			
15288	Santa Barbara	Lompos Hills	530	3	Jalama area	82-I			no paleo info			
15289	Santa Barbara	Lompos Hills	530	slide 3	Jalama area	82-I			no paleo info			
15290	Santa Barbara	Lompos Hills	530	4	Jalama area	82-I			no paleo info			
15291	Santa Barbara	Lompos Hills	530	slide 4	Jalama area	82-I			no paleo info			
15292	Santa Barbara	Lompos Hills	530	slide 4	Jalama area	82-I			no paleo info			
15293	Santa Barbara	Lompos Hills	530	5	Jalama area	82-I			no paleo info			
15294	Santa Barbara	Lompos Hills	530	6	Jalama area	82-I			no paleo info			
15295	Santa Barbara	Lompos Hills	530	7	Jalama area	82-I			no paleo info			
15296	Santa Barbara	Lompos Hills	530	8	Jalama area	82-I			no paleo info			
15297	Santa Barbara	Lompos Hills	530	slide 8	Jalama area	82-I			no paleo info			
15298	Santa Barbara	Lompos Hills	530	slide 8	Jalama area	82-I			no paleo info			
15299	Santa Barbara	Lompos Hills	530	9	Jalama area	82-I			no paleo info			
15300	Santa Barbara	Lompos Hills	530	10	Jalama area	82-I			no paleo info			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5 QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
15301	Los Angeles	Whittier	557	1	Turnbull Canyon	62-B						no age provided
15302	Los Angeles	Whittier	557	2	Turnbull Canyon	62-B						no age provided
15303	Los Angeles	Whittier	557	3	Turnbull Canyon	62-B						no age provided
15304	Los Angeles	Whittier	557	4	Turnbull Canyon	62-B						no age provided
15305	Los Angeles	Whittier	557	5	Turnbull Canyon	62-B						no age provided
15306	Los Angeles	Whittier	557	6	Turnbull Canyon	62-B						no age provided
15307	Los Angeles	Whittier	557	7	Turnbull Canyon	62-B						no age provided
15308	Los Angeles	Whittier	557	8	Turnbull Canyon	62-B						no age provided
15309	Los Angeles	Whittier	557	9	Turnbull Canyon	62-B						no age provided
15310	Los Angeles	Whittier	557	10	Turnbull Canyon	62-B						no age provided
15311	Ventura	White Ledge Peak	559	2	Los Sauces Creek	64-I						no paleo info
15312	Ventura	White Ledge Peak	559	13	Los Sauces Creek	64-I						no paleo info
15313	Ventura	White Ledge Peak	559	14	Los Sauces Creek	64-I						no paleo info
15314	Ventura	White Ledge Peak	559	15	Los Sauces Creek	64-I						no paleo info
15315	Ventura	White Ledge Peak	559	16	Los Sauces Creek	64-I						no paleo info
15316	Ventura	White Ledge Peak	559	17	Los Sauces Creek	64-I						no paleo info
15317	Ventura	White Ledge Peak	559	17	Los Sauces Creek	64-I						no paleo info
15318	Ventura	White Ledge Peak	559	18	Los Sauces Creek	64-I						no paleo info
15319	Ventura	White Ledge Peak	559	19	Los Sauces Creek	64-I						no paleo info
15320	Ventura	White Ledge Peak	559	20	Los Sauces Creek	64-I						no paleo info
15321	Ventura	White Ledge Peak	559	20	Los Sauces Creek	64-I						no paleo info
15322	Ventura	White Ledge Peak	559	21	Los Sauces Creek	64-I						no paleo info
15323	Ventura	White Ledge Peak	559	22	Los Sauces Creek	64-I						no paleo info
15324	Ventura	White Ledge Peak	559	22	Los Sauces Creek	64-I						no paleo info
15325	Ventura	White Ledge Peak	559	23	Los Sauces Creek	64-I						no paleo info
15326	Ventura	White Ledge Peak	559	24	Los Sauces Creek	64-I						no paleo info
15327	Ventura	White Ledge Peak	559	25	Los Sauces Creek	64-I						no paleo info
15328	Ventura	White Ledge Peak	559	26	Los Sauces Creek	64-I						no paleo info
15329	Ventura	White Ledge Peak	559	26	Los Sauces Creek	64-I						no paleo info
15330	Ventura	White Ledge Peak	559	27	Los Sauces Creek	64-I						no paleo info
15331	Ventura	White Ledge Peak	559	27	Los Sauces Creek	64-I						no paleo info
15332	Ventura	White Ledge Peak	559	28	Los Sauces Creek	64-I						no paleo info
15333	Ventura	White Ledge Peak	559	28	Los Sauces Creek	64-I						no paleo info
15334	Ventura	White Ledge Peak	559	29	Los Sauces Creek	64-I						no paleo info
15335	Ventura	White Ledge Peak	559	29	Los Sauces Creek	64-I						no paleo info
15336	Ventura	White Ledge Peak	559	30	Los Sauces Creek	64-I						no paleo info
15337	Ventura	White Ledge Peak	559	30	Los Sauces Creek	64-I						no paleo info
15338	Ventura	White Ledge Peak	559	31	Los Sauces Creek	64-I						no paleo info
15339	Ventura	White Ledge Peak	559	31	Los Sauces Creek	64-I						no paleo info
15340	Ventura	White Ledge Peak	559	32	Los Sauces Creek	64-I						no paleo info
15341	San Bernardino	Yorba Linda	560	1	Carbon Canyon	62-B	see also LA	Beverly Hills				Middle Mohnian
15342	San Bernardino	Yorba Linda	560	2	Carbon Canyon	62-B						Middle Mohnian
15343	San Bernardino	Yorba Linda	560	3	Carbon Canyon	62-B						Middle Mohnian
15344	San Bernardino	Yorba Linda	560	4	Carbon Canyon	62-B						Middle Mohnian
15345	San Bernardino	Yorba Linda	560	5	Carbon Canyon	62-B						Middle Mohnian
15346	San Bernardino	Yorba Linda	560	6	Carbon Canyon	62-B						Middle Mohnian
15347	San Bernardino	Yorba Linda	560	7	Carbon Canyon	62-B						Middle Mohnian
15348	San Bernardino	Yorba Linda	560	8	Carbon Canyon	62-B						Middle Mohnian
15349	San Bernardino	Yorba Linda	560	9	Carbon Canyon	62-B						Upper Mohnian
15350	San Bernardino	Yorba Linda	560	10	Carbon Canyon	62-B						Upper Mohnian
15351	San Bernardino	Yorba Linda	560	11	Carbon Canyon	62-B						Upper Mohnian
15352	San Bernardino	Yorba Linda	560	12	Carbon Canyon	62-B						Upper Mohnian
15353	San Bernardino	Yorba Linda	560	13	Carbon Canyon	62-B						Upper Mohnian
15354	San Bernardino	Yorba Linda	560	15	Carbon Canyon	62-B						Upper Mohnian
15355	San Bernardino	Yorba Linda	560	17	Carbon Canyon	62-B						Upper Mohnian
15356	San Bernardino	Yorba Linda	560	18	Carbon Canyon	62-B						Upper Mohnian
15357	San Bernardino	Yorba Linda	560	19	Carbon Canyon	62-B						Upper Mohnian
15358	San Bernardino	Yorba Linda	560	20	Carbon Canyon	62-B						Upper Mohnian
15359	San Bernardino	Yorba Linda	560	21	Carbon Canyon	62-B						Upper Mohnian
15360	San Bernardino	Yorba Linda	560	22	Carbon Canyon	62-B						Upper Mohnian
15361	San Bernardino	Yorba Linda	560	23	Carbon Canyon	62-B						Upper Mohnian
15362	San Bernardino	Yorba Linda	560	24	Carbon Canyon	62-B						Upper Mohnian
15363	San Bernardino	Yorba Linda	560	25	Carbon Canyon	62-B						Upper Mohnian
15364	San Bernardino	Prado Dam	560	26	Carbon Canyon	62-B						Upper Mohnian
15365	San Bernardino	Prado Dam	560	27	Carbon Canyon	62-B						Upper Mohnian
15366	San Bernardino	Prado Dam	560	28	Carbon Canyon	62-B						Upper Mohnian
15367	San Bernardino	Prado Dam	560	29	Carbon Canyon	62-B						Upper Mohnian
15368	San Bernardino	Prado Dam	560	30	Carbon Canyon	62-B						Upper Mohnian
15369	San Bernardino	Prado Dam	560	31	Carbon Canyon	62-B						Upper Mohnian
15370	Kern	Shale Point	566		Shale Point	A-7						Upper Miocene
15371	Ventura	San Nicholas Island	567	4	not on map	104-F						Lower Eocene
15372	Ventura	San Nicholas Island	567	5	not on map	104-F	Have strat column					Lower Eocene
15373	Ventura	San Nicholas Island	567	6	not on map	104-F	and nanno ages					Lower Eocene
15374	Ventura	San Nicholas Island	567	7	not on map	104-F						Lower Eocene
15375	Ventura	San Nicholas Island	567	8	not on map	104-F						Lower Eocene
15376	Los Angeles	Beverly Hills	570	7	Mulholland Drive	62-I						not diagnostic
15377	Los Angeles	Van Nuys	570	8	Mulholland Drive	62-I						Miocene
15378	Los Angeles	Van Nuys	570	9	Mulholland Drive	62-I						Miocene
15379	Los Angeles	Van Nuys	570	10	Mulholland Drive	62-I						Miocene
15380	Los Angeles	Van Nuys	570	11	Mulholland Drive	62-I						Miocene
15381	Los Angeles	Van Nuys	570	12A	Mulholland Drive	62-I						Miocene
15382	Los Angeles	Van Nuys	570	13	Mulholland Drive	62-I						Miocene
15383	Los Angeles	Van Nuys	570	14A	Mulholland Drive	62-I						Miocene
15384	Los Angeles	Van Nuys	570	16A	Mulholland Drive	62-I						Miocene
15385	Los Angeles	Van Nuys	570	16B	Mulholland Drive	62-I						Miocene

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
15386	Los Angeles	Van Nuys	570	17A	Mulholland Drive	62-I			Miocene			
15387	Los Angeles	Van Nuys	570	17B	Mulholland Drive	62-I			barren			
15388	Los Angeles	Van Nuys	570	18A	Mulholland Drive	62-I			Luisian			
15389	Los Angeles	Van Nuys	570	19	Mulholland Drive	62-I			not diagnostic			
15390	Los Angeles	Van Nuys	571	4	Coldwater Canyon	62-C			Luisian			
15391	Los Angeles	Burbank	572	1	Griffith Park	62-H			Miocene			
15392	Los Angeles	Burbank	572	29	Griffith Park	62-H			Luisian			
15393	Los Angeles	Burbank	572	31	Griffith Park	62-H			Luisian			
15394	Los Angeles	Burbank	572	32	Griffith Park	62-H			Luisian			
15395	Los Angeles	Burbank	572	34	Griffith Park	62-H			Luisian			
15396	Los Angeles	Burbank	572	35	Griffith Park	62-H			Luisian			
15397	Fresno	Domengine Ranch	573		NW part of quad	A-7	Joaquin Rocks 15	Leda zone	no paleo info			
15398	Fresno	Alcalde Hills	578		Coalmine Cyn ?	A-6	not on map	great planktics	no paleo info			
15399	Fresno	Alcalde Hills	579		Coalmine Cyn ?	A-6	not on map	great planktics	no paleo info			
15400	Fresno	Domengine Ranch	583		WC part of quad?	A-7	not on map		Eocene			
15401	Fresno	Domengine Ranch	584		WC part of quad	A-7	Joaquin Rocks 15	Moreno	Cretaceous			
15402	San Luis Obispo	York Mountain	585	1	Cayucos Road	65-I			prob Zemorrian			
15403	San Luis Obispo	York Mountain	585	2	Cayucos Road	65-I			prob Zemorrian			
15404	San Luis Obispo	York Mountain	585	3	Cayucos Road	65-I			prob Zemorrian			
15405	San Luis Obispo	York Mountain	585	4	Cayucos Road	65-I			prob Zemorrian			
15406	San Luis Obispo	York Mountain	585	5	Cayucos Road	65-I			prob Zemorrian			
15407	San Luis Obispo	York Mountain	585	6	Cayucos Road	65-I			prob Zemorrian			
15408	San Luis Obispo	York Mountain	585	7	Cayucos Road	65-I			prob Zemorrian			
15409	San Luis Obispo	York Mountain	585	8	Cayucos Road	65-I			prob Zemorrian			
15410	San Luis Obispo	York Mountain	585	9	Cayucos Road	65-I			prob Zemorrian			
15411	San Luis Obispo	York Mountain	585	10	Cayucos Road	65-I			prob Zemorrian			
15412	San Luis Obispo	York Mountain	585	11	Cayucos Road	65-I			prob Zemorrian			
15413	San Luis Obispo	York Mountain	585	12	Cayucos Road	65-I			prob Zemorrian			
15414	San Luis Obispo	York Mountain	585	13	Cayucos Road	65-I			prob Zemorrian			
15415	San Luis Obispo	York Mountain	585	14	Cayucos Road	65-I			prob Zemorrian			
15416	Santa Barbara	Twitchell Dam	588	1	SE part of quad	64-I			barren			
15417	Santa Barbara	Twitchell Dam	588	2	SE part of quad	64-I			barren			
15418	Santa Barbara	Twitchell Dam	588	3	SE part of quad	64-I			Luisian			
15419	Santa Barbara	Twitchell Dam	588	5	SE part of quad	64-I			Miocene			
15420	Santa Barbara	Twitchell Dam	588	9	SE part of quad	64-I			Miocene			
15421	Santa Barbara	Twitchell Dam	588	10	SE part of quad	64-I			Miocene			
15422	Santa Barbara	Twitchell Dam	588	11	SE part of quad	64-I			Miocene			
15423	Santa Barbara	Twitchell Dam	588	14	SE part of quad	64-I			not diagnostic			
15424	Los Angeles	Whittier	597	1	Trunbull Canyon	73-M			not diagnostic			
15425	Los Angeles	Whittier	597	2	Trunbull Canyon	73-M			barren			
15426	Los Angeles	Whittier	597	3	Trunbull Canyon	73-M			barren			
15427	Los Angeles	Whittier	597	4	Trunbull Canyon	73-M			barren			
15428	Los Angeles	Whittier	597	4A	Trunbull Canyon	73-M			barren			
15429	Los Angeles	Whittier	597	5	Trunbull Canyon	73-M			barren			
15430	Los Angeles	Whittier	597	6	Trunbull Canyon	73-M			barren			
15431	Los Angeles	Whittier	597	8	Trunbull Canyon	73-M			barren			
15432	Los Angeles	Whittier	597	9	Trunbull Canyon	73-M			not diagnostic			
15433	Los Angeles	Whittier	597	10	Trunbull Canyon	73-M			barren			
15434	Los Angeles	Whittier	597	11	Trunbull Canyon	73-M			barren			
15435	Los Angeles	Whittier	597	12	Trunbull Canyon	73-M			barren			
15436	Los Angeles	Whittier	597	13	Trunbull Canyon	73-M			barren			
15437	Los Angeles	Whittier	597	14	Trunbull Canyon	73-M			barren			
15438	Los Angeles	Whittier	597	15	Trunbull Canyon	73-M			barren			
15439	Los Angeles	Whittier	597	16	Trunbull Canyon	73-M			not diagnostic			
15440	Los Angeles	Whittier	597	17	Trunbull Canyon	73-M			barren			
15441	Los Angeles	Whittier	597	18	Trunbull Canyon	73-M			not diagnostic			
15442	Los Angeles	Whittier	597	19	Trunbull Canyon	73-M			not diagnostic			
15443	Los Angeles	Whittier	597	20	Trunbull Canyon	73-M			barren			
15444	Los Angeles	Whittier	597	21	Trunbull Canyon	73-M			barren			
15445	Los Angeles	Whittier	597	22	Trunbull Canyon	73-M			not diagnostic			
15446	Los Angeles	Whittier	597	23	Trunbull Canyon	73-M			barren			
15447	Los Angeles	Whittier	597	24	Trunbull Canyon	73-M			not diagnostic			
15448	Los Angeles	Whittier	597	25	Trunbull Canyon	73-M			not diagnostic			
15449	Los Angeles	Whittier	597	26	Trunbull Canyon	73-M			barren			
15450	Los Angeles	Whittier	597	27	Trunbull Canyon	73-M			not diagnostic			
15451	Los Angeles	Whittier	597	28	Trunbull Canyon	73-M			barren			
15452	Los Angeles	Whittier	597	29	Trunbull Canyon	73-M			not diagnostic			
15453	Los Angeles	Whittier	597	30	Trunbull Canyon	73-M			barren			
15454	Los Angeles	Whittier	597	31	Trunbull Canyon	73-M			not diagnostic			
15455	Los Angeles	La Habra	598	1	East Whittier	74-C	upper Repetto Fm	have map	Pliocene			
15456	Los Angeles	Whittier	598	3	East Whittier	74-C	upper Repetto Fm		Pliocene			
15457	Los Angeles	Whittier	598	4	East Whittier	74-C	upper Repetto Fm		Pliocene			
15458	Los Angeles	Whittier	598	5	East Whittier	74-C	upper Repetto Fm		Pliocene			
15459	Los Angeles	Whittier	598	6	East Whittier	74-C	upper Repetto Fm		Pliocene			
15460	Los Angeles	Whittier	598	7	East Whittier	74-C	upper Repetto Fm		Pliocene			
15461	Los Angeles	Whittier	598	8	East Whittier	74-C	upper Repetto Fm		Pliocene			
15462	Los Angeles	Whittier	598	9	East Whittier	74-C	upper Repetto Fm		Pliocene			
15463	Los Angeles	Whittier	598	10	East Whittier	74-C	upper Repetto Fm		Pliocene			
15464	Los Angeles	Whittier	598	11	East Whittier	74-C	upper Repetto Fm		Pliocene			
15465	Los Angeles	Whittier	598	12	East Whittier	74-C	upper Repetto Fm		Pliocene			
15466	Los Angeles	Whittier	598	13	East Whittier	74-C	upper Repetto Fm		Pliocene			
15467	Los Angeles	Whittier	598	14	East Whittier	74-C	upper Repetto Fm		Pliocene			
15468	Los Angeles	Whittier	598	15	East Whittier	74-C	upper Repetto Fm		Pliocene			
15469	Los Angeles	Whittier	598	16	East Whittier	74-C	upper Repetto Fm		Pliocene			
15470	Los Angeles	Whittier	598	17	East Whittier	74-C	upper Repetto Fm		Pliocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
15556	Los Angeles	Whittier	601	23	East Whittier	74-H			Pliocene			
15557	Los Angeles	Whittier	601	24	East Whittier	74-H			Pliocene			
15558	Los Angeles	Whittier	601	25	East Whittier	74-H			Pliocene			
15559	Los Angeles	Whittier	601	26	East Whittier	74-H			Pliocene			
15560	Los Angeles	Whittier	601	27	East Whittier	74-H			Pliocene			
15561	Los Angeles	Whittier	601	28	East Whittier	74-H			Pliocene			
15562	Los Angeles	Whittier	601	28A	East Whittier	74-H			Pliocene			
15563	Los Angeles	Whittier	601	29	East Whittier	74-H			Pliocene			
15564	Los Angeles	Whittier	601	29A	East Whittier	74-H			Pliocene			
15565	Los Angeles	Whittier	601	30	East Whittier	74-H			Pliocene			
15566	Los Angeles	Whittier	601	31	East Whittier	74-H			Pliocene			
15567	Los Angeles	Whittier	601	31A	East Whittier	74-H			Pliocene			
15568	Los Angeles	Whittier	601	32	East Whittier	74-H			Pliocene			
15569	Los Angeles	Whittier	601	33	East Whittier	74-H			Pliocene			
15570	Los Angeles	Whittier	601	34	East Whittier	74-H			Pliocene			
15571	Los Angeles	Whittier	601	34A	East Whittier	74-H			Pliocene			
15572	Los Angeles	Whittier	601	35	East Whittier	74-H			Pliocene			
15573	Los Angeles	Whittier	601	36	East Whittier	74-H			Pliocene			
15574	Los Angeles	Whittier	601	37	East Whittier	74-H			Pliocene			
15575	Los Angeles	Whittier	601	38	East Whittier	74-H			Pliocene			
15576	Los Angeles	Whittier	601	39	East Whittier	74-H			Pliocene			
15577	Los Angeles	Whittier	601	40	East Whittier	74-H			Pliocene			
15578	Los Angeles	Whittier	601	41	East Whittier	74-H			Pliocene			
15579	Los Angeles	Whittier	601	42	East Whittier	74-H			Pliocene			
15580	Los Angeles	Whittier	601	43	East Whittier	74-H			Pliocene			
15581	Los Angeles	Whittier	601	44	East Whittier	74-H			Pliocene			
15582	Los Angeles	Whittier	601	45	East Whittier	74-H			Pliocene			
15583	Los Angeles	Whittier	601	46	East Whittier	74-H			Pliocene			
15584	Los Angeles	Whittier	601	47	East Whittier	74-H			Pliocene			
15585	Los Angeles	Whittier	601	48	East Whittier	74-H			Delmontian			
15586	Los Angeles	Whittier	601	49	East Whittier	74-H			Delmontian			
15587	Los Angeles	Whittier	601	50	East Whittier	74-I			Delmontian			
15588	Los Angeles	Whittier	601	51	East Whittier	74-I			Delmontian			
15589	Los Angeles	Whittier	601	52	East Whittier	74-I			Delmontian			
15590	Los Angeles	Whittier	601	53	East Whittier	74-I			Delmontian			
15591	Los Angeles	Whittier	601	54	East Whittier	74-I			Delmontian			
15592	Los Angeles	Whittier	601	55	East Whittier	74-I			Delmontian			
15593	Los Angeles	Whittier	601	56	East Whittier	74-I			Delmontian			
15594	Los Angeles	Whittier	601	57	East Whittier	74-I			Delmontian			
15595	Los Angeles	Whittier	601	58	East Whittier	74-I			Delmontian			
15596	Los Angeles	La Habra	601	59	East Whittier	74-I			Delmontian			
15597	Los Angeles	El Monte	602	1	E of Bertolo	74-M			no paleo info			
15598	Los Angeles	El Monte	602	2	E of Bertolo	74-M			no paleo info			
15599	Los Angeles	El Monte	602	3	E of Bertolo	74-M			no paleo info			
15600	Los Angeles	El Monte	602	4	E of Bertolo	74-M			no paleo info			
15601	Los Angeles	El Monte	602	5	E of Bertolo	74-M			no paleo info			
15602	Los Angeles	El Monte	602	6	E of Bertolo	74-M			no paleo info			
15603	Los Angeles	El Monte	602	7	E of Bertolo	74-M			no paleo info			
15604	Los Angeles	El Monte	602	8	E of Bertolo	74-M			no paleo info			
15605	Los Angeles	El Monte	602	9	E of Bertolo	74-M			no paleo info			
15606	Los Angeles	El Monte	602	10	E of Bertolo	74-M			no paleo info			
15607	Los Angeles	El Monte	602	11	E of Bertolo	74-M			no paleo info			
15608	Los Angeles	El Monte	602	12	E of Bertolo	74-M			no paleo info			
15609	Los Angeles	El Monte	602	13	E of Bertolo	74-M			no paleo info			
15610	Los Angeles	El Monte	602	14	E of Bertolo	74-M			no paleo info			
15611	Los Angeles	El Monte	602	15	E of Bertolo	74-M			no paleo info			
15612	Los Angeles	El Monte	602	16	E of Bertolo	74-M			no paleo info			
15613	Los Angeles	El Monte	602	17	E of Bertolo	74-M			no paleo info			
15614	Los Angeles	El Monte	602	18	E of Bertolo	74-M			no paleo info			
15615	Los Angeles	El Monte	602	19	E of Bertolo	74-M			no paleo info			
15616	Santa Barbara	Point Sal	604	3	Mussel Point area	65-J		Have strat	Middle Miocene			
15617	Santa Barbara	Point Sal	604	4	Mussel Point area	65-J		column but ag	Middle Miocene			
15618	Santa Barbara	Point Sal	604	5	Mussel Point area	65-J		from Weaver	Middle Miocene			
15619	Santa Barbara	Point Sal?	604	3	Mussel Point area	66-L	These slides may		Middle Miocene			
15620	Santa Barbara	Point Sal?	604	4	Mussel Point area	66-L	be duplicates or		Middle Miocene			
15621	Santa Barbara	Point Sal?	604	5	Mussel Point area	66-L	from Pyramid		Middle Miocene			
15622	Santa Barbara	Point Sal?	604	6	Mussel Point area	66-L	Hills Quad.		Middle Miocene			
15623	Santa Barbara	Point Sal?	604	7	Mussel Point area	66-L			Middle Miocene			
15624	Santa Barbara	Point Sal?	604	8	Mussel Point area	66-L			Relizian			
15625	Santa Barbara	Point Sal?	604	13	Mussel Point area	66-L			Relizian			
15626	Santa Barbara	Point Sal?	604	15	Mussel Point area	66-L			Relizian			
15627	Santa Barbara	Point Sal?	604	17	Mussel Point area	66-L			Relizian			
15628	Santa Barbara	Point Sal?	604	19	Mussel Point area	66-L			Relizian			
15629	Santa Barbara	Point Sal?	604	20	Mussel Point area	66-L			Relizian			
15630	Santa Barbara	Point Sal?	604	23	Mussel Point area	66-L			Relizian			
15631	Santa Barbara	Point Sal?	604	24	Mussel Point area	66-L			Relizian			
15632	Santa Barbara	Point Sal?	604	25	Mussel Point area	66-L			Relizian			
15633	Santa Barbara	Point Sal?	604	26	Mussel Point area	66-L			Relizian			
15634	Santa Barbara	Point Sal?	604	27	Mussel Point area	66-L			Relizian			
15635	Santa Barbara	Point Sal?	604	28	Mussel Point area	66-L			Relizian			
15636	Santa Barbara	Point Sal?	604	31	Mussel Point area	66-L			Relizian			
15637	Los Angeles	La Habra	605	1	East Whittier	73-L	see strat map		Pliocene			
15638	Los Angeles	Whittier	605	2	East Whittier	73-L	loc # 598		Pliocene			
15639	Los Angeles	Whittier	605	3	East Whittier	73-L			Pliocene			
15640	Los Angeles	Whittier	605	4	East Whittier	73-L			Pliocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
15641	Los Angeles	Whittier	605	5	East Whittier	73-L			Pliocene			
15642	Santa Barbara	San Miguel Island Eas	611	1	S of Bay Point	45-F	Have strat column		Relizian	Bremner		
15643	Santa Barbara	San Miguel Island Eas	611	2	S of Bay Point	45-F	and foram check		Relizian	Bremner		
15644	Santa Barbara	San Miguel Island Eas	611	5	S of Bay Point	45-F	list. Also nanno-		Relizian	Bremner		
15645	Santa Barbara	San Miguel Island Eas	611	10	Cuyler Harbor	45-F	plankton lists		Eocene	Bremner		
15646	Santa Barbara	San Miguel Island Eas	611	11	Cuyler Harbor	45-F	see # 9279		Eocene	Bremner		
15647	Santa Barbara	San Miguel Island Eas	611	18	Cuyler Harbor	45-F			Eocene	Bremner		
15648	Santa Barbara	San Miguel Island Eas	611	19	Cuyler Harbor	45-F			Eocene	Bremner		
15649	Santa Barbara	San Miguel Island Eas	611	24	Crook Point	45-F			Middle Eocene	Bremner		
15650	Santa Barbara	San Miguel Island Eas	611	27	W of Crook Point	45-F			Lower Eocene	Bremner		
15651	Santa Barbara	San Miguel Island Eas	611	29	W of Crook Point	45-F			Lower Eocene	Bremner		
15652	Santa Barbara	San Miguel Island Wet	611	36	Simonton cove	45-F			not diagnostic	Bremner		
15653	Santa Barbara	San Miguel Island Wet	611	37	Simonton cove	45-F			Eocene	Bremner		
15654	Santa Barbara	San Miguel Island Eas	611	39	Cuyler Harbor	45-F			Eocene	Bremner		
15655	Santa Barbara	San Miguel Island Wet	612	6	Simonton Cove	82-J	U Cret nannos		U Cret E zone			
15656	Santa Barbara	San Miguel Island Wet	612	7	Simonton Cove	82-J	U Cret nannos		U Cret E zone			
15657	Santa Barbara	San Miguel Island Wet	612	9	Simonton Cove	82-J	Cretaceous nannos		Upper Cretaceous			
15658	Santa Barbara	San Miguel Island Wet	612	10	Simonton Cove	82-J			U Cret D-2 zone			
15659	Santa Barbara	San Miguel Island Wet	612	11	Simonton Cove	82-J			U Cret D/E zones			
15660	Santa Barbara	San Miguel Island Wet	612	23	SE of Castle Rock	82-J	foram ages in		Cretaceous			
15661	Santa Barbara	San Miguel Island Wet	612	24	SE of Castle Rock	82-J	conflict with a		not diagnostic			
15662	Santa Barbara	San Miguel Island Wet	612	27	SE of Castle Rock	82-J	second strat		Cretaceous			
15663	Santa Barbara	San Miguel Island Wet	612	28	SE of Castle Rock	82-J	column		Cretaceous			
15664	Santa Barbara	San Miguel Island Wet	612	29	SE of Castle Rock	82-J			Cretaceous			
15665	Santa Barbara	San Miguel Island Wet	612	33	SE of Castle Rock	82-J	U Cret nannos		Cretaceous			
15666	Santa Barbara	San Miguel Island Wet	612	42	SE of Castle Rock	82-J			not diagnostic			
15667	Santa Barbara	San Miguel Island Wet	612	44	SE of Castle Rock	82-J	U Cret nannos		Upper Cretaceous			
15668	Santa Barbara	San Miguel Island Wet	612	45	SE of Castle Rock	82-J			contaminated			
15669	Santa Barbara	San Miguel Island Wet	612	47	SE of Castle Rock	82-J			contaminated?			
15670	Santa Barbara	San Miguel Island Wet	612	48	SE of Castle Rock	82-J		Inoceramus	Cretaceous			
15671	Santa Barbara	San Miguel Island Wet	612	49	SE of Castle Rock	82-J			not diagnostic			
15672	Santa Barbara	San Miguel Island Wet	612	52	SE of Castle Rock	82-J			not diagnostic			
15673	Santa Barbara	San Miguel Island Wet	612	54	SE of Castle Rock	82-J			not diagnostic			
15674	Santa Barbara	San Miguel Island Wet	612	56	SE of Castle Rock	82-J			not diagnostic			
15675	Santa Barbara	San Miguel Island Wet	612	64	N of Adams Cove	82-J			not diagnostic			
15676	Santa Barbara	San Miguel Island Wet	612	66	N of Adams Cove	82-J			not diagnostic			
15677	Santa Barbara	San Miguel Island Wet	612	77	N of Adams Cove	82-J			contaminated			
15678	Santa Barbara	San Miguel Island Wet	612	78	N of Adams Cove	82-J			contaminated			
15679	Santa Barbara	San Miguel Island Wet	613	2	Adams Cove	82-L	U Cret nannos		contaminated			
15680	Santa Barbara	San Miguel Island Wet	613	7	E of Adams Cove	82-L			not diagnostic			
15681	Santa Barbara	San Miguel Island Wet	613	14	Judith Rock	82-L			not diagnostic			
15682	Santa Barbara	San Miguel Island Wet	613	18A	Tyler Bight	82-L			not diagnostic			
15683	Santa Barbara	San Miguel Island Wet	613	20	Tyler Bight	82-L	U Cret nannos		Upper Cretaceous			
15684	Santa Barbara	San Miguel Island Wet	613	32	EC part of quad	82-L	L Eocene nannos		Lower Eocene			
15685	Santa Barbara	San Miguel Island Wet	613	33	EC part of quad	82-L			not diagnostic			
15686	Santa Barbara	San Miguel Island Eas	613	34	W of Crook Point	82-L			not diagnostic			
15687	Santa Barbara	San Miguel Island Eas	613	35	W of Crook Point	82-L			not diagnostic			
15688	Santa Barbara	San Miguel Island Eas	613	38	W of Crook Point	82-L	L Eocene nannos		Lower Eocene			
15689	Santa Barbara	San Miguel Island Eas	613	39	W of Crook Point	82-L	L Eocene nannos		Lower Eocene			
15690	Santa Barbara	San Miguel Island Eas	613	41	W of Crook Point	82-L	L Eocene nannos		Lower Eocene			
15691	Santa Barbara	San Miguel Island Eas	613	42	W of Crook Point	82-L	L Eocene nannos		Lower Eocene			
15692	Santa Barbara	San Miguel Island Eas	613	43	W of Crook Point	82-L			not diagnostic			
15693	Santa Barbara	San Miguel Island Eas	613	45	W of Crook Point	82-L			not diagnostic			
15694	Santa Barbara	San Miguel Island Eas	613	46	Crook Point	82-L			not diagnostic			
15695	Santa Barbara	San Miguel Island Eas	613	48	Crook Point	82-L			not diagnostic			
15696	Solano	Mount Vaca	613		Pioneer Ranch vic	A-8			Eocene	Kirby		
15697	Solano	Mount Vaca	613		Pioneer Ranch vic	A-8			Eocene	Kirby		
15698	Solano	Mount Vaca	614		Pioneer Ranch vic	A-8			Eocene	Kirby		
15699	Los Angeles	La Habra	614	38	Arroyo Pescadero	74-E	see strat map		Delmontian			
15700	Los Angeles	La Habra	614	39	Arroyo Pescadero	74-E	loc # 598		Delmontian			
15701	Los Angeles	La Habra	614	42	Arroyo Pescadero	74-E			Delmontian			
15702	Los Angeles	La Habra	614	46	Arroyo Pescadero	74-E			Delmontian			
15703	Los Angeles	La Habra	614	47	Arroyo Pescadero	74-E			Delmontian			
15704	Los Angeles	La Habra	614	48	Arroyo Pescadero	74-E			Delmontian			
15705	Los Angeles	La Habra	614	49	Arroyo Pescadero	74-E			Delmontian			
15706	Los Angeles	La Habra	614	50	Arroyo Pescadero	74-E			Delmontian			
15707	Los Angeles	La Habra	614	51	Arroyo Pescadero	74-E			Delmontian			
15708	Los Angeles	La Habra	614	52	Arroyo Pescadero	74-E			Delmontian			
15709	Los Angeles	La Habra	614	53	Arroyo Pescadero	74-E			Delmontian			
15710	Los Angeles	La Habra	614	54	Arroyo Pescadero	74-E			Delmontian			
15711	Los Angeles	La Habra	614	55	Arroyo Pescadero	74-E			Delmontian			
15712	Los Angeles	La Habra	614	57	Arroyo Pescadero	74-E			Delmontian			
15713	Los Angeles	La Habra	614	58	Arroyo Pescadero	74-E			Delmontian			
15714	Los Angeles	La Habra	614	59	Arroyo Pescadero	74-E			Delmontian			
15715	Los Angeles	La Habra	614	60	Arroyo Pescadero	74-E			Delmontian			
15716	Los Angeles	La Habra	614	61	Arroyo Pescadero	74-E			Delmontian			
15717	Los Angeles	La Habra	614	62	Arroyo Pescadero	74-E			Delmontian			
15718	Los Angeles	La Habra	614	63	Arroyo Pescadero	74-E			Delmontian			
15719	Los Angeles	La Habra	614	64	Arroyo Pescadero	74-E			Delmontian			
15720	Los Angeles	La Habra	614	65	Arroyo Pescadero	74-E			Delmontian			
15721	Los Angeles	La Habra	614	66	Arroyo Pescadero	74-E			Delmontian			
15722	Los Angeles	La Habra	614	67	Arroyo Pescadero	74-E			Delmontian			
15723	Los Angeles	La Habra	614	69	Arroyo Pescadero	74-E			Delmontian			
15724	Los Angeles	La Habra	614	*69-1	Arroyo Pescadero	74-E			Delmontian			
15725	Los Angeles	La Habra	614	*69-2	Arroyo Pescadero	74-E			Delmontian			

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1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
15726	Los Angeles	La Habra	614	"70-1	Arroyo Pescadero	74-E			Delmontian			
15727	Los Angeles	La Habra	614	"70-2	Arroyo Pescadero	74-E			Delmontian			
15728	Los Angeles	La Habra	614	71	Arroyo Pescadero	74-E			Delmontian			
15729	Los Angeles	La Habra	614	72	Arroyo Pescadero	74-E			Delmontian			
15730	Los Angeles	La Habra	614	73	Arroyo Pescadero	74-E			Delmontian			
15731	Los Angeles	La Habra	614	74	Arroyo Pescadero	74-E			Delmontian			
15732	Los Angeles	La Habra	614	75	Arroyo Pescadero	74-E			Delmontian			
15733	Los Angeles	La Habra	614	76	Arroyo Pescadero	74-E			Delmontian			
15734	Los Angeles	La Habra	614	77	Arroyo Pescadero	74-E			Delmontian			
15735	Los Angeles	La Habra	614	78	Arroyo Pescadero	74-E			Delmontian			
15736	Los Angeles	La Habra	614	79	Arroyo Pescadero	74-E			Delmontian			
15737	Los Angeles	La Habra	614	80	Arroyo Pescadero	74-E			Delmontian			
15738	Los Angeles	La Habra	614	81	Arroyo Pescadero	74-E			Delmontian			
15739	Los Angeles	La Habra	614	82	Arroyo Pescadero	74-E			Delmontian			
15740	Los Angeles	La Habra	614	83	Arroyo Pescadero	74-E			Delmontian			
15741	Los Angeles	La Habra	614	84	Arroyo Pescadero	74-E			Delmontian			
15742	Los Angeles	La Habra	614	85	Arroyo Pescadero	74-E			Delmontian			
15743	Los Angeles	La Habra	614	87	Arroyo Pescadero	74-E			Delmontian			
15744	Los Angeles	La Habra	614	88	Arroyo Pescadero	74-E			Delmontian			
15745	Los Angeles	La Habra	614	89	Arroyo Pescadero	74-E			Delmontian			
15746	Los Angeles	La Habra	614	90	Arroyo Pescadero	74-E			Delmontian			
15747	Los Angeles	La Habra	614	91	Arroyo Pescadero	74-E			Delmontian			
15748	Los Angeles	La Habra	614	92	Arroyo Pescadero	74-E			Delmontian			
15749	Los Angeles	La Habra	614	93	Arroyo Pescadero	74-E			Delmontian			
15750	Los Angeles	La Habra	614	"90-2	Arroyo Pescadero	74-F			Delmontian			
15751	Los Angeles	La Habra	614	"91-2	Arroyo Pescadero	74-F			Delmontian			
15752	Los Angeles	La Habra	614	"92-2	Arroyo Pescadero	74-F			Delmontian			
15753	Los Angeles	La Habra	614	"93-2	Arroyo Pescadero	74-F			Delmontian			
15754	Los Angeles	La Habra	614	"94-2	Arroyo Pescadero	74-F			Delmontian			
15755	Los Angeles	La Habra	614	94	Arroyo Pescadero	74-F			Delmontian			
15756	Los Angeles	La Habra	614	95	Arroyo Pescadero	74-F			Delmontian			
15757	Los Angeles	La Habra	614	96	Arroyo Pescadero	74-F			Delmontian			
15758	Los Angeles	La Habra	614	98	Arroyo Pescadero	74-F			Delmontian			
15759	Los Angeles	La Habra	614	99	Arroyo Pescadero	74-F			Delmontian			
15760	Los Angeles	La Habra	614	100	Arroyo Pescadero	74-F			Delmontian			
15761	Los Angeles	La Habra	614	101	Arroyo Pescadero	74-F			Delmontian			
15762	Los Angeles	La Habra	614	102	Arroyo Pescadero	74-F			Delmontian			
15763	Los Angeles	La Habra	614	103	Arroyo Pescadero	74-F			Delmontian			
15764	Los Angeles	La Habra	614	104	Arroyo Pescadero	74-F			Delmontian			
15765	Los Angeles	La Habra	614	105	Arroyo Pescadero	74-F			Delmontian			
15766	Los Angeles	La Habra	614	106	Arroyo Pescadero	74-F			Delmontian			
15767	Los Angeles	La Habra	614	107	Arroyo Pescadero	74-F			Delmontian			
15768	Los Angeles	La Habra	614	108	Arroyo Pescadero	74-F			Delmontian			
15769	Los Angeles	La Habra	614	109	Arroyo Pescadero	74-F			Delmontian			
15770	Los Angeles	La Habra	614	110	Arroyo Pescadero	74-F			Delmontian			
15771	Los Angeles	La Habra	614	111	Arroyo Pescadero	74-F			Delmontian			
15772	Los Angeles	La Habra	614	112	Arroyo Pescadero	74-F			Delmontian			
15773	Los Angeles	La Habra	614	113	Arroyo Pescadero	74-F			Delmontian			
15774	Los Angeles	La Habra	614	114	Arroyo Pescadero	74-F			Delmontian			
15775	Los Angeles	La Habra	614	115	Arroyo Pescadero	74-F			Delmontian			
15776	Los Angeles	La Habra	614	116	Arroyo Pescadero	74-F			Delmontian			
15777	Los Angeles	La Habra	614	117	Arroyo Pescadero	74-F			Delmontian			
15778	Los Angeles	La Habra	614	118	Arroyo Pescadero	74-F			Delmontian			
15779	Los Angeles	La Habra	614	120	Arroyo Pescadero	74-F			Pliocene			
15780	Los Angeles	La Habra	614	121	Arroyo Pescadero	74-F			Pliocene			
15781	Los Angeles	La Habra	614	122	Arroyo Pescadero	74-F			Pliocene			
15782	Los Angeles	La Habra	614	123	Arroyo Pescadero	74-F			Pliocene			
15783	Los Angeles	La Habra	614	124	Arroyo Pescadero	74-F			Pliocene			
15784	Los Angeles	La Habra	614	125	Arroyo Pescadero	74-F			Pliocene			
15785	Los Angeles	La Habra	614	126	Arroyo Pescadero	74-F			Pliocene			
15786	Los Angeles	La Habra	614	127	Arroyo Pescadero	74-F			Pliocene			
15787	Los Angeles	La Habra	614	128	Arroyo Pescadero	74-F			Pliocene			
15788	Los Angeles	La Habra	614	129	Arroyo Pescadero	74-F			Pliocene			
15789	Los Angeles	La Habra	614	130	Arroyo Pescadero	74-F			Pliocene			
15790	Los Angeles	La Habra	614	132	Arroyo Pescadero	74-F			Pliocene			
15791	Solano	Mount Vaca	615		Pioneer Rch area	A-8			Eocene	Kirby		
15792	Solano	Mount Vaca	617		Pioneer Rch area	A-8			Eocene	Kirby		
15793	Solano	Mount Vaca	617		Pioneer Rch area	A-8			Eocene			
15794	Solano	Mount Vaca	618		Bucktown	A-8	type Vacaville sh		Eocene			
15795	Solano	Mount Vaca	619		Bucktown	A-8	type Vacaville sh		Eocene			
15796	Solano	Mount Vaca	620		Bucktown	A-8	type Vacaville sh		Eocene			
15797	Los Angeles	La Habra	621	1	Canada Verde Ck	74-N			Pliocene			
15798	Los Angeles	La Habra	621	2	Canada Verde Ck	74-N			Pliocene			
15799	Los Angeles	La Habra	621	3	Canada Verde Ck	74-N			Pliocene			
15800	Los Angeles	La Habra	621	4	Canada Verde Ck	74-N			Pliocene			
15801	Los Angeles	La Habra	621	5	Canada Verde Ck	74-N			Pliocene			
15802	Los Angeles	La Habra	621	6	Canada Verde Ck	74-N			Pliocene			
15803	Los Angeles	La Habra	621	7	Canada Verde Ck	74-N			Pliocene			
15804	Los Angeles	La Habra	621	8	Canada Verde Ck	74-N			Pliocene			
15805	Los Angeles	La Habra	621	9	Canada Verde Ck	74-N			Pliocene			
15806	Los Angeles	La Habra	621	10	Canada Verde Ck	74-N			Pliocene			
15807	Los Angeles	La Habra	621	11	Canada Verde Ck	74-N			Pliocene			
15808	Los Angeles	La Habra	621	12	Canada Verde Ck	74-N			Pliocene			
15809	Los Angeles	La Habra	621	13	Canada Verde Ck	74-N			Pliocene			
15810	Los Angeles	La Habra	621	14	Canada Verde Ck	74-N			Pliocene			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
15811	Los Angeles	La Habra	621	15	Canada Verde Ck	74-N			Pliocene			
15812	Los Angeles	La Habra	621	16	Canada Verde Ck	74-N			Pliocene			
15813	Los Angeles	La Habra	621	17	Canada Verde Ck	74-N			Pliocene			
15814	Los Angeles	La Habra	621	18	Canada Verde Ck	74-N			Delmontian			
15815	Los Angeles	La Habra	621	19	Canada Verde Ck	74-N			Delmontian			
15816	Los Angeles	La Habra	621	20	Canada Verde Ck	74-N			Delmontian			
15817	Los Angeles	La Habra	621	21	Canada Verde Ck	74-N			Delmontian			
15818	Los Angeles	La Habra	621	22	Canada Verde Ck	74-N			Delmontian			
15819	Los Angeles	La Habra	621	23	Canada Verde Ck	74-N			Delmontian			
15820	Los Angeles	La Habra	621	24	Canada Verde Ck	74-N			Delmontian			
15821	Los Angeles	La Habra	621	25	Canada Verde Ck	74-N			Delmontian			
15822	Los Angeles	La Habra	621	26	Canada Verde Ck	74-N			Delmontian			
15823	Los Angeles	La Habra	621	27	Canada Verde Ck	74-N			Delmontian			
15824	Los Angeles	La Habra	621	28	Canada Verde Ck	74-N			Delmontian			
15825	Los Angeles	La Habra	621	29	Canada Verde Ck	74-N			Delmontian			
15826	Los Angeles	La Habra	621	30	Canada Verde Ck	74-N			Delmontian			
15827	Los Angeles	La Habra	621	31	Canada Verde Ck	74-N			Delmontian			
15828	Los Angeles	La Habra	621	32	Canada Verde Ck	74-N			Delmontian			
15829	Los Angeles	La Habra	621	33	Canada Verde Ck	74-N			Delmontian			
15830	Los Angeles	La Habra	621	34	Canada Verde Ck	74-N			Delmontian			
15831	Los Angeles	La Habra	621	35	Canada Verde Ck	74-N			Delmontian			
15832	Los Angeles	La Habra	621	36	Canada Verde Ck	74-N			Delmontian			
15833	Los Angeles	La Habra	621	37	Canada Verde Ck	74-N			Delmontian			
15834	Los Angeles	La Habra	621	38	Canada Verde Ck	74-N			Delmontian			
15835	Los Angeles	La Habra	621	39	Canada Verde Ck	74-N			Delmontian			
15836	Los Angeles	La Habra	621	40	Canada Verde Ck	74-N			Delmontian			
15837	Los Angeles	La Habra	621	41	Canada Verde Ck	74-N			Delmontian			
15838	Los Angeles	La Habra	621	42	Canada Verde Ck	74-N			Delmontian			
15839	Los Angeles	La Habra	621	43	Canada Verde Ck	74-N			Delmontian			
15840	Los Angeles	La Habra	621	44	Canada Verde Ck	74-N			Delmontian			
15841	Los Angeles	La Habra	621	45	Canada Verde Ck	74-N			Delmontian			
15842	Los Angeles	La Habra	621	46	Canada Verde Ck	74-N			Delmontian			
15843	Los Angeles	La Habra	621	47	Canada Verde Ck	74-N			Delmontian			
15844	Los Angeles	La Habra	621	48	Canada Verde Ck	74-N			Delmontian			
15845	Los Angeles	La Habra	621	49	Canada Verde Ck	74-N			Delmontian			
15846	Los Angeles	La Habra	621	50	Canada Verde Ck	74-N			Delmontian			
15847	Los Angeles	La Habra	621	51	Canada Verde Ck	74-N			Delmontian			
15848	Los Angeles	La Habra	621	52	Canada Verde Ck	74-N			Delmontian			
15849	Los Angeles	La Habra	621	53	Canada Verde Ck	74-N			Delmontian			
15850	Solano	Mount Vaca	621		Bucktown	A-8	type Vacaville sh		Eocene	Kirby		
15851	Solano?	Mount Vaca	622		area uncertain	A-8			Eocene	Kirby		
15852	Los Angeles	La Habra	622	1	Canada Verde Ck	75-A			Delmontian			
15853	Los Angeles	La Habra	622	2	Canada Verde Ck	75-A			Delmontian			
15854	Los Angeles	La Habra	622	3	Canada Verde Ck	75-A			Delmontian			
15855	Los Angeles	La Habra	622	4	Canada Verde Ck	75-A			Delmontian			
15856	Los Angeles	La Habra	622	5	Canada Verde Ck	75-A			Delmontian			
15857	Los Angeles	La Habra	622	6	Canada Verde Ck	75-A			Delmontian			
15858	Los Angeles	La Habra	622	7	Canada Verde Ck	75-A			Delmontian			
15859	Los Angeles	La Habra	622	8	Canada Verde Ck	75-A			Delmontian			
15860	Los Angeles	La Habra	622	9	Canada Verde Ck	75-A			Delmontian			
15861	Los Angeles	La Habra	622	11	Canada Verde Ck	75-A			Delmontian			
15862	Los Angeles	La Habra	622	15	Canada Verde Ck	75-A			Delmontian			
15863	Los Angeles	La Habra	622	16	Canada Verde Ck	75-A			Delmontian			
15864	Los Angeles	La Habra	622	17	Canada Verde Ck	75-A			Delmontian			
15865	Los Angeles	La Habra	622	18	Canada Verde Ck	75-A			Pliocene			
15866	Los Angeles	La Habra	622	19	Canada Verde Ck	75-A			Pliocene			
15867	Los Angeles	La Habra	622	20	Canada Verde Ck	75-A			Pliocene			
15868	Los Angeles	La Habra	622	21	Canada Verde Ck	75-A			Pliocene			
15869	Orange	Orange	623	4	Peralta Hills	74-I			no paleo info			
15870	Orange	Orange	623	5	Peralta Hills	74-I			no paleo info			
15871	Orange	Orange	623	6	Peralta Hills	74-I			no paleo info			
15872	Orange	Orange	623	7	Peralta Hills	74-I			no paleo info			
15873	Orange	Orange	623	8	Peralta Hills	74-I			no paleo info			
15874	Orange	Orange	623	10	Peralta Hills	74-I			no paleo info			
15875	Orange	Orange	623	12	Peralta Hills	74-I			no paleo info			
15876	Orange	Orange	623	13	Peralta Hills	74-I			no paleo info			
15877	Orange	Orange	623	16	Peralta Hills	74-I			no paleo info			
15878	Orange	Orange	623	17	Peralta Hills	74-I			no paleo info			
15879	Orange	Orange	623	18	Peralta Hills	74-I			no paleo info			
15880	Orange	Orange	623	19	Peralta Hills	74-I			no paleo info			
15881	Orange	Orange	623	24	Peralta Hills	74-I			no paleo info			
15882	Orange	Orange	623	25	Peralta Hills	74-I			no paleo info			
15883	Orange	Orange	623	26	Peralta Hills	74-I			no paleo info			
15884	Orange	Orange	623	36	Peralta Hills	74-I			no paleo info			
15885	Orange	Orange	623	39	Peralta Hills	74-I			no paleo info			
15886	Orange	Orange	623	40	Peralta Hills	74-I			no paleo info			
15887	Orange	Orange	623	42	Peralta Hills	74-I			no paleo info			
15888	Orange	Orange	623	44	Peralta Hills	74-I			no paleo info			
15889	Orange	Orange	623	45	Peralta Hills	74-I			no paleo info			
15890	Orange	Orange	623	47	Peralta Hills	74-I			no paleo info			
15891	Orange	Orange	623	48	Peralta Hills	74-I			no paleo info			
15892	Orange	Orange	623	50	Peralta Hills	74-I			no paleo info			
15893	Orange	Orange	623	52	Peralta Hills	74-I			no paleo info			
15894	Orange	Orange	623	53	Peralta Hills	74-I			no paleo info			
15895	Orange	Orange	623	54	Peralta Hills	74-I			no paleo info			

1	A	B	C	D	E	F	G	H	I	J	K	L
COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS			
15896	Orange	Orange	623	55	Peralta Hills	74-I			no paleo info			
15897	Orange	Orange	623	56	Peralta Hills	74-I			no paleo info			
15898	Orange	Orange	623	57	Peralta Hills	74-I			no paleo info			
15899	Orange	Orange	623	59	Peralta Hills	74-I			no paleo info			
15900	Orange	Orange	623	60	Peralta Hills	74-I			no paleo info			
15901	Orange	Orange	623	62	Peralta Hills	74-I			no paleo info			
15902	Orange	Orange	623	63	Peralta Hills	74-I			no paleo info			
15903	Orange	Orange	623	64	Peralta Hills	74-I			no paleo info			
15904	Orange	Orange	623	65	Peralta Hills	74-I			no paleo info			
15905	Orange	Orange	623	73	Peralta Hills	74-I			no paleo info			
15906	Orange	Orange	623	79	Peralta Hills	74-I			no paleo info			
15907	Orange	Orange	623	82	Peralta Hills	74-I			no paleo info			
15908	Orange	Orange	623	83	Peralta Hills	74-I			no paleo info			
15909	Orange	Orange	623	84	Peralta Hills	74-I			no paleo info			
15910	Orange	Orange	623	85	Peralta Hills	74-I			no paleo info			
15911	Orange	Orange	623	86	Peralta Hills	74-I			no paleo info			
15912	Orange	Orange	623	87	Peralta Hills	74-I			no paleo info			
15913	Orange	Orange	623	88	Peralta Hills	74-I			no paleo info			
15914	Orange	Orange	623	89	Peralta Hills	74-I			no paleo info			
15915	Orange	Orange	623	90	Peralta Hills	74-I			no paleo info			
15916	Orange	Orange	623	91	Peralta Hills	74-I			no paleo info			
15917	Orange	Orange	623	92	Peralta Hills	74-I			no paleo info			
15918	Orange	Orange	623	93	Peralta Hills	74-I			no paleo info			
15919	Orange	Orange	623	94	Peralta Hills	74-I			no paleo info			
15920	Orange	Orange	623	95	Peralta Hills	74-I			no paleo info			
15921	Orange	Orange	623	96	Peralta Hills	74-I			no paleo info			
15922	Orange	Orange	623	97	Peralta Hills	74-I			no paleo info			
15923	Orange	Orange	623	98	Peralta Hills	74-I			no paleo info			
15924	Orange	Orange	623	99	Peralta Hills	74-I			no paleo info			
15925	Orange	Orange	623	100	Peralta Hills	74-I			no paleo info			
15926	Orange	Orange	623	101	Peralta Hills	74-I			no paleo info			
15927	Orange	Orange	623	102	Peralta Hills	74-I			no paleo info			
15928	Orange	Orange	623	103	Peralta Hills	74-I			no paleo info			
15929	Orange	Orange	623	104	Peralta Hills	74-I			no paleo info			
15930	Orange	Orange	623	105	Peralta Hills	74-I			no paleo info			
15931	Orange	Orange	623	106	Peralta Hills	74-I			no paleo info			
15932	Orange	Orange	623	107	Peralta Hills	74-I			no paleo info			
15933	Orange	Orange	623	108	Peralta Hills	74-I			no paleo info			
15934	Orange	Orange	623	109	Peralta Hills	74-I			no paleo info			
15935	Orange	Orange	623	111	Peralta Hills	74-I			no paleo info			
15936	Orange	Orange	623	112	Peralta Hills	74-I			no paleo info			
15937	Orange	Orange	623	114	Peralta Hills	74-I			no paleo info			
15938	Orange	Orange	623	115	Peralta Hills	74-I			no paleo info			
15939	Orange	Orange	623	116	Peralta Hills	74-I			no paleo info			
15940	Orange	Orange	623	117	Peralta Hills	74-I			no paleo info			
15941	Orange	Orange	623	118	Peralta Hills	74-I			no paleo info			
15942	Orange	Orange	623	118	Peralta Hills	74-I			no paleo info			
15943	Orange	Orange	623	121	Peralta Hills	74-I			no paleo info			
15944	Orange	Orange	623	122	Peralta Hills	74-I			no paleo info			
15945	Orange	Orange	623	123	Peralta Hills	74-I			no paleo info			
15946	Orange	Orange	623	124	Peralta Hills	74-I			no paleo info			
15947	Orange	Orange	623	125	Peralta Hills	74-I			no paleo info			
15948	Orange	Orange	623	127	Peralta Hills	74-I			no paleo info			
15949	Orange	Orange	623	128	Peralta Hills	74-I			no paleo info			
15950	Orange	Orange	623	129	Peralta Hills	74-I			no paleo info			
15951	Orange	Orange	623	131	Peralta Hills	74-I			no paleo info			
15952	Orange	Orange	623	132	Peralta Hills	74-I			no paleo info			
15953	Orange	Orange	623	133	Peralta Hills	74-I			no paleo info			
15954	Orange	Orange	623	134	Peralta Hills	74-I			no paleo info			
15955	Orange	Orange	623	135	Peralta Hills	74-I			no paleo info			
15956	Orange	Orange	623	136	Peralta Hills	74-I			no paleo info			
15957	Orange	Orange	623	137	Peralta Hills	74-I			no paleo info			
15958	Orange	Orange	623	139	Peralta Hills	74-I			no paleo info			
15959	Orange	Orange	623	140	Peralta Hills	74-I			no paleo info			
15960	Orange	Orange	623	141	Peralta Hills	74-I			no paleo info			
15961	Orange	Orange	623	142	Peralta Hills	74-I			no paleo info			
15962	Orange	Orange	623	143	Peralta Hills	74-I			no paleo info			
15963	Orange	Orange	623	144	Peralta Hills	74-I			no paleo info			
15964	Orange	Orange	623	145	Peralta Hills	74-I			no paleo info			
15965	Orange	Orange	623	146	Peralta Hills	74-I			no paleo info			
15966	Orange	Orange	623	147	Peralta Hills	74-I			no paleo info			
15967	Orange	Orange	623	148	Peralta Hills	74-I			no paleo info			
15968	Orange	Orange	623	149	Peralta Hills	74-I			no paleo info			
15969	Orange	Orange	623	151	Peralta Hills	74-K			no paleo info			
15970	Orange	Orange	623	152	Peralta Hills	74-K			no paleo info			
15971	Orange	Orange	623	153	Peralta Hills	74-K			no paleo info			
15972	Orange	Orange	623	154	Peralta Hills	74-K			no paleo info			
15973	Orange	Orange	623	155	Peralta Hills	74-K			no paleo info			
15974	Orange	Orange	623	157	Peralta Hills	74-K			no paleo info			
15975	Yolo	Guinda	623		Capay valley	A-8	Smith Canyon		Eocene	Kirby		
15976	Los Angeles	Whittier	625	1	Whittier College	73-N			barren			
15977	Los Angeles	Whittier	625	2	Whittier College	73-N			no age provided			
15978	Los Angeles	Whittier	625	3	Whittier College	73-N			no age provided			
15979	Los Angeles	Whittier	625	4	Whittier College	73-N			no age provided			
15980	Los Angeles	Whittier	625	5	Whittier College	73-N			no age provided			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
15981	Los Angeles	Whittier	625	6	Whittier College	73-N			barren			
15982	Los Angeles	Whittier	625	7	Whittier College	73-N			barren			
15983	Los Angeles	Whittier	625	8	Whittier College	73-N			barren			
15984	Los Angeles	Whittier	625	9	Whittier College	73-N			barren			
15985	Los Angeles	Whittier	625	10	Whittier College	73-N			no age provided			
15986	Los Angeles	Whittier	625	11	Whittier College	73-N			no age provided			
15987	Los Angeles	Whittier	627	51	East Whittier	75-A			Pliocene			
15988	Los Angeles	Whittier	627	52	East Whittier	75-A			Pliocene			
15989	Los Angeles	Whittier	627	53	East Whittier	75-A			Pliocene			
15990	Los Angeles	Whittier	627	54	East Whittier	75-A			Pliocene			
15991	Los Angeles	Whittier	627	55	East Whittier	75-A			Pliocene			
15992	Los Angeles	Whittier	627	56	East Whittier	75-A			Pliocene			
15993	Los Angeles	Whittier	627	57	East Whittier	75-A			Pliocene			
15994	Los Angeles	Whittier	627	58	East Whittier	75-A			Pliocene			
15995	Los Angeles	Whittier	627	59	East Whittier	75-A			Pliocene			
15996	Los Angeles	Whittier	627	60	East Whittier	75-A			Pliocene			
15997	Los Angeles	Whittier	627	61	East Whittier	75-A			Pliocene			
15998	Los Angeles	Whittier	627	62	East Whittier	75-A			Pliocene			
15999	Los Angeles	Whittier	627	63	East Whittier	75-A			Pliocene			
16000	Los Angeles	Whittier	627	64	East Whittier	75-A			Pliocene			
16001	Los Angeles	Whittier	627	65	East Whittier	75-A			Pliocene			
16002	Los Angeles	Whittier	627	66	East Whittier	75-A			Pliocene			
16003	Los Angeles	Whittier	627	67	East Whittier	75-A			Pliocene			
16004	Los Angeles	Whittier	627	68	East Whittier	75-A			Pliocene			
16005	Los Angeles	Whittier	627	69	East Whittier	75-A			Pliocene			
16006	Los Angeles	Whittier	627	70	East Whittier	75-A			Pliocene			
16007	Los Angeles	Whittier	627	71	East Whittier	75-A			Pliocene			
16008	Los Angeles	Whittier	627	72	East Whittier	75-A			Pliocene			
16009	Los Angeles	Whittier	627	73	East Whittier	75-A			Pliocene			
16010	Los Angeles	Whittier	627	74	East Whittier	75-A			Pliocene			
16011	Los Angeles	Whittier	627	75	East Whittier	75-A			Pliocene			
16012	Los Angeles	Whittier	627	76	East Whittier	75-A			Pliocene			
16013	Los Angeles	Whittier	627	77	East Whittier	75-A			Pliocene			
16014	Los Angeles	Whittier	627	78	East Whittier	75-A			Pliocene			
16015	Los Angeles	Whittier	627	79	East Whittier	75-A			Pliocene			
16016	Los Angeles	Whittier	627	80	East Whittier	75-A			Pliocene			
16017	Los Angeles	Whittier	627	81	East Whittier	75-A			Pliocene			
16018	Los Angeles	Whittier	627	82	East Whittier	75-A			Pliocene			
16019	Los Angeles	Whittier	627	83	East Whittier	75-A			Pliocene			
16020	Los Angeles	Whittier	627	84	East Whittier	75-A			Pliocene			
16021	Los Angeles	Whittier	627	85	East Whittier	75-A			Pliocene			
16022	Los Angeles	Whittier	627	86	East Whittier	75-A			Pliocene			
16023	Los Angeles	Whittier	627	87	East Whittier	75-A			Pliocene			
16024	Los Angeles	Whittier	627	88	East Whittier	75-A			Pliocene			
16025	Los Angeles	Whittier	630	1	Turnbull Canyon	75-B			Upper Mohnian			
16026	Los Angeles	Whittier	630	2	Turnbull Canyon	75-B			Upper Mohnian			
16027	Los Angeles	Whittier	630	3	Turnbull Canyon	75-B			Upper Mohnian			
16028	Los Angeles	Whittier	630	4	Turnbull Canyon	75-B			Upper Mohnian			
16029	Los Angeles	Whittier	630	5	Turnbull Canyon	75-B			Upper Mohnian			
16030	Los Angeles	Whittier	630	6	Turnbull Canyon	75-B			Upper Mohnian			
16031	Los Angeles	Whittier	630	7	Turnbull Canyon	75-B			Upper Mohnian			
16032	Los Angeles	Whittier	630	8	Turnbull Canyon	75-B			Upper Mohnian			
16033	Los Angeles	Whittier	630	9	Turnbull Canyon	75-B			Upper Mohnian			
16034	Los Angeles	Whittier	630	10	Turnbull Canyon	75-B			Upper Mohnian			
16035	Los Angeles	Whittier	630	11	Turnbull Canyon	75-B			Upper Mohnian			
16036	Los Angeles	Whittier	630	12	Turnbull Canyon	75-B			Upper Mohnian			
16037	Los Angeles	Whittier	630	13	Turnbull Canyon	75-B			not diagnostic			
16038	Los Angeles	Whittier	630	14	Turnbull Canyon	75-B			Middle Mohnian			
16039	Los Angeles	Whittier	630	15	Turnbull Canyon	75-B			Middle Mohnian			
16040	Los Angeles	Whittier	630	16	Turnbull Canyon	75-B			Middle Mohnian			
16041	Los Angeles	Whittier	630	17	Turnbull Canyon	75-B			Middle Mohnian			
16042	Los Angeles	Whittier	630	18	Turnbull Canyon	75-B			Middle Mohnian			
16043	Los Angeles	Whittier	630	19	Turnbull Canyon	75-B			Middle Mohnian			
16044	Los Angeles	Whittier	630	20	Turnbull Canyon	75-B			Middle Mohnian			
16045	Los Angeles	Whittier	630	21	Turnbull Canyon	75-B			Middle Mohnian			
16046	Los Angeles	Whittier	630	22	Turnbull Canyon	75-B			Middle Mohnian			
16047	Los Angeles	Whittier	630	23	Turnbull Canyon	75-B			Middle Mohnian			
16048	Los Angeles	Whittier	630	24	Turnbull Canyon	75-B			Middle Mohnian			
16049	Los Angeles	La Habra	631	1	Canada Verde Ck	74-G	see strat map		Delmontian			
16050	Los Angeles	La Habra	631	2	Canada Verde Ck	74-G	loc # 598		Delmontian			
16051	Los Angeles	La Habra	631	3	Canada Verde Ck	74-G			Delmontian			
16052	Los Angeles	La Habra	631	4	Canada Verde Ck	74-G			Delmontian			
16053	Los Angeles	La Habra	631	5	Canada Verde Ck	74-G			Delmontian			
16054	Los Angeles	La Habra	631	6	Canada Verde Ck	74-G			Delmontian			
16055	Los Angeles	La Habra	631	7	Canada Verde Ck	74-G			Delmontian			
16056	Los Angeles	La Habra	631	8	Canada Verde Ck	74-G			Delmontian			
16057	Los Angeles	La Habra	631	9	Canada Verde Ck	74-G			Delmontian			
16058	Los Angeles	La Habra	631	10	Canada Verde Ck	74-G			Delmontian			
16059	Los Angeles	La Habra	631	11	Canada Verde Ck	74-G			Delmontian			
16060	Los Angeles	La Habra	631	12	Canada Verde Ck	74-G			Delmontian			
16061	Los Angeles	La Habra	631	13	Canada Verde Ck	74-G			Delmontian			
16062	Los Angeles	La Habra	631	14	Canada Verde Ck	74-G			Delmontian			
16063	Los Angeles	La Habra	631	15	Canada Verde Ck	74-G			Delmontian			
16064	Los Angeles	La Habra	631	16	Canada Verde Ck	74-G			Delmontian			
16065	Los Angeles	La Habra	631	17	Canada Verde Ck	74-G			Delmontian			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
16151	Los Angeles	La Habra	632	48	Canada Verde Ck	74-M			Mohnian			
16152	Los Angeles	La Habra	632	49	Canada Verde Ck	74-M			Mohnian			
16153	Los Angeles	La Habra	632	50	Canada Verde Ck	74-M			Mohnian			
16154	Los Angeles	La Habra	632	51	Canada Verde Ck	74-M			Mohnian			
16155	Los Angeles	La Habra	632	52	Canada Verde Ck	74-M			Mohnian			
16156	Los Angeles	La Habra	632	53	Canada Verde Ck	74-M			Mohnian			
16157	Los Angeles	La Habra	632	54	Canada Verde Ck	74-M			Mohnian			
16158	Los Angeles	La Habra	632	55	Canada Verde Ck	74-M			Mohnian			
16159	Los Angeles	La Habra	632	56	Canada Verde Ck	74-M			Mohnian			
16160	Los Angeles	La Habra	632	57	Canada Verde Ck	74-M			Mohnian			
16161	Los Angeles	La Habra	632	58	Canada Verde Ck	74-M			Mohnian			
16162	Los Angeles	La Habra	632	59	Canada Verde Ck	74-M			Mohnian			
16163	Los Angeles	La Habra	632	60	Canada Verde Ck	74-M			Mohnian			
16164	Los Angeles	La Habra	632	61	Canada Verde Ck	74-M			Mohnian			
16165	Los Angeles	La Habra	632	62	Canada Verde Ck	74-M			Mohnian			
16166	Los Angeles	La Habra	632	63	Canada Verde Ck	74-M			Mohnian			
16167	Los Angeles	La Habra	632	64	Canada Verde Ck	74-M			Mohnian			
16168	Los Angeles	La Habra	632	65	Canada Verde Ck	74-M			Mohnian			
16169	Los Angeles	La Habra	632	66	Canada Verde Ck	74-M			Mohnian			
16170	Los Angeles	La Habra	632	67	Canada Verde Ck	74-M			Mohnian			
16171	Los Angeles	La Habra	632	68	Canada Verde Ck	74-M			Mohnian			
16172	Los Angeles	La Habra	632	69	Canada Verde Ck	74-M			Mohnian			
16173	Los Angeles	La Habra	632	70	Canada Verde Ck	74-M			Mohnian			
16174	Los Angeles	La Habra	632	71	Canada Verde Ck	74-M			Mohnian			
16175	Solano	Mt Vaca	632		Pleasant Ck	A-8			Upper Cretaceous	Kirby		
16176	Los Angeles	La Habra	633	16	slides 1-5 missing	74-K			Mohnian			
16177	Los Angeles	La Habra	633	17	Canada Verde Ck	74-K	see strat map		Mohnian			
16178	Los Angeles	La Habra	633	18	Canada Verde Ck	74-K	loc # 598		Mohnian			
16179	Los Angeles	La Habra	633	19	Canada Verde Ck	74-K			Mohnian			
16180	Los Angeles	La Habra	633	20	Canada Verde Ck	74-K			Mohnian			
16181	Los Angeles	La Habra	633	21	Canada Verde Ck	74-K			Mohnian			
16182	Los Angeles	La Habra	633	22	Canada Verde Ck	74-K			Mohnian			
16183	Los Angeles	La Habra	633	23	Canada Verde Ck	74-K			Mohnian			
16184	Los Angeles	La Habra	633	24	Canada Verde Ck	74-K			Mohnian			
16185	Los Angeles	La Habra	633	25	Canada Verde Ck	74-K			Mohnian			
16186	Los Angeles	La Habra	633	26	Canada Verde Ck	74-K			Mohnian			
16187	Los Angeles	La Habra	633	27	Canada Verde Ck	74-K			Mohnian			
16188	Los Angeles	La Habra	633	28	Canada Verde Ck	74-K			Mohnian			
16189	Los Angeles	La Habra	633	29	Canada Verde Ck	74-K			Mohnian			
16190	Los Angeles	La Habra	633	30	Canada Verde Ck	74-K			Mohnian			
16191	Los Angeles	La Habra	633	31	Canada Verde Ck	74-K			Mohnian			
16192	Los Angeles	La Habra	633	32	Canada Verde Ck	74-K			Mohnian			
16193	Los Angeles	La Habra	633	33	Canada Verde Ck	74-K			Mohnian			
16194	Los Angeles	La Habra	633	34	Canada Verde Ck	74-K			Mohnian			
16195	Los Angeles	La Habra	633	35	Canada Verde Ck	74-K			Mohnian			
16196	Los Angeles	La Habra	633	36	Canada Verde Ck	74-K			Mohnian			
16197	Los Angeles	La Habra	633	37	Canada Verde Ck	74-K			Mohnian			
16198	Los Angeles	La Habra	633	38	Canada Verde Ck	74-K			Mohnian			
16199	Los Angeles	La Habra	633	39	Canada Verde Ck	74-K			Mohnian			
16200	Los Angeles	La Habra	633	40	Canada Verde Ck	74-K			Mohnian			
16201	Los Angeles	La Habra	633	41	Canada Verde Ck	74-K			Mohnian			
16202	Los Angeles	La Habra	633	42	Canada Verde Ck	74-K			Mohnian			
16203	Los Angeles	La Habra	633	43	Canada Verde Ck	74-K			Mohnian			
16204	Los Angeles	La Habra	633	44	Canada Verde Ck	74-K			Mohnian			
16205	Los Angeles	La Habra	633	45	Canada Verde Ck	74-K			Mohnian			
16206	Los Angeles	La Habra	633	46	Canada Verde Ck	74-K			Mohnian			
16207	Los Angeles	La Habra	633	47	Canada Verde Ck	74-K			Mohnian			
16208	Los Angeles	La Habra	633	48	Canada Verde Ck	74-K			Mohnian			
16209	Los Angeles	La Habra	633	49	Canada Verde Ck	74-K			Mohnian			
16210	Los Angeles	La Habra	633	50	Canada Verde Ck	74-K			Mohnian			
16211	Los Angeles	La Habra	633	51	Canada Verde Ck	74-K			Mohnian			
16212	Los Angeles	La Habra	633	52	Canada Verde Ck	74-K			Mohnian			
16213	Los Angeles	La Habra	633	53	Canada Verde Ck	74-K			Mohnian			
16214	Los Angeles	La Habra	633	54	Canada Verde Ck	74-K			Mohnian			
16215	Los Angeles	La Habra	633	55	Canada Verde Ck	74-K			Mohnian			
16216	Los Angeles	La Habra	633	56	Canada Verde Ck	74-K			Mohnian			
16217	Los Angeles	La Habra	633	57	Canada Verde Ck	74-K			Mohnian			
16218	Los Angeles	La Habra	633	58	Canada Verde Ck	74-K			Mohnian			
16219	Los Angeles	La Habra	633	59	Canada Verde Ck	74-K			Mohnian			
16220	Los Angeles	La Habra	633	60	Canada Verde Ck	74-K			Mohnian			
16221	Los Angeles	La Habra	633	61	Canada Verde Ck	74-K			Mohnian			
16222	Los Angeles	La Habra	633	62	Canada Verde Ck	74-K			Mohnian			
16223	Los Angeles	La Habra	633	63	Canada Verde Ck	74-K			Mohnian			
16224	Los Angeles	La Habra	633	64	Canada Verde Ck	74-K			Mohnian			
16225	Los Angeles	La Habra	633	65	Canada Verde Ck	74-K			Mohnian			
16226	Los Angeles	La Habra	633	66	Canada Verde Ck	74-K			Mohnian			
16227	Los Angeles	La Habra	633	67	Canada Verde Ck	74-K			Mohnian			
16228	Los Angeles	La Habra	633	68	Canada Verde Ck	74-K			Mohnian			
16229	Los Angeles	La Habra	633	69	Canada Verde Ck	74-K			Mohnian			
16230	Los Angeles	La Habra	633	70	Canada Verde Ck	74-K			Mohnian			
16231	Los Angeles	La Habra	633	71	Canada Verde Ck	74-K			Mohnian			
16232	Los Angeles	La Habra	633	72	Canada Verde Ck	74-K			Mohnian			
16233	Los Angeles	La Habra	633	73	Canada Verde Ck	74-K			Mohnian			
16234	Los Angeles	La Habra	633	74	Canada Verde Ck	74-K			Mohnian			
16235	Los Angeles	La Habra	633	75	Canada Verde Ck	74-K			Mohnian			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
16236	Los Angeles	La Habra	633	76	Canada Verde Ck	74-K			Mohnian			
16237	Los Angeles	La Habra	633	77	Canada Verde Ck	74-K			Mohnian			
16238	Los Angeles	La Habra	633	78	Canada Verde Ck	74-K			Mohnian			
16239	Los Angeles	La Habra	633	79	Canada Verde Ck	74-K			Mohnian			
16240	Los Angeles	La Habra	633	80	Canada Verde Ck	74-K			Mohnian			
16241	Los Angeles	La Habra	633	81	Canada Verde Ck	74-K			Mohnian			
16242	Los Angeles	La Habra	633	82	Canada Verde Ck	74-K			Mohnian			
16243	Los Angeles	La Habra	633	83	Canada Verde Ck	74-K			Mohnian			
16244	Los Angeles	La Habra	633	84	Canada Verde Ck	74-K			Mohnian			
16245	Los Angeles	La Habra	633	85	Canada Verde Ck	74-K			Mohnian			
16246	Los Angeles	La Habra	633	86	Canada Verde Ck	74-K			Mohnian			
16247	Los Angeles	La Habra	633	87	Canada Verde Ck	74-K			Mohnian			
16248	Los Angeles	La Habra	633	88	Canada Verde Ck	74-K			Mohnian			
16249	Los Angeles	La Habra	633	89	Canada Verde Ck	74-K			Mohnian			
16250	Los Angeles	La Habra	633	90	Canada Verde Ck	74-K			Mohnian			
16251	Los Angeles	La Habra	633	91	Canada Verde Ck	74-K			Mohnian			
16252	Los Angeles	La Habra	633	92	Canada Verde Ck	74-K			Mohnian			
16253	Los Angeles	La Habra	633	93	Canada Verde Ck	74-K			Mohnian			
16254	Los Angeles	La Habra	633	94	Canada Verde Ck	74-K			Mohnian			
16255	Los Angeles	La Habra	633	95	Canada Verde Ck	74-K			Mohnian			
16256	Los Angeles	La Habra	633	96	Canada Verde Ck	74-K			Mohnian			
16257	Solano	Mount Vaca	634		N of Miller Cyn	A-8			not diagnostic	Kirby		
16258	Solano	Mount Vaca	635		W of Putnam Pk	A-9			Eocene	Kirby		
16259	Solano	Mount Vaca	636		W of Oakdale Sch	A-9			U Cret E zone	Kirby		
16260	Ventura	Simi Valley East	639	1	Poison Oak Canyo	83-N	strat column and	NP also	Paleocene	Ruth &		
16261	Ventura	Simi Valley East	639	1A	Poison Oak Canyo	83-N	foram check list		Paleocene	Ruth &		
16262	Ventura	Simi Valley East	639	3	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16263	Ventura	Simi Valley East	639	5	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16264	Ventura	Simi Valley East	639	7	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16265	Ventura	Simi Valley East	639	9	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16266	Ventura	Simi Valley East	639	11	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16267	Ventura	Simi Valley East	639	13	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16268	Ventura	Simi Valley East	639	15	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16269	Ventura	Simi Valley East	640	1	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16270	Ventura	Simi Valley East	640	3	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16271	Ventura	Simi Valley East	640	5	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16272	Ventura	Simi Valley East	640	7	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16273	Ventura	Simi Valley East	640	9	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16274	Ventura	Simi Valley East	640	13	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16275	Ventura	Simi Valley East	640	15	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16276	Ventura	Simi Valley East	640	17	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16277	Ventura	Simi Valley East	640	19	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16278	Ventura	Simi Valley East	640	21	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16279	Ventura	Simi Valley East	640	23	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16280	Ventura	Simi Valley East	640	25	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16281	Ventura	Simi Valley East	640	27	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16282	Ventura	Simi Valley East	640	29	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16283	Ventura	Simi Valley East	640	31	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16284	Ventura	Simi Valley East	640	33	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16285	Ventura	Simi Valley East	640	35	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16286	Ventura	Simi Valley East	640	37	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16287	Ventura	Simi Valley East	640	39	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16288	Ventura	Simi Valley East	640	41	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16289	Ventura	Simi Valley East	640	43	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16290	Ventura	Simi Valley East	640	45	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16291	Ventura	Simi Valley East	640	47	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16292	Ventura	Simi Valley East	640	49	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16293	Ventura	Simi Valley East	640	51	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16294	Ventura	Simi Valley East	640	53	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16295	Ventura	Simi Valley East	640	55	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16296	Ventura	Simi Valley East	640	57	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16297	Ventura	Simi Valley East	640	59	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16298	Ventura	Simi Valley East	640	61	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16299	Ventura	Simi Valley East	640	63	Poison Oak Canyo	83-N			Paleocene	Ruth &		
16300	Ventura	Simi Valley East	641	1	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16301	Ventura	Simi Valley East	641	slide 3	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16302	Ventura	Simi Valley East	641	5	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16303	Ventura	Simi Valley East	641	7	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16304	Ventura	Simi Valley East	641	9	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16305	Ventura	Simi Valley East	641	11	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16306	Ventura	Simi Valley East	641	31	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16307	Ventura	Simi Valley East	641	33	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16308	Ventura	Simi Valley East	641	35	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16309	Ventura	Simi Valley East	641	41	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16310	Ventura	Simi Valley East	641	45	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16311	Ventura	Simi Valley East	641	49	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16312	Ventura	Simi Valley East	641	53	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16313	Ventura	Simi Valley East	641	57	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16314	Ventura	Simi Valley East	641	61	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16315	Ventura	Simi Valley East	641	65	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16316	Ventura	Simi Valley East	641	69	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16317	Ventura	Simi Valley East	641	73	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16318	Ventura	Simi Valley East	641	75	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16319	Ventura	Simi Valley East	641	77	Poison Oak Canyo	85-G			Paleocene	Ruth &		
16320	Ventura	Simi Valley East	641	79	Poison Oak Canyo	85-G			Paleocene	Ruth &		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5 QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
16321	Ventura	Simi Valley East	641	81	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16322	Ventura	Simi Valley East	641	83	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16323	Ventura	Simi Valley East	641	85	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16324	Ventura	Simi Valley East	641	87	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16325	Ventura	Simi Valley East	641	89	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16326	Ventura	Simi Valley East	641	91	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16327	Ventura	Simi Valley East	641	93	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16328	Ventura	Simi Valley East	641	95	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16329	Ventura	Simi Valley East	641	97	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16330	Ventura	Simi Valley East	641	99	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16331	Ventura	Simi Valley East	641	101	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16332	Ventura	Simi Valley East	641	103	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16333	Ventura	Simi Valley East	641	105	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16334	Ventura	Simi Valley East	641	107	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16335	Ventura	Simi Valley East	641	109	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16336	Ventura	Simi Valley East	641	111	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16337	Ventura	Simi Valley East	641	113	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16338	Ventura	Simi Valley East	641	115	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16339	Ventura	Simi Valley East	641	117	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16340	Ventura	Simi Valley East	641	119	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16341	Ventura	Simi Valley East	641	121	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16342	Ventura	Simi Valley East	641	123	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16343	Ventura	Simi Valley East	641	125	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16344	Ventura	Simi Valley East	641	127	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16345	Ventura	Simi Valley East	641	129	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16346	Ventura	Simi Valley East	641	131	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16347	Ventura	Simi Valley East	641	133	Poison Oak Canyon	85-G			Paleocene	Ruth &		
16348	Contra Costa	Clayton	645		Kellogg	A-9	5/1N/1E		Eocene			
16349	Contra Costa	Clayton	646			A-9	not on map		barren			
16350	Orange	Dana Point	648	1	Coyote Bluff	68-I			barren or not diag.			
16351	Orange	Dana Point	648	2	Coyote Bluff	68-I			barren or not diag.			
16352	Orange	Dana Point	648	5	Coyote Bluff	68-I			barren or not diag.			
16353	Orange	Dana Point	648	6	Coyote Bluff	68-I			barren or not diag.			
16354	Orange	Dana Point	648	7	Coyote Bluff	68-I			barren or not diag.			
16355	Orange	Dana Point	648	15	Coyote Bluff	68-I			barren or not diag.			
16356	Orange	Dana Point	648	29	Coyote Bluff	68-I			barren or not diag.			
16357	Orange	Dana Point	648	30	Coyote Bluff	68-I			barren or not diag.			
16358	Orange	Dana Point	648	31	Coyote Bluff	68-I			barren or not diag.			
16359	Orange	Dana Point	648	32	Coyote Bluff	68-I			barren or not diag.			
16360	Orange	Dana Point	648	33	Coyote Bluff	68-I			barren or not diag.			
16361	Orange	Dana Point	648	34	Coyote Bluff	68-I			barren or not diag.			
16362	Orange	Dana Point	648	35	Coyote Bluff	68-I			barren or not diag.			
16363	Orange	Dana Point	648	36	Coyote Bluff	68-I			barren or not diag.			
16364	Orange	Dana Point	648	37	Coyote Bluff	68-I			barren or not diag.			
16365	Orange	Dana Point	648	38	Coyote Bluff	68-I			barren or not diag.			
16366	Orange	Dana Point	648	39	Coyote Bluff	68-I			barren or not diag.			
16367	Orange	Dana Point	648	40	Coyote Bluff	68-I			barren or not diag.			
16368	Orange	Dana Point	648	41	Coyote Bluff	68-I			barren or not diag.			
16369	Orange	Dana Point	648	42	Coyote Bluff	68-I			barren or not diag.			
16370	Orange	Dana Point	648	43	Coyote Bluff	68-I			barren or not diag.			
16371	Orange	Dana Point	648	44	Coyote Bluff	68-I			barren or not diag.			
16372	Orange	Dana Point	648	45	Coyote Bluff	68-I			barren or not diag.			
16373	Kern	Oil Center	648		Oil City	A-9		Domengine	Eocene			
16374	Ventura	Simi Valley East	649	1	SW part of quad	73-D	many dupes	age on NP	Paleocene	Colburn		
16375	Ventura	Simi Valley East	649	2	SW part of quad	73-D	old Santa	age on NP	Paleocene	Colburn		
16376	Ventura	Simi Valley East	649	3	SW part of quad	73-D	Susana Quad	age on NP	Paleocene	Colburn		
16377	Ventura	Simi Valley East	649	3A	SW part of quad	73-D		age on NP	no paleo info	Colburn		
16378	Ventura	Simi Valley East	649	3B	SW part of quad	73-D		age on NP	no paleo info	Colburn		
16379	Ventura	Simi Valley East	649	4	SW part of quad	73-D		age on NP	barren	Colburn		
16380	Ventura	Simi Valley East	649	4A	SW part of quad	73-D		age on NP	no paleo info	Colburn		
16381	Ventura	Simi Valley East	649	4B	SW part of quad	73-D		age on NP	no paleo info	Colburn		
16382	Ventura	Simi Valley East	649	5	SW part of quad	73-D		age on NP	barren	Colburn		
16383	Ventura	Simi Valley East	649	6	SW part of quad	73-D		age on NP	barren	Colburn		
16384	Ventura	Simi Valley East	649	7	SW part of quad	73-D		age on NP	Lower Eocene	Colburn		
16385	Ventura	Simi Valley East	649	8	SW part of quad	73-D		age on NP	Lower Eocene	Colburn		
16386	Ventura	Simi Valley East	649	9	SW part of quad	73-E		age on NP	Lower Eocene	Colburn		
16387	Ventura	Simi Valley East	649	10	SW part of quad	73-E		age on NP	no paleo info	Colburn		
16388	Ventura	Simi Valley East	649	11	SW part of quad	73-E		age on NP	Lower Eocene	Colburn		
16389	Ventura	Simi Valley East	649	12	SW part of quad	73-E		age on NP	Eocene	Colburn		
16390	Ventura	Simi Valley East	649	13	SW part of quad	73-E		age on NP	Lower Eocene	Colburn		
16391	Ventura	Simi Valley East	649	14	SW part of quad	73-E		age on NP	Eocene	Colburn		
16392	Ventura	Simi Valley East	649	15	SW part of quad	73-E		age on NP	Lower Eocene	Colburn		
16393	Ventura	Simi Valley East	649	15A	SW part of quad	73-E		age on NP	no paleo info	Colburn		
16394	Ventura	Simi Valley East	649	15B	SW part of quad	73-E		age on NP	no paleo info	Colburn		
16395	Ventura	Simi Valley East	649	16	SW part of quad	73-E		age on NP	Lower Eocene	Colburn		
16396	Ventura	Simi Valley East	649	17	SW part of quad	73-E		age on NP	Lower Eocene	Colburn		
16397	Ventura	Simi Valley East	649	18	SW part of quad	73-E		age on NP	Lower Eocene	Colburn		
16398	Ventura	Simi Valley East	649	19	SW part of quad	73-E		age on NP	not diagnostic	Colburn		
16399	Ventura	Simi Valley East	649	20	SW part of quad	73-E		age on NP	barren	Colburn		
16400	Ventura	Simi Valley East	649	21	SW part of quad	73-E		age on NP	Lower Eocene	Colburn		
16401	Kern	Oil Center?	649		not on map	A-9	Coalinga on slide	Domengine	Eocene			
16402	Kern	Oil Center?	650		not on map	A-9	Oil city on slide	Meganos	Paleocene?			
16403	Kern	Oil Center?	651		not on map	A-9	Oil city on slide	Meganos	Paleocene?			
16404	Orange	Newport Beach	651	E3	E Newport Bay	86-E		slide age	Pliocene			
16405	Orange	Newport Beach	651	5	E Newport Bay	81-N		age from map	Middle Miocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
16491	Los Angeles	La Habra	652	122	Arroyo San Miguel	76-G			Pliocene			
16492	Los Angeles	La Habra	652	123	Arroyo San Miguel	76-G			Pliocene			
16493	Los Angeles	La Habra	652	124	Arroyo San Miguel	76-G			Pliocene			
16494	Los Angeles	La Habra	652	125	Arroyo San Miguel	76-G			Pliocene			
16495	Los Angeles	La Habra	652	157	Arroyo San Miguel	76-G			Pliocene			
16496	Los Angeles	La Habra	652	158	Arroyo San Miguel	76-G			Pliocene			
16497	Los Angeles	La Habra	652	159	Arroyo San Miguel	76-G			Pliocene			
16498	Los Angeles	La Habra	652	160	Arroyo San Miguel	76-H			Pliocene			
16499	Los Angeles	La Habra	652	162	Arroyo San Miguel	76-H			Pliocene			
16500	Los Angeles	La Habra	652	163	Arroyo San Miguel	76-H			Pliocene			
16501	Los Angeles	La Habra	652	164	Arroyo San Miguel	76-H			Pliocene			
16502	Los Angeles	La Habra	652	166	Arroyo San Miguel	76-H			Pliocene			
16503	Los Angeles	La Habra	652	167	Arroyo San Miguel	76-H			Pliocene			
16504	Los Angeles	La Habra	652	168	Arroyo San Miguel	76-H			Pliocene			
16505	Los Angeles	La Habra	652	170	Arroyo San Miguel	76-H			Pliocene			
16506	Los Angeles	La Habra	652	171	Arroyo San Miguel	76-H			Pliocene			
16507	Los Angeles	La Habra	652	172	Arroyo San Miguel	76-H			Pliocene			
16508	Los Angeles	La Habra	652	173	Arroyo San Miguel	76-H			Pliocene			
16509	Los Angeles	La Habra	652	174	Arroyo San Miguel	76-H			Pliocene			
16510	Los Angeles	Whittier	652	175	Arroyo San Miguel	76-H			Pliocene			
16511	Orange	Tustin	654	6	Bonita Creek	73-F	Strat column and		Middle Miocene			
16512	Orange	Tustin	654	27	Bonita Creek	73-F	foram check list		Saucesian			
16513	Orange	Tustin	654	33	Bonita Creek	73-F			Saucesian			
16514	Orange	Tustin	654	34	Bonita Creek	73-F			Saucesian			
16515	Orange	Tustin	654	35	Bonita Creek	73-F			no paloe info			
16516	Orange	Tustin	654	36	Bonita Creek	73-F			no paloe info			
16517	Orange	Tustin	654	40	Bonita Creek	73-F			no paloe info			
16518	Orange	Tustin	654	41	Bonita Creek	73-F			no paloe info			
16519	Orange	Tustin	654	43	Coyote Canyon	73-F			Saucesian			
16520	Orange	Tustin	654	45A	Coyote Canyon	73-F			Saucesian			
16521	Orange	Tustin	654	47	Coyote Canyon	73-F			Saucesian			
16522	Orange	Tustin	654	48	Coyote Canyon	73-F			Saucesian			
16523	Orange	Tustin	654	49	Coyote Canyon	73-F			Saucesian			
16524	Orange	Laguna Beach	654	50	Coyote Canyon	73-F			Saucesian			
16525	Orange	Laguna Beach	654	51	Coyote Canyon	73-F			Saucesian			
16526	Orange	Laguna Beach	654	53	Coyote Canyon	73-F			Saucesian			
16527	Orange	Laguna Beach	654	54	Coyote Canyon	73-F			Saucesian			
16528	Orange	Laguna Beach	654	56	Coyote Canyon	73-F			Saucesian			
16529	Orange	Laguna Beach	654	58	Coyote Canyon	73-F			Zemorrian			
16530	Orange	Laguna Beach	654	59	Coyote Canyon	73-F			Zemorrian			
16531	Orange	Laguna Beach	654	60	Coyote Canyon	73-F			Zemorrian			
16532	Orange	Laguna Beach	654	67	Coyote Canyon	73-F			Zemorrian			
16533	Orange	Laguna Beach	654	68	Coyote Canyon	73-F			Zemorrian			
16534	Orange	Laguna Beach	654	71	Coyote Canyon	73-F			Zemorrian			
16535	Orange	Laguna Beach	654	82	Coyote Canyon	73-F			Saucesian			
16536	Orange	Laguna Beach	654	89	Coyote Canyon	73-F			Saucesian			
16537	Orange	Laguna Beach	654	97	Coyote Canyon	73-F			Saucesian			
16538	Orange	Laguna Beach	654	99	Coyote Canyon	73-L			Saucesian			
16539	Orange	Laguna Beach	654	106	Coyote Canyon	73-F			Saucesian			
16540	Orange	Laguna Beach	654	108	Coyote Canyon	73-F			Saucesian			
16541	Orange	Laguna Beach	654	109	Coyote Canyon	73-F			Saucesian			
16542	Orange	Laguna Beach	654	110	Coyote Canyon	73-F			Saucesian			
16543	Orange	Laguna Beach	654	111	Coyote Canyon	73-F			Saucesian			
16544	Orange	Laguna Beach	654	112	Coyote Canyon	73-F			Saucesian			
16545	Orange	Laguna Beach	654	113	Coyote Canyon	73-F			Saucesian			
16546	Orange	Laguna Beach	654	115	Coyote Canyon	73-F			Saucesian			
16547	Orange	Laguna Beach	654	116	Coyote Canyon	73-F			Saucesian			
16548	Orange	Laguna Beach	654	117	Coyote Canyon	73-F			Saucesian			
16549	Orange	Laguna Beach	654	119	Coyote Canyon	73-F			Saucesian			
16550	Orange	Laguna Beach	655	3	Signal Peak	73-C	Strat column and		Middle Miocene			
16551	Orange	Laguna Beach	655	4	Signal Peak	73-C			Middle Miocene			
16552	Orange	Laguna Beach	655	6	Signal Peak	73-C			Middle Miocene			
16553	Orange	Laguna Beach	655	8	Signal Peak	73-C			Middle Miocene			
16554	Orange	Laguna Beach	655	9	Signal Peak	73-C			Middle Miocene			
16555	Orange	Laguna Beach	655	11	Signal Peak	73-C			Middle Miocene			
16556	Orange	Laguna Beach	655	19A	Signal Peak	73-C			Middle Miocene			
16557	Orange	Laguna Beach	655	21	Signal Peak	73-C			Middle Miocene			
16558	Orange	Laguna Beach	656	15	Moro Canyon	228-C			Middle Miocene			
16559	Orange	Laguna Beach	656	15RW	Moro Canyon	228-C			Middle Miocene			
16560	Contra Costa	Antioch South	657		Mt Diablo	E-9	151N/1E	Martinez	Paleocene E zone			
16561	Los Angeles	San Dimas	669	1	East Covina	76-N			Middle Mohnian			
16562	Los Angeles	San Dimas	669	2	East Covina	76-N			Middle Mohnian			
16563	Los Angeles	San Dimas	669	3	East Covina	76-N			Middle Mohnian			
16564	Los Angeles	San Dimas	669	4	East Covina	76-N			Middle Mohnian			
16565	Los Angeles	San Dimas	669	5	East Covina	76-N			Middle Mohnian			
16566	Los Angeles	San Dimas	669	6	East Covina	76-N			Middle Mohnian			
16567	Los Angeles	San Dimas	669	7	East Covina	76-N			Middle Mohnian			
16568	Los Angeles	San Dimas	669	8	East Covina	76-N			Middle Mohnian			
16569	Los Angeles	San Dimas	669	9	East Covina	76-N			Middle Mohnian			
16570	Los Angeles	San Dimas	669	10	East Covina	76-N			Middle Mohnian			
16571	Los Angeles	San Dimas	669	11	East Covina	76-N			Middle Mohnian			
16572	Los Angeles	San Dimas	669	12	East Covina	76-N			Middle Mohnian			
16573	Los Angeles	San Dimas	669	13	East Covina	76-N			Middle Mohnian			
16574	Los Angeles	San Dimas	669	14	East Covina	76-N			Middle Mohnian			
16575	Los Angeles	San Dimas	669	15	East Covina	76-N			Middle Mohnian			

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
16576	Los Angeles	San Dimas	669	16	East Covina	76-N			Middle Mohnian			
16577	Los Angeles	San Dimas	669	17	East Covina	76-N			Middle Mohnian			
16578	Los Angeles	San Dimas	669	18	East Covina	76-N			Middle Mohnian			
16579	Los Angeles	San Dimas	669	19	East Covina	76-N			Middle Mohnian			
16580	Los Angeles	San Dimas	669	20	East Covina	76-N			Middle Mohnian			
16581	Los Angeles	San Dimas	669	21	East Covina	76-N			Middle Mohnian			
16582	Los Angeles	San Dimas	669	22	East Covina	76-N			Middle Mohnian			
16583	Los Angeles	San Dimas	669	23	East Covina	76-N			Middle Mohnian			
16584	Los Angeles	San Dimas	669	24	East Covina	76-N			Middle Mohnian			
16585	Los Angeles	San Dimas	669	25	East Covina	76-N			Middle Mohnian			
16586	Los Angeles	San Dimas	669	26	East Covina	76-N			Middle Mohnian			
16587	Los Angeles	San Dimas	669	27	East Covina	76-N			Middle Mohnian			
16588	Los Angeles	San Dimas	669	28	East Covina	76-N			Middle Mohnian			
16589	Los Angeles	San Dimas	669	29	East Covina	76-N			Middle Mohnian			
16590	Los Angeles	San Dimas	669	30	East Covina	76-N			Middle Mohnian			
16591	Los Angeles	San Dimas	669	31	East Covina	76-N			Middle Mohnian			
16592	Los Angeles	San Dimas	669	32	East Covina	76-N			Middle Mohnian			
16593	Los Angeles	San Dimas	669	33	East Covina	76-N			Middle Mohnian			
16594	Los Angeles	San Dimas	669	34	East Covina	76-N			Middle Mohnian			
16595	Los Angeles	San Dimas	669	35	East Covina	76-N			Middle Mohnian			
16596	Los Angeles	San Dimas	669	36	East Covina	76-N			Middle Mohnian			
16597	Los Angeles	San Dimas	669	37	East Covina	76-N			Middle Mohnian			
16598	Los Angeles	San Dimas	669	38	East Covina	76-N			Middle Mohnian			
16599	Los Angeles	San Dimas	669	39	East Covina	76-N			Middle Mohnian			
16600	Los Angeles	San Dimas	669	40	East Covina	76-N			Middle Mohnian			
16601	Los Angeles	Glendora	671	1	SW part of quad	77-C	South Hills		Luisian			
16602	Los Angeles	Glendora	671	2	SW part of quad	77-C			Luisian			
16603	Los Angeles	Glendora	671	3	SW part of quad	77-C			Luisian			
16604	Los Angeles	Glendora	671	4	SW part of quad	77-C			Luisian			
16605	Los Angeles	Glendora	671	5	SW part of quad	77-C			Luisian			
16606	Los Angeles	Glendora	671	6	SW part of quad	77-C			Luisian			
16607	Los Angeles	Glendora	671	7	SW part of quad	77-C			Luisian			
16608	Los Angeles	Glendora	671	9	SW part of quad	77-C			Luisian			
16609	Los Angeles	Glendora	671	10	SW part of quad	77-C			Luisian			
16610	Los Angeles	Glendora	671	11	SW part of quad	77-C			Luisian			
16611	Los Angeles	Glendora	671	12	SW part of quad	77-C			Luisian			
16612	Los Angeles	Los Angeles	672	14	Newtonia Ave	75-J	strat column		Lower Mohnian	Floyd &		
16613	Los Angeles	Los Angeles	672	18	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16614	Los Angeles	Los Angeles	672	21	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16615	Los Angeles	Los Angeles	672	22	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16616	Los Angeles	Los Angeles	672	25	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16617	Los Angeles	Los Angeles	672	26	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16618	Los Angeles	Los Angeles	672	27	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16619	Los Angeles	Los Angeles	672	28	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16620	Los Angeles	Los Angeles	672	30	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16621	Los Angeles	Los Angeles	672	31	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16622	Los Angeles	Los Angeles	672	32	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16623	Los Angeles	Los Angeles	672	33	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16624	Los Angeles	Los Angeles	672	35	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16625	Los Angeles	Los Angeles	672	37	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16626	Los Angeles	Los Angeles	672	38	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16627	Los Angeles	Los Angeles	672	39	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16628	Los Angeles	Los Angeles	672	41	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16629	Los Angeles	Los Angeles	672	42	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16630	Los Angeles	Los Angeles	672	43	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16631	Los Angeles	Los Angeles	672	45	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16632	Los Angeles	Los Angeles	672	48	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16633	Los Angeles	Los Angeles	672	49	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16634	Los Angeles	Los Angeles	672	50	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
16635	Tehama	Chickabally Mountain	673	1	Dry Creek	148-I	see lot 239		Lower Cretaceous	Vaughan		
16636	Tehama	Chickabally Mountain	673	2	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16637	Tehama	Chickabally Mountain	673	3	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16638	Tehama	Chickabally Mountain	673	4	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16639	Tehama	Chickabally Mountain	673	5	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16640	Tehama	Chickabally Mountain	673	6	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16641	Tehama	Chickabally Mountain	673	7	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16642	Tehama	Chickabally Mountain	673	8	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16643	Tehama	Chickabally Mountain	673	9	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16644	Tehama	Chickabally Mountain	673	10	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16645	Tehama	Chickabally Mountain	673	11	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16646	Tehama	Chickabally Mountain	673	12	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16647	Tehama	Chickabally Mountain	673	13	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16648	Tehama	Chickabally Mountain	673	15	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16649	Tehama	Chickabally Mountain	673	16	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16650	Tehama	Chickabally Mountain	673	17	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16651	Tehama	Chickabally Mountain	673	18	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16652	Tehama	Chickabally Mountain	673	19	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16653	Tehama	Chickabally Mountain	673	21	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16654	Tehama	Chickabally Mountain	673	22	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16655	Tehama	Chickabally Mountain	673	23	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16656	Tehama	Chickabally Mountain	673	24	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16657	Tehama	Chickabally Mountain	673	25	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16658	Tehama	Chickabally Mountain	673	26	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16659	Tehama	Chickabally Mountain	673	27	Dry Creek	148-I			Lower Cretaceous	Vaughan		
16660	Tehama	Chickabally Mountain	673	28	Dry Creek	148-I			Lower Cretaceous	Vaughan		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
16916	Colusa	Sites	675	36	Funks Creek	151-L	Logoda 15'	not on map	U Cret F-1 zone	Hornung		
16917	Los Angeles	Baldwin Park	675	1	San Jose Hills	75-N	strat column		Pliocene	Padgham		
16918	Los Angeles	Baldwin Park	675	10	San Jose Hills	75-N			Upper Mohnian	Padgham		
16919	Los Angeles	Baldwin Park	675	23	San Jose Hills	75-N			Upper Mohnian	Padgham		
16920	Los Angeles	Baldwin Park	675	28	San Jose Hills	75-N			Upper Mohnian	Padgham		
16921	Los Angeles	Baldwin Park	675	29	San Jose Hills	75-N			Upper Mohnian	Padgham		
16922	Los Angeles	Baldwin Park	675	33	San Jose Hills	75-N			Upper Mohnian	Padgham		
16923	Los Angeles	Baldwin Park	675	34	San Jose Hills	75-N			Upper Mohnian	Padgham		
16924	Los Angeles	Baldwin Park	675	36	San Jose Hills	75-N			Upper Mohnian	Padgham		
16925	Los Angeles	Baldwin Park	675	37	San Jose Hills	75-N			Upper Mohnian	Padgham		
16926	Los Angeles	Baldwin Park	675	38	San Jose Hills	75-N			Upper Mohnian	Padgham		
16927	Los Angeles	Baldwin Park	675	39	San Jose Hills	75-N			Upper Mohnian	Padgham		
16928	Los Angeles	Baldwin Park	675	40	San Jose Hills	75-N			Upper Mohnian	Padgham		
16929	Los Angeles	Baldwin Park	675	41	San Jose Hills	75-N			Upper Mohnian	Padgham		
16930	Los Angeles	Baldwin Park	675	42	San Jose Hills	75-N			Upper Mohnian	Padgham		
16931	Los Angeles	Baldwin Park	675	43	San Jose Hills	75-N			Upper Mohnian	Padgham		
16932	Los Angeles	Baldwin Park	675	44	San Jose Hills	75-N			Upper Mohnian	Padgham		
16933	Los Angeles	Baldwin Park	675	45	San Jose Hills	75-N			Upper Mohnian	Padgham		
16934	Los Angeles	Baldwin Park	675	53	San Jose Hills	75-N			Upper Mohnian	Padgham		
16935	Los Angeles	Baldwin Park	675	58	San Jose Hills	75-N			Middle Mohnian	Padgham		
16936	Los Angeles	Baldwin Park	675	59	San Jose Hills	75-N			Middle Mohnian	Padgham		
16937	Los Angeles	Baldwin Park	675	69	San Jose Hills	75-N			Middle Mohnian	Padgham		
16938	Los Angeles	Baldwin Park	675	70	San Jose Hills	75-N			Middle Mohnian	Padgham		
16939	Los Angeles	Baldwin Park	675	71	San Jose Hills	75-N			Middle Mohnian	Padgham		
16940	Los Angeles	Baldwin Park	675	73	San Jose Hills	75-N			Middle Mohnian	Padgham		
16941	Los Angeles	Baldwin Park	675	74	San Jose Hills	75-N			Middle Mohnian	Padgham		
16942	Los Angeles	Baldwin Park	675	75	San Jose Hills	75-N			Middle Mohnian	Padgham		
16943	Los Angeles	Baldwin Park	675	77	San Jose Hills	75-N			Middle Mohnian	Padgham		
16944	Los Angeles	Baldwin Park	675	78	San Jose Hills	75-N			Middle Mohnian	Padgham		
16945	Los Angeles	Baldwin Park	675	79	San Jose Hills	75-N			Middle Mohnian	Padgham		
16946	Los Angeles	Baldwin Park	675	80	San Jose Hills	75-N			Middle Mohnian	Padgham		
16947	Los Angeles	Baldwin Park	675	81	San Jose Hills	75-N			Middle Mohnian	Padgham		
16948	Los Angeles	Baldwin Park	675	82	San Jose Hills	75-N			Middle Mohnian	Padgham		
16949	Los Angeles	Baldwin Park	675	83	San Jose Hills	75-N			Middle Mohnian	Padgham		
16950	Los Angeles	Baldwin Park	675	84	San Jose Hills	75-N			Middle Mohnian	Padgham		
16951	Los Angeles	Baldwin Park	675	85	San Jose Hills	75-N			Middle Mohnian	Padgham		
16952	Los Angeles	Baldwin Park	675	86	San Jose Hills	75-N			Middle Mohnian	Padgham		
16953	Los Angeles	Baldwin Park	675	87	San Jose Hills	75-N			Middle Mohnian	Padgham		
16954	Los Angeles	Baldwin Park	675	88	San Jose Hills	75-N			Middle Mohnian	Padgham		
16955	Colusa	Salt Canyon	676	1	Bear Creek	148-A	Wilbur Springs 15'	Have strat	U Cret J-1 zone	Raydon		
16956	Colusa	Salt Canyon	676	2	Bear Creek	148-A	Wilbur Springs 15'	column and	U Cret J-1 zone	Raydon		
16957	Colusa	Salt Canyon	676	3	Bear Creek	148-A	Wilbur Springs 15'	foram check	U Cret J-1 zone	Raydon		
16958	Colusa	Salt Canyon	676	4	Bear Creek	148-A	Wilbur Springs 15'	list	U Cret J-1 zone	Raydon		
16959	Colusa	Salt Canyon	676	5	Bear Creek	148-A	Wilbur Springs 15'		L Cret J-1 zone	Raydon		
16960	Colusa	Salt Canyon	676	6	Bear Creek	148-A	Wilbur Springs 15'		L Cret J-1 zone	Raydon		
16961	Los Angeles	Baldwin Park	676	21	EC part of quad	75-M			Mohnian			
16962	Los Angeles	San Dimas	677	5	San Jose Hills	75-H	Have strat column		Lower Mohnian			
16963	Los Angeles	San Dimas	677	6	San Jose Hills	75-H			Lower Mohnian			
16964	Los Angeles	San Dimas	677	7	San Jose Hills	75-H			not diagnostic			
16965	Los Angeles	San Dimas	677	8	San Jose Hills	75-H			Lower Mohnian			
16966	Los Angeles	San Dimas	677	9	San Jose Hills	75-H			Lower Mohnian			
16967	Tehama	Oxbow Bridge	677	1	Cottonwood Creek	150-K	Colyear Sps 15'	Have strat	U Cret G-2 zone	Raydon		
16968	Tehama	Oxbow Bridge	677	3	Cottonwood Creek	150-K	Colyear Sps 15'	column and	U Cret G-2 zone	Raydon		
16969	Tehama	Oxbow Bridge	677	4	Cottonwood Creek	150-K	Colyear Sps 15'	foram check	U Cret G-2 zone	Raydon		
16970	Tehama	Oxbow Bridge	677	5	Cottonwood Creek	150-K	Colyear Sps 15'	list	U Cret G-2 zone	Raydon		
16971	Tehama	Oxbow Bridge	677	6	Cottonwood Creek	150-K	Colyear Sps 15'		U Cret G-2 zone	Raydon		
16972	Tehama	Oxbow Bridge	677	7	Cottonwood Creek	150-K	Colyear Sps 15'		U Cret G or H zone	Raydon		
16973	Tehama	Oxbow Bridge	677	8	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16974	Tehama	Oxbow Bridge	677	9	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16975	Tehama	Oxbow Bridge	677	10	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16976	Tehama	Oxbow Bridge	677	11	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16977	Tehama	Oxbow Bridge	677	12	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16978	Tehama	Oxbow Bridge	677	13	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16979	Tehama	Oxbow Bridge	677	14	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16980	Tehama	Oxbow Bridge	677	15	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16981	Tehama	Oxbow Bridge	677	16	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16982	Tehama	Oxbow Bridge	677	17	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16983	Tehama	Oxbow Bridge	677	18	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16984	Tehama	Oxbow Bridge	677	19	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16985	Tehama	Oxbow Bridge	677	20	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16986	Tehama	Oxbow Bridge	677	21	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16987	Tehama	Oxbow Bridge	677	22	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16988	Tehama	Oxbow Bridge	677	23	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16989	Tehama	Oxbow Bridge	677	24	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16990	Tehama	Oxbow Bridge	677	25	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16991	Tehama	Oxbow Bridge	677	26	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16992	Tehama	Oxbow Bridge	677	27	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16993	Tehama	Oxbow Bridge	677	28	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16994	Tehama	Oxbow Bridge	677	29	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16995	Tehama	Oxbow Bridge	677	30	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16996	Tehama	Oxbow Bridge	677	31	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16997	Tehama	Oxbow Bridge	677	32	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16998	Tehama	Oxbow Bridge	677	33	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
16999	Tehama	Oxbow Bridge	677	34	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17000	Tehama	Oxbow Bridge	677	35	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
17341	Orange	Dana Point	684	44	Deep Canyon	68-K			no paleo report			
17342	Orange	Dana Point	684	45	Deep Canyon	68-K			no paleo report			
17343	Los Angeles	Los Angeles	686	1	Arroyo Seco Park	77-C			Mohnian			
17344	Los Angeles	Los Angeles	686	2	Arroyo Seco Park	77-C			Mohnian			
17345	Los Angeles	Los Angeles	686	6	Arroyo Seco Park	77-C			Mohnian			
17346	Los Angeles	Los Angeles	686	7	Arroyo Seco Park	77-C			Mohnian			
17347	Los Angeles	Los Angeles	686	8	Arroyo Seco Park	77-C			Mohnian			
17348	Los Angeles	Los Angeles	686	9	Arroyo Seco Park	77-C			Mohnian			
17349	Los Angeles	Los Angeles	686	10	Arroyo Seco Park	77-C			Mohnian			
17350	Los Angeles	Los Angeles	686	11	Arroyo Seco Park	77-C			Mohnian			
17351	Los Angeles	Los Angeles	686	12	Arroyo Seco Park	77-C			Mohnian			
17352	Los Angeles	Los Angeles	686	13	Arroyo Seco Park	77-C			Mohnian			
17353	Los Angeles	Los Angeles	686	15	Arroyo Seco Park	77-C			Mohnian			
17354	Los Angeles	Los Angeles	686	16	Arroyo Seco Park	77-C			Mohnian			
17355	Los Angeles	Los Angeles	686	17	Arroyo Seco Park	77-C			Mohnian			
17356	Los Angeles	Los Angeles	686	18	Arroyo Seco Park	77-C			Mohnian			
17357	Los Angeles	Los Angeles	686	19	Arroyo Seco Park	77-C			Mohnian			
17358	Los Angeles	Los Angeles	686	20	Arroyo Seco Park	77-C			Mohnian			
17359	Los Angeles	Los Angeles	686	21	Arroyo Seco Park	77-C			Mohnian			
17360	Los Angeles	Los Angeles	686	22	Arroyo Seco Park	77-C			Mohnian			
17361	Los Angeles	Los Angeles	687	2	Arroyo Seco Park	76-A	not on map		Mohnian			
17362	Los Angeles	Los Angeles	687	3	Arroyo Seco Park	76-A	not on map		Mohnian			
17363	Los Angeles	Los Angeles	687	4	Arroyo Seco Park	76-A	not on map		Mohnian			
17364	Los Angeles	Los Angeles	687	5	Arroyo Seco Park	76-A	not on map		Mohnian			
17365	Los Angeles	Los Angeles	687	6	Arroyo Seco Park	76-A	not on map		Mohnian			
17366	Los Angeles	Los Angeles	687	7	Arroyo Seco Park	76-A	not on map		Mohnian			
17367	Los Angeles	Los Angeles	687	8	Arroyo Seco Park	76-A	not on map		Mohnian			
17368	Los Angeles	El Monte	688	7	Rio Hondo	77-D	Repetto		Pliocene			
17369	Los Angeles	El Monte	688	9	Rio Hondo	77-D	Repetto		Pliocene			
17370	Los Angeles	El Monte	688	10	Rio Hondo	77-D	Repetto		Pliocene			
17371	Los Angeles	El Monte	688	11	Rio Hondo	77-D	Repetto		Pliocene			
17372	Los Angeles	El Monte	688	12	Rio Hondo	77-D	Repetto		Pliocene			
17373	Los Angeles	El Monte	688	13	Rio Hondo	77-D	Repetto		Pliocene			
17374	Monterey	Chews Ridge	702	1	Church Creek	141-M	Jamesburg 15'		not diagnostic	Bolin		
17375	Monterey	Chews Ridge	702	2	Church Creek	141-M	Jamesburg 15'		M Eocene A-2/C	Bolin		
17376	Monterey	Chews Ridge	702	3	Church Creek	141-M	Jamesburg 15'		M Eocene A-2/C	Bolin		
17377	Monterey	Chews Ridge	702	4	Church Creek	141-M	Jamesburg 15'		M Eocene A-2/C	Bolin		
17378	Monterey	Chews Ridge	702	5	Church Creek	141-M	Jamesburg 15'		M Eocene A-2/C	Bolin		
17379	Santa Cruz	Castle Rock Ridge	705	1	Bear Creek	15-N			Lower Zemorrian	Classen		
17380	Santa Cruz	Castle Rock Ridge	705	2	Bear Creek	15-N			Lower Zemorrian	Classen		
17381	Santa Cruz	Castle Rock Ridge	705	3	Bear Creek	15-N			Lower Zemorrian	Classen		
17382	Santa Cruz	Castle Rock Ridge	705	4	Bear Creek	15-N			Lower Zemorrian	Classen		
17383	Santa Cruz	Castle Rock Ridge	705	5	Bear Creek	15-N			Lower Zemorrian	Classen		
17384	Santa Cruz	Castle Rock Ridge	705	6	Bear Creek	15-N			Lower Zemorrian	Classen		
17385	Santa Cruz	Castle Rock Ridge	705	7	Bear Creek	15-N			Lower Zemorrian	Classen		
17386	Santa Cruz	Castle Rock Ridge	705	8	Bear Creek	15-N			Lower Zemorrian	Classen		
17387	Santa Cruz	Castle Rock Ridge	705	9	Bear Creek	15-N			Lower Zemorrian	Classen		
17388	Santa Cruz	Castle Rock Ridge	705	10	Bear Creek	15-N			Lower Zemorrian	Classen		
17389	Santa Cruz	Castle Rock Ridge	705	11	Bear Creek	15-N			Lower Zemorrian	Classen		
17390	Santa Cruz	Castle Rock Ridge	705	12	Bear Creek	15-N			Lower Zemorrian	Classen		
17391	Santa Cruz	Castle Rock Ridge	705	13	Bear Creek	15-N			Lower Zemorrian	Classen		
17392	Santa Cruz	Castle Rock Ridge	705	14	Bear Creek	15-N			Lower Zemorrian	Classen		
17393	Santa Cruz	Castle Rock Ridge	705	15	Bear Creek	15-N			Lower Zemorrian	Classen		
17394	Santa Cruz	Castle Rock Ridge	705	16	Bear Creek	15-N			Lower Zemorrian	Classen		
17395	Santa Cruz	Castle Rock Ridge	705	17	Bear Creek	15-N			Lower Zemorrian	Classen		
17396	Santa Cruz	Castle Rock Ridge	705	18	Bear Creek	15-N			Lower Zemorrian	Classen		
17397	Santa Cruz	Castle Rock Ridge	705	19	Bear Creek	15-N			Lower Zemorrian	Classen		
17398	Santa Cruz	Castle Rock Ridge	705	20	Bear Creek	15-N			Lower Zemorrian	Classen		
17399	Santa Cruz	Castle Rock Ridge	705	21	Bear Creek	15-N			Lower Zemorrian	Classen		
17400	Santa Cruz	Castle Rock Ridge	705	22	Bear Creek	15-N			Lower Zemorrian	Classen		
17401	Santa Cruz	Castle Rock Ridge	705	23	Bear Creek	15-N			Lower Zemorrian	Classen		
17402	Santa Cruz	Castle Rock Ridge	705	24	Bear Creek	15-N			Lower Zemorrian	Classen		
17403	Santa Cruz	Castle Rock Ridge	705	25	Bear Creek	15-N			Lower Zemorrian	Classen		
17404	Santa Cruz	Castle Rock Ridge	705	26	Bear Creek	15-N			Lower Zemorrian	Classen		
17405	Santa Cruz	Castle Rock Ridge	705	27	Bear Creek	15-N			Lower Zemorrian	Classen		
17406	Santa Cruz	Castle Rock Ridge	705	28	Bear Creek	15-N			Lower Zemorrian	Classen		
17407	Santa Cruz	Castle Rock Ridge	705	29	Bear Creek	15-N			Lower Zemorrian	Classen		
17408	Santa Cruz	Castle Rock Ridge	705	30	Bear Creek	15-N			Lower Zemorrian	Classen		
17409	Santa Cruz	Castle Rock Ridge	705	31	Bear Creek	15-N			Lower Zemorrian	Classen		
17410	Santa Cruz	Castle Rock Ridge	705	32	Bear Creek	15-N			Lower Zemorrian	Classen		
17411	Santa Cruz	Castle Rock Ridge	705	33	Bear Creek	15-N			Lower Zemorrian	Classen		
17412	Santa Cruz	Castle Rock Ridge	705	34	Bear Creek	15-N			Lower Zemorrian	Classen		
17413	Santa Cruz	Castle Rock Ridge	705	35	Bear Creek	15-N			Lower Zemorrian	Classen		
17414	Santa Cruz	Castle Rock Ridge	705	36	Bear Creek	15-N			Lower Zemorrian	Classen		
17415	Santa Cruz	Castle Rock Ridge	705	37	Bear Creek	15-N			Lower Zemorrian	Classen		
17416	Santa Cruz	Castle Rock Ridge	705	38	Bear Creek	15-N			Lower Zemorrian	Classen		
17417	Santa Cruz	Castle Rock Ridge	705	39	Bear Creek	15-N			Lower Zemorrian	Classen		
17418	Santa Cruz	Castle Rock Ridge	705	40	Bear Creek	15-N			Lower Zemorrian	Classen		
17419	Santa Cruz	Castle Rock Ridge	705	41	Bear Creek	15-N			Lower Zemorrian	Classen		
17420	Santa Cruz	Castle Rock Ridge	705	42	Bear Creek	15-N			Lower Zemorrian	Classen		
17421	Santa Cruz	Castle Rock Ridge	705	43	Bear Creek	15-N			Lower Zemorrian	Classen		
17422	Santa Cruz	Castle Rock Ridge	705	44	Bear Creek	15-N			Lower Zemorrian	Classen		
17423	Santa Cruz	Castle Rock Ridge	705	45	Bear Creek	15-N			Lower Zemorrian	Classen		
17424	Santa Cruz	Castle Rock Ridge	705	46	Bear Creek	15-N			Lower Zemorrian	Classen		
17425	Santa Cruz	Castle Rock Ridge	705	47	Bear Creek	15-N			Lower Zemorrian	Classen		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
17426	Santa Cruz	Castle Rock Ridge	705	48	Bear Creek	15-N			Lower Zemorrian	Classen		
17427	Santa Cruz	Castle Rock Ridge	705	49	Bear Creek	15-N			Lower Zemorrian	Classen		
17428	Santa Cruz	Castle Rock Ridge	705	50	Bear Creek	15-N			Lower Zemorrian	Classen		
17429	Santa Cruz	Castle Rock Ridge	705	51	Bear Creek	15-N			Lower Zemorrian	Classen		
17430	Santa Cruz	Castle Rock Ridge	705	52	Bear Creek	15-N			Upper Zemorrian	Classen		
17431	Santa Cruz	Castle Rock Ridge	705	53	Bear Creek	15-N			Upper Zemorrian	Classen		
17432	Santa Cruz	Castle Rock Ridge	705	54	Bear Creek	15-N			Upper Zemorrian	Classen		
17433	Santa Cruz	Castle Rock Ridge	705	slide 1	Bear Creek	15-N	picked slide		Zemorrian	Classen		
17434	Santa Cruz	Big Basin	706	1	San Lorenzo River	137-G	Have strat column		Zemorrian	Classen		
17435	Santa Cruz	Big Basin	706	1A	San Lorenzo River	137-G	and foram check		Zemorrian	Classen		
17436	Santa Cruz	Big Basin	706	2	San Lorenzo River	137-G	list		Zemorrian	Classen		
17437	Santa Cruz	Big Basin	706	3	San Lorenzo River	137-G			Zemorrian	Classen		
17438	Santa Cruz	Big Basin	706	4	San Lorenzo River	137-G			Zemorrian	Classen		
17439	Santa Cruz	Big Basin	706	5	San Lorenzo River	137-G			Zemorrian	Classen		
17440	Santa Cruz	Big Basin	706	6	San Lorenzo River	137-G			Zemorrian	Classen		
17441	Santa Cruz	Big Basin	706	7	San Lorenzo River	137-G			Zemorrian	Classen		
17442	Santa Cruz	Big Basin	706	8	San Lorenzo River	137-G			Zemorrian	Classen		
17443	Santa Cruz	Big Basin	706	9	San Lorenzo River	137-G			Zemorrian	Classen		
17444	Santa Cruz	Big Basin	706	10	San Lorenzo River	137-G			Zemorrian	Classen		
17445	Santa Cruz	Big Basin	706	11	San Lorenzo River	137-G			Zemorrian	Classen		
17446	Santa Cruz	Big Basin	706	12	San Lorenzo River	137-G			Zemorrian	Classen		
17447	Santa Cruz	Big Basin	706	13	San Lorenzo River	137-G			Zemorrian	Classen		
17448	Santa Cruz	Big Basin	706	14	San Lorenzo River	137-G			Zemorrian	Classen		
17449	Santa Cruz	Big Basin	706	15	San Lorenzo River	137-G			Zemorrian	Classen		
17450	Santa Cruz	Big Basin	706	16	San Lorenzo River	137-G			Zemorrian	Classen		
17451	Santa Cruz	Big Basin	706	17	San Lorenzo River	137-G			Zemorrian	Classen		
17452	Santa Cruz	Big Basin	706	18	San Lorenzo River	137-G			Zemorrian	Classen		
17453	Santa Cruz	Big Basin	706	19	San Lorenzo River	137-G			Zemorrian	Classen		
17454	Santa Cruz	Big Basin	706	20	San Lorenzo River	137-G			Zemorrian	Classen		
17455	Santa Cruz	Big Basin	706	21	San Lorenzo River	137-G			Zemorrian	Classen		
17456	Santa Cruz	Big Basin	706	22	San Lorenzo River	137-G			Zemorrian	Classen		
17457	Santa Cruz	Big Basin	706	23	San Lorenzo River	137-G			Zemorrian	Classen		
17458	Santa Cruz	Big Basin	706	24	San Lorenzo River	137-G			Zemorrian	Classen		
17459	Santa Cruz	Big Basin	706	25	San Lorenzo River	137-G			Zemorrian	Classen		
17460	Santa Cruz	Big Basin	706	26	San Lorenzo River	137-G			Zemorrian	Classen		
17461	Santa Cruz	Big Basin	706	27	San Lorenzo R	137-G			Refugian	Classen		
17462	Santa Cruz	Big Basin	706	28	San Lorenzo R	137-G			Refugian	Classen		
17463	Santa Cruz	Big Basin	706	29	San Lorenzo R	137-G			Refugian	Classen		
17464	Santa Cruz	Big Basin	706	30	San Lorenzo R	137-G			Refugian	Classen		
17465	Santa Cruz	Big Basin	706	31	San Lorenzo R	137-G			Refugian	Classen		
17466	Santa Cruz	Big Basin	706	32	San Lorenzo R	137-G			Refugian	Classen		
17467	Santa Cruz	Big Basin	706	33	San Lorenzo R	137-G			Refugian	Classen		
17468	Santa Cruz	Big Basin	706	34	San Lorenzo R	137-G			Refugian	Classen		
17469	Santa Cruz	Big Basin	706	35	San Lorenzo R	137-G			Eocene A zone	Classen		
17470	Santa Cruz	Big Basin	706	36	San Lorenzo R	137-G			Eocene A zone	Classen		
17471	Santa Cruz	Big Basin	706	37	San Lorenzo R	137-G			Eocene A zone	Classen		
17472	Santa Cruz	Big Basin	706	38	San Lorenzo R	137-G			Eocene A zone	Classen		
17473	Santa Cruz	Big Basin	706	39	San Lorenzo R	137-G			Eocene A zone	Classen		
17474	Santa Cruz	Big Basin	706	40	San Lorenzo R	137-G			Eocene A zone	Classen		
17475	Santa Cruz	Big Basin	706	41	San Lorenzo R	137-G			Eocene A zone	Classen		
17476	Santa Cruz	Big Basin	706	42	San Lorenzo R	137-G			Eocene A zone	Classen		
17477	Santa Cruz	Big Basin	706	43	San Lorenzo R	137-G			Eocene A zone	Classen		
17478	Santa Cruz	Big Basin	706	slide 1	San Lorenzo River	137-F	picked slide		Zemorrian	Classen		
17479	San Mateo	Half Moon Bay	707	1	along Lobitos Ck	139-C	Begins about 2000	Good example	Pliocene	Classen		
17480	San Mateo	Half Moon Bay	707	1A	along Lobitos Ck	139-C	feet NE of town of	of forams from	Pliocene	Classen		
17481	San Mateo	Half Moon Bay	707	4	along Lobitos Ck	139-C	Lobitos and ends at	Purisima Fm	Pliocene	Classen		
17482	San Mateo	Half Moon Bay	707	5	along Lobitos Ck	139-C	Martins Beach		Pliocene	Classen		
17483	San Mateo	Half Moon Bay	707	6	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17484	San Mateo	Half Moon Bay	707	7	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17485	San Mateo	Half Moon Bay	707	8	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17486	San Mateo	Half Moon Bay	707	9	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17487	San Mateo	Half Moon Bay	707	10	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17488	San Mateo	Half Moon Bay	707	12	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17489	San Mateo	Half Moon Bay	707	13	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17490	San Mateo	Half Moon Bay	707	14	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17491	San Mateo	Half Moon Bay	707	18	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17492	San Mateo	Half Moon Bay	707	20	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17493	San Mateo	Half Moon Bay	707	21	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17494	San Mateo	Half Moon Bay	707	22	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17495	San Mateo	Half Moon Bay	707	23	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17496	San Mateo	Half Moon Bay	707	25	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17497	San Mateo	Half Moon Bay	707	26	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17498	San Mateo	Half Moon Bay	707	29	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17499	San Mateo	Half Moon Bay	707	30	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17500	San Mateo	Half Moon Bay	707	31	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17501	San Mateo	Half Moon Bay	707	32	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17502	San Mateo	Half Moon Bay	707	34	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17503	San Mateo	Half Moon Bay	707	35	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17504	San Mateo	Half Moon Bay	707	36	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17505	San Mateo	Half Moon Bay	707	37	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17506	San Mateo	Half Moon Bay	707	38	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17507	San Mateo	Half Moon Bay	707	39	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17508	San Mateo	Half Moon Bay	707	40	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17509	San Mateo	Half Moon Bay	707	41	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17510	San Mateo	Half Moon Bay	707	42	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
17511	San Mateo	Half Moon Bay	707	43	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17512	San Mateo	Half Moon Bay	707	44	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17513	San Mateo	Half Moon Bay	707	45	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17514	San Mateo	Half Moon Bay	707	46	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17515	San Mateo	Half Moon Bay	707	47	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17516	San Mateo	Half Moon Bay	707	48	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17517	San Mateo	Half Moon Bay	707	49	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17518	San Mateo	Half Moon Bay	707	50	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17519	San Mateo	Half Moon Bay	707	51	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17520	San Mateo	Half Moon Bay	707	52	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17521	San Mateo	Half Moon Bay	707	53	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17522	San Mateo	Half Moon Bay	707	54	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17523	San Mateo	Half Moon Bay	707	55	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17524	San Mateo	Half Moon Bay	707	56	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17525	San Mateo	Half Moon Bay	707	57	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17526	San Mateo	Half Moon Bay	707	slide 1	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
17527	Monterey	Bear Canyon	708	1	Mission Creek	200-N			Zemorrian	Bolin		
17528	Monterey	Bear Canyon	708	2	Mission Creek	200-N			Zemorrian	Bolin		
17529	Monterey	Bear Canyon	708	3	Mission Creek	200-N			Zemorrian	Bolin		
17530	Monterey	Bear Canyon	708	4	Mission Creek	200-N			Zemorrian	Bolin		
17531	Monterey	Bear Canyon	708	5	Mission Creek	200-N			Zemorrian	Bolin		
17532	Monterey	Cosio Knob	708	6	Mission Creek	200-N			Zemorrian	Bolin		
17533	Monterey	Cosio Knob	708	7	Mission Creek	200-N			Zemorrian	Bolin		
17534	Monterey	Cosio Knob	709	1	Cosio Knob	129-N	Have strat column		Mohnian	Bolin		
17535	Monterey	Cosio Knob	709	3	Cosio Knob	129-N	and foram check		Mohnian	Bolin		
17536	Monterey	Cosio Knob	709	5	Cosio Knob	129-N	list		Mohnian	Bolin		
17537	Monterey	Cosio Knob	709	6	Cosio Knob	129-N			Mohnian	Bolin		
17538	Monterey	Cosio Knob	709	7	Cosio Knob	129-N			Mohnian	Bolin		
17539	Monterey	Cosio Knob	709	8	Cosio Knob	129-N			U Miocene	Bolin		
17540	Monterey	Cosio Knob	709	9	Cosio Knob	129-N			U Miocene	Bolin		
17541	Monterey	Cosio Knob	709	10	Cosio Knob	129-N			Luisian	Bolin		
17542	Monterey	Cosio Knob	709	11	Cosio Knob	129-N			Luisian	Bolin		
17543	Monterey	Cosio Knob	709	12	Cosio Knob	129-N			Luisian	Bolin		
17544	Monterey	Cosio Knob	709	13	Cosio Knob	129-N			Luisian	Bolin		
17545	Monterey	Cosio Knob	709	14	Cosio Knob	129-N			Luisian	Bolin		
17546	Monterey	Cosio Knob	709	15	Cosio Knob	129-N			Luisian	Bolin		
17547	Monterey	Cosio Knob	709	16	Cosio Knob	129-N			Luisian	Bolin		
17548	Monterey	Cosio Knob	709	17	Cosio Knob	129-N			Luisian	Bolin		
17549	Monterey	Cosio Knob	709	18	Cosio Knob	129-N			Luisian	Bolin		
17550	Monterey	Cosio Knob	709	19	Cosio Knob	129-N			Luisian	Bolin		
17551	Monterey	Cosio Knob	709	20	Cosio Knob	129-N			Luisian	Bolin		
17552	Monterey	Cosio Knob	709	21	Cosio Knob	129-N			Luisian	Bolin		
17553	Monterey	Cosio Knob	709	22	Cosio Knob	129-N			Luisian	Bolin		
17554	Monterey	Cosio Knob	709	slide 1	Cosio Knob	129-N	picked slide		Luisian	Bolin		
17555	Santa Clara	Los Gatos	710	1	Guadalupe area	152-A	Los Gatos 15'		Luisian	Kraetsch		
17556	Santa Clara	Los Gatos	710	2	Guadalupe area	152-A	Los Gatos 15'	planktics	Luisian	Kraetsch		
17557	Santa Clara	Los Gatos	710	3	Guadalupe area	152-A	Los Gatos 15'	planktics	Luisian	Kraetsch		
17558	Santa Clara	Los Gatos	710	4	Guadalupe area	152-A	Los Gatos 15'	planktics	Luisian	Kraetsch		
17559	Santa Clara	Los Gatos	710	6	Guadalupe area	152-A	Los Gatos 15'		Luisian	Kraetsch		
17560	Santa Clara	Los Gatos	710	7	Guadalupe area	152-A	Los Gatos 15'		Luisian	Kraetsch		
17561	Santa Cruz	Castle Rock Ridge	711	1	Kings Creek	B-14	EB 368-B	Vaqueros ss	Relizian/Luisian	Brabb		
17562	Santa Cruz	Castle Rock Ridge	711	2	Kings Creek	B-14	EB 428-B	Vaqueros ss	Upper Cretaceous	Brabb		
17563	Santa Cruz	Castle Rock Ridge	711	3	Kings Creek	B-14	EB 427-C	Vaqueros ss	Upper Cretaceous	Brabb		
17564	Santa Cruz	Castle Rock Ridge	711	4	Kings Creek	B-14	EB 427-B	Vaqueros ss	Upper Cretaceous	Brabb		
17565	Santa Cruz	Castle Rock Ridge	711	5	Kings Creek	B-14	EB 424-C	Vaqueros ss	not diagnostic	Brabb		
17566	Santa Cruz	Castle Rock Ridge	711	6	Kings Creek	B-14	EB 423-C	Vaqueros ss	Lower Cretaceous	Brabb		
17567	Santa Cruz	Castle Rock Ridge	711	7	Kings Creek	B-14	EB 422-B	type Rices	Refugian	Brabb		
17568	Santa Cruz	Castle Rock Ridge	711	8	Kings Creek	B-14	EB 421-A	type Rices	Refugian	Brabb		
17569	Santa Cruz	Castle Rock Ridge	711	9	Kings Creek	B-14	EB 420-B	type Rices	Refugian	Brabb		
17570	Santa Cruz	Castle Rock Ridge	711	10	Kings Creek	B-14	EB 420-D	type Rices	Refugian	Brabb		
17571	Santa Cruz	Castle Rock Ridge	711	11	Kings Creek	B-14	EB 364-B	type Rices	Ref/Narizian	Brabb		
17572	Santa Cruz	Castle Rock Ridge	711	12	Kings Creek	B-14	EB 365-B	type Rices	Narizian A-1	Brabb		
17573	Santa Cruz	Castle Rock Ridge	711	13	Kings Creek	B-14	EB 365-A	type Rices	Narizian A-1	Brabb		
17574	Santa Cruz	Castle Rock Ridge	711	14	Kings Creek	B-14	EB 367-E	type Rices	Narizian A-1	Brabb		
17575	Santa Cruz	Castle Rock Ridge	711	15	Kings Creek	B-14	EB 367-D	type Rices	Narizian A-1	Brabb		
17576	Santa Cruz	Castle Rock Ridge	711	16	Kings Creek	B-14	EB 367-B	type Twobar	Narizian A-1	Brabb		
17577	Santa Cruz	Castle Rock Ridge	711	17	Kings Creek	B-14	EB 367-A	type Twobar	Narizian A-1	Brabb		
17578	Santa Cruz	Castle Rock Ridge	711	18	Kings Creek	B-14	EB 366-D	type Twobar	Narizian A-1	Brabb		
17579	Santa Cruz	Castle Rock Ridge	711	19	Kings Creek	B-14	EB 366-C	type Twobar	Narizian A-1	Brabb		
17580	Santa Cruz	Castle Rock Ridge	711	20	Kings Creek	B-14	EB 366-B	type Twobar	Narizian A-1	Brabb		
17581	Santa Cruz	Castle Rock Ridge	711	21	Kings Creek	B-14	EB 419-C	type Twobar	Narizian A-1	Brabb		
17582	Santa Cruz	Castle Rock Ridge	711	22	Kings Creek	B-14	EB 419-A	type Twobar	Narizian A-1	Brabb		
17583	Santa Cruz	Castle Rock Ridge	711	23	Kings Creek	B-14	EB 363-C	type Twobar	Refugian	Brabb		
17584	Santa Cruz	Castle Rock Ridge	711	24	Kings Creek	B-14	EB 363-B	type Twobar	Refugian	Brabb		
17585	Santa Cruz	Castle Rock Ridge	711	25	Kings Creek	B-14	EB 425-A	Butano ss	Refugian	Brabb		
17586	Santa Cruz	Castle Rock Ridge	711	26	Kings Creek	B-14	EB 425-C	Butano ss	Refugian	Brabb		
17587	Santa Cruz	Castle Rock Ridge	711	27	Kings Creek	B-14	EB 426-B	Butano ss	Ref/Narizian	Brabb		
17588	Santa Cruz	Castle Rock Ridge	711	slide 1	Kings Creek	B-15	composite?		no information	Brabb		
17589	Santa Cruz	Castle Rock Ridge	711	slide 2	Kings Creek	B-16	composite?		no information	Brabb		
17590	Santa Cruz	Big Basin	712		Two Bar Creek	B-14	EB223C	Vaqueros ss	Zemorrian	Brabb		
17591	Santa Cruz	Big Basin	712		Two Bar Creek	B-14	EB223F	Vaqueros ss	Zemorrian	Brabb		
17592	Santa Cruz	Big Basin	712		Two Bar Creek	B-14	EB223H	Vaqueros ss	Zemorrian	Brabb		
17593	Santa Cruz	Big Basin	712		Two Bar Creek	B-14	EB459B	Vaqueros ss	Zemorrian	Brabb		
17594	Monterey	Chews Ridge	713	1	Church Creek	141-N	Jamesburg 15'		not diagnostic	Classen		
17595	Monterey	Chews Ridge	713	2	Church Creek	141-N	Jamesburg 15'		Refugian	Classen		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
17681	Humboldt	Ferndale	737	82	Wildcat Coast sect	10-J			Pliocene	Classen		
17682	Humboldt	Ferndale	737	83	Wildcat Coast sect	10-J			Pliocene	Classen		
17683	Humboldt	Ferndale	737	84	Wildcat Coast sect	10-J			Pliocene	Classen		
17684	Humboldt	Ferndale	737	85	Wildcat Coast sect	10-J			Pliocene	Classen		
17685	Humboldt	Ferndale	737	86	Wildcat Coast sect	10-J			Pliocene	Classen		
17686	Humboldt	Ferndale	737	87	Wildcat Coast sect	10-J			Pliocene	Classen		
17687	Humboldt	Ferndale	737	88	Wildcat Coast sect	10-J			Pliocene	Classen		
17688	Humboldt	Ferndale	737	89	Wildcat Coast sect	10-J			Pliocene	Classen		
17689	Humboldt	Ferndale	737	90	Wildcat Coast sect	10-J			Pliocene	Classen		
17690	Humboldt	Ferndale	737	91	Wildcat Coast sect	10-J			Pliocene	Classen		
17691	Humboldt	Ferndale	737	92	Wildcat Coast sect	10-J			Pliocene	Classen		
17692	Humboldt	Ferndale	737	93	Wildcat Coast sect	10-J			Pliocene	Classen		
17693	Humboldt	Ferndale	737	94	Wildcat Coast sect	10-J			Pliocene	Classen		
17694	Humboldt	Ferndale	737	95	Wildcat Coast sect	10-J			Pliocene	Classen		
17695	Humboldt	Ferndale	737	96	Wildcat Coast sect	10-J			Pliocene	Classen		
17696	Humboldt	Ferndale	737	97	Wildcat Coast sect	10-J			Pliocene	Classen		
17697	Humboldt	Ferndale	737	98	Wildcat Coast sect	10-J			Pliocene	Classen		
17698	Humboldt	Ferndale	737	99	Wildcat Coast sect	10-J			Pliocene	Classen		
17699	Humboldt	Ferndale	737	100	Wildcat Coast sect	10-J			Pliocene	Classen		
17700	Humboldt	Ferndale	737	101	Wildcat Coast sect	10-J			Pliocene	Classen		
17701	Humboldt	Ferndale	737	102	Wildcat Coast sect	10-J			Pliocene	Classen		
17702	Humboldt	Ferndale	737	103	Wildcat Coast sect	10-J			Pliocene	Classen		
17703	Humboldt	Ferndale	737	104	Wildcat Coast sect	10-J			Pliocene	Classen		
17704	Humboldt	Ferndale	737	105	Wildcat Coast sect	10-J			Pliocene	Classen		
17705	Humboldt	Ferndale	737	106	Wildcat Coast sect	10-K			Pliocene	Classen		
17706	Humboldt	Ferndale	737	107	Wildcat Coast sect	10-K			Pliocene	Classen		
17707	Humboldt	Ferndale	737	108	Wildcat Coast sect	10-K			Pliocene	Classen		
17708	Humboldt	Ferndale	737	109	Wildcat Coast sect	10-K			Pliocene	Classen		
17709	Humboldt	Ferndale	737	110	Wildcat Coast sect	10-K			Pliocene	Classen		
17710	Humboldt	Ferndale	737	111	Wildcat Coast sect	10-K			Pliocene	Classen		
17711	Humboldt	Ferndale	737	112	Wildcat Coast sect	10-K			Pliocene	Classen		
17712	Humboldt	Ferndale	737	113	Wildcat Coast sect	10-K			Pliocene	Classen		
17713	Humboldt	Ferndale	737	114	Wildcat Coast sect	10-K			Pliocene	Classen		
17714	Humboldt	Ferndale	737	115	Wildcat Coast sect	10-K			Pliocene	Classen		
17715	Humboldt	Ferndale	737	116	Wildcat Coast sect	10-K			Pliocene	Classen		
17716	Humboldt	Ferndale	737	117	Wildcat Coast sect	10-K			Pliocene	Classen		
17717	Humboldt	Ferndale	737	118	Wildcat Coast sect	10-K			Pliocene	Classen		
17718	Humboldt	Ferndale	737	119	Wildcat Coast sect	10-K			Pliocene	Classen		
17719	Humboldt	Ferndale	737	120	Wildcat Coast sect	10-K			Pliocene	Classen		
17720	Humboldt	Ferndale	737	121	Wildcat Coast sect	10-K			Pliocene	Classen		
17721	Humboldt	Ferndale	737	122	Wildcat Coast sect	10-K			Pliocene	Classen		
17722	Humboldt	Ferndale	737	123	Wildcat Coast sect	10-K			Pliocene	Classen		
17723	Humboldt	Ferndale	737	124	Wildcat Coast sect	10-K			Pliocene	Classen		
17724	Humboldt	Ferndale	737	125	Wildcat Coast sect	10-K			Pliocene	Classen		
17725	Humboldt	Ferndale	737	126	Wildcat Coast sect	10-K			Pliocene	Classen		
17726	Humboldt	Ferndale	737	127	Wildcat Coast sect	10-K			Pliocene	Classen		
17727	Humboldt	Ferndale	737	128	Wildcat Coast sect	10-K			Pliocene	Classen		
17728	Humboldt	Ferndale	737	129	Wildcat Coast sect	10-K			Pliocene	Classen		
17729	Humboldt	Ferndale	737	130	Wildcat Coast sect	10-K			Pliocene	Classen		
17730	Humboldt	Ferndale	737	131	Wildcat Coast sect	10-K			Pliocene	Classen		
17731	Humboldt	Ferndale	737	132	Wildcat Coast sect	10-K			Pliocene	Classen		
17732	Humboldt	Ferndale	737	133	Wildcat Coast sect	10-K			Pliocene	Classen		
17733	Humboldt	Ferndale	737	134	Wildcat Coast sect	10-K			Pliocene	Classen		
17734	Humboldt	Ferndale	737	135	Wildcat Coast sect	10-K			Pliocene	Classen		
17735	Humboldt	Ferndale	737	136	Wildcat Coast sect	10-K			Pliocene	Classen		
17736	Humboldt	Ferndale	737	137	Wildcat Coast sect	10-K			Pliocene	Classen		
17737	Humboldt	Ferndale	737	138	Wildcat Coast sect	10-K			Pliocene	Classen		
17738	Humboldt	Ferndale	737	139	Wildcat Coast sect	10-K			Pliocene	Classen		
17739	Humboldt	Ferndale	737	140	Wildcat Coast sect	10-K			Pliocene	Classen		
17740	Humboldt	Ferndale	737	141	Wildcat Coast sect	10-K			Pliocene	Classen		
17741	Humboldt	Ferndale	737	142	Wildcat Coast sect	10-K			Pliocene	Classen		
17742	Humboldt	Ferndale	737	143	Wildcat Coast sect	10-K			Pliocene	Classen		
17743	Humboldt	Ferndale	737	144	Wildcat Coast sect	10-K			Pliocene	Classen		
17744	Santa Cruz	Big Basin	738	SLR1	San Lorenzo River	91-B	See strat column	36/8S/3W	Eocene	Newton		
17745	Santa Cruz	Big Basin	738	SLR2	San Lorenzo River	91-B	filed lot #397	but not on map	Eocene	Newton		
17746	Santa Cruz	Big Basin	738	SLR6	San Lorenzo River	91-B		See paleo file	Zemorrian	Newton		
17747	Santa Cruz	Big Basin	738	SLR7	San Lorenzo River	91-B		for lot 397.	Zemorrian	Newton		
17748	Santa Cruz	Big Basin	738	SLR9	San Lorenzo River	91-B			Zemorrian	Newton		
17749	Santa Cruz	Big Basin	738	SLR10	San Lorenzo River	91-B			Zemorrian	Newton		
17750	Santa Cruz	Big Basin	738	SLR12	San Lorenzo River	91-B			Zemorrian	Newton		
17751	Santa Cruz	Big Basin	738	SLR16	San Lorenzo River	91-B			Zemorrian	Newton		
17752	Santa Cruz	Big Basin	738	SLR17	San Lorenzo River	91-B			Zemorrian	Newton		
17753	Santa Cruz	Big Basin	738	SLR21	San Lorenzo River	91-B			Zemorrian	Newton		
17754	Santa Cruz	Castle Rock Ridge	739	1	Kings Creek	91-B			barren	Newton		
17755	Santa Cruz	Castle Rock Ridge	739	2	Kings Creek	91-B			barren	Newton		
17756	Santa Cruz	Castle Rock Ridge	739	3	Kings Creek	91-B			not diagnostic	Newton		
17757	Santa Cruz	Castle Rock Ridge	739	4	Kings Creek	91-B			not diagnostic	Newton		
17758	Santa Cruz	Castle Rock Ridge	739	5	Kings Creek	91-B			not diagnostic	Newton		
17759	Santa Cruz	Castle Rock Ridge	739	6	Kings Creek	91-B			Zemorrian	Newton		
17760	Santa Cruz	Castle Rock Ridge	739	7	Kings Creek	91-B			Zemorrian	Newton		
17761	Santa Cruz	Castle Rock Ridge	739	8	Kings Creek	91-B			not diagnostic	Newton		
17762	Santa Cruz	Castle Rock Ridge	739	9	Kings Creek	91-B			not diagnostic	Newton		
17763	Santa Cruz	Castle Rock Ridge	739	10	Kings Creek	91-B			not diagnostic	Newton		
17764	Santa Cruz	Castle Rock Ridge	739	11	Kings Creek	91-B			not diagnostic	Newton		
17765	Santa Cruz	Castle Rock Ridge	739	12	Kings Creek	91-B			not diagnostic	Newton		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ONE/SERIES/AG	COLLECTORS		
17766	Santa Cruz	Castle Rock Ridge	739	13	Kings Creek	91-B			not diagnostic	Newton		
17767	Santa Cruz	Castle Rock Ridge	739	14	Kings Creek	91-B			not diagnostic	Newton		
17768	Santa Cruz	Castle Rock Ridge	739	17	Kings Creek	91-B			not diagnostic	Newton		
17769	Santa Cruz	Castle Rock Ridge	739	18	Kings Creek	91-B			not diagnostic	Newton		
17770	Santa Cruz	Castle Rock Ridge	739	19	Kings Creek	91-B			not diagnostic	Newton		
17771	Santa Cruz	Castle Rock Ridge	739	20	Kings Creek	91-B			not diagnostic	Newton		
17772	Santa Cruz	Castle Rock Ridge	739	21	Kings Creek	91-B			not diagnostic	Newton		
17773	Santa Cruz	Castle Rock Ridge	739	22	Kings Creek	91-B			not diagnostic	Newton		
17774	Santa Cruz	Castle Rock Ridge	739	23	Kings Creek	91-B			not diagnostic	Newton		
17775	Santa Cruz	Castle Rock Ridge	740	101	Hopkins gulch	91-A	S Cruz Mtns		Zemorrian	Newton		
17776	Santa Cruz	Castle Rock Ridge	740	102	Hopkins gulch	91-A	S Cruz Mtns		not diagnostic	Newton		
17777	Santa Cruz	Castle Rock Ridge	740	105	Hopkins gulch	91-A	S Cruz Mtns		not diagnostic	Newton		
17778	Mendocino	Jamison Ridge	741	1	M Fork Eel River	130-F	Eden Valley 15'		U Cret G-1 zone			
17779	Mendocino	Jamison Ridge	741	2	M Fork Eel River	130-F	Eden Valley 15'		Upper Cretaceous			
17780	Mendocino	Jamison Ridge	741	3	M Fork Eel River	130-F	Eden Valley 15'		Upper Cretaceous			
17781	Mendocino	Jamison Ridge	741	4	M Fork Eel River	130-F	Eden Valley 15'		Upper Cretaceous			
17782	Mendocino	Jamison Ridge	741	5	M Fork Eel River	130-F	Eden Valley 15'		Upper Cretaceous			
17783	Mendocino	Jamison Ridge	741	6	M Fork Eel River	130-F	Eden Valley 15'		Upper Cretaceous			
17784	Mendocino	Jamison Ridge	741	7	M Fork Eel River	130-F	Eden Valley 15'		not diagnostic			
17785	Mendocino	Jamison Ridge	741	8	M Fork Eel River	130-F	Eden Valley 15'		not diagnostic			
17786	Mendocino	Jamison Ridge	741	9	M Fork Eel River	130-F	Eden Valley 15'		not diagnostic			
17787	Mendocino	Jamison Ridge	741	10	M Fork Eel River	130-F	Eden Valley 15'		Lower Eocene			
17788	Mendocino	Jamison Ridge	741	11	M Fork Eel River	130-F	Eden Valley 15'		not diagnostic			
17789	Lake	Middletown	742	1	Clear Lake	123-E	Lower Lake 15'		not diagnostic			
17790	Lake	Middletown	742	2	Clear Lake	123-E	Lower Lake 15'		not diagnostic			
17791	Lake	Lower Lake	742	4	Clear Lake	123-E	Lower Lake 15'	age from map	not diagnostic			
17792	Lake	Lower Lake	742	6	Clear Lake	123-E	Lower Lake 15'		not diagnostic			
17793	Lake	Lower Lake	742	7	Clear Lake	123-E	Lower Lake 15'		not diagnostic			
17794	Lake	Lower Lake	742	8	Clear Lake	123-E	Lower Lake 15'		not diagnostic			
17795	Lake	Lower Lake	742	9	Clear Lake	123-E	Lower Lake 15'		not diagnostic			
17796	Lake	Lower Lake	742	10	Clear Lake	123-E	Lower Lake 15'		not diagnostic			
17797	Lake	Lower Lake	742	11	Clear Lake	123-E	Lower Lake 15'		U Cret G-1 zone			
17798	Lake	Lower Lake	742	12	Clear Lake	123-E	Lower Lake 15'		not diagnostic			
17799	Solano	Elmira	743	1	N of Travis AFB	123-E	Vacaville 15'	Cannon anticl.	not diagnostic			
17800	Solano	Elmira	743	2	Peabody Road	123-E	Vacaville 15'	Cannon anticl.	Upper Cretaceous			
17801	Solano	Elmira	743	3	Peabody Road	123-E	Vacaville 15'	Cannon anticl.	Upper Cretaceous			
17802	Solano	Elmira	743	4	Peabody Road	123-E	Vacaville 15'	Cannon anticl.	Upper Cretaceous			
17803	Solano	Elmira	743	5	Peabody Road	123-E	Vacaville 15'	Cannon anticl.	U Cret G-1 zone			
17804	Solano	Elmira	743	6	Peabody Road	123-E	Vacaville 15'	Cannon anticl.	Upper Cretaceous			
17805	Solano	Cuttings Wharf	744	1	West Potrero Hills	123-E	Carquinez 15' Q		not diagnostic			
17806	Solano	Cuttings Wharf	744	2	West Potrero Hills	123-E	Carquinez 15' Q		not diagnostic			
17807	Solano	Cuttings Wharf	744	3	West Potrero Hills	123-E	Carquinez 15' Q		not diagnostic			
17808	Solano	Cuttings Wharf	744	4	West Potrero Hills	123-E	Carquinez 15' Q		not diagnostic			
17809	Solano	Cuttings Wharf	744	5	West Potrero Hills	123-E	Carquinez 15' Q		not diagnostic			
17810	Solano	Cuttings Wharf	744	6	West Potrero Hills	123-E	Carquinez 15' Q		not diagnostic			
17811	Solano	Cuttings Wharf	744	7	West Potrero Hills	123-E	Carquinez 15' Q		not diagnostic			
17812	Solano	Cuttings Wharf	744	9	West Potrero Hills	123-E	Carquinez 15' Q	age from map	not diagnostic			
17813	Contra Costa	Briones Valley	745	1	Muir Station	72-N	type Martinez		not diagnostic			
17814	Contra Costa	Briones Valley	745	2	Muir Station	72-N	type Martinez		not diagnostic			
17815	Contra Costa	Briones Valley	745	3	Muir Station	72-N	type Martinez		not diagnostic			
17816	Contra Costa	Briones Valley	745	4	Muir Station	72-N	type Martinez		not diagnostic			
17817	Contra Costa	Briones Valley	745	5	Muir Station	72-N	type Martinez		Paleocene E zone			
17818	Contra Costa	Briones Valley	745	6	Muir Station	72-N	type Martinez		Paleocene E zone			
17819	Contra Costa	Briones Valley	745	7	Muir Station	72-N	type Martinez		not diagnostic			
17820	Contra Costa	Briones Valley	745	8	Muir Station	72-N	type Martinez		Paleocene E zone			
17821	Contra Costa	Briones Valley	745	9	Muir Station	72-N	type Martinez		not diagnostic			
17822	Solano	Benecia	746	2	within Benecia	123-E	Carquinez 15' Q		not diagnostic	Lewis &		
17823	Solano	Benecia	746	3	within Benecia	123-E	Carquinez 15' Q		Cret/Paleocene	Lewis &		
17824	Solano	Benecia	746	4	within Benecia	123-E	Carquinez 15' Q		Upper Cretaceous	Lewis &		
17825	Solano	Benecia	746	5	within Benecia	123-E	Carquinez 15' Q		Upper Cretaceous	Lewis &		
17826	Solano	Benecia	746	6	within Benecia	123-E	Carquinez 15' Q		Upper Cret G-2	Lewis &		
17827	Solano	Benecia	746	7	within Benecia	123-E	Carquinez 15' Q		Upper Cret G-2	Lewis &		
17828	Contra Costa	Antioch South	747	1	Oil Canyon	123-E	not on map		Paleocene E zone	Lewis &		
17829	Contra Costa	Antioch South	747	2	Oil Canyon	123-E	not on map		Paleocene E zone	Lewis &		
17830	Contra Costa	Antioch South	747	3	Oil Canyon	123-E	not on map		Lower Eocene	Lewis &		
17831	Contra Costa	Vine Hill	748	1	SPRR cut	123-E	Carquinez 15' Q		not diagnostic	Lewis &		
17832	Contra Costa	Vine Hill	748	2	SPRR cut	123-E	Carquinez 15' Q		Paleocene E zone	Lewis &		
17833	Glenn	Logan Ridge	749	1	Hunters Creek	152-K	Lodoga 15'		U Cret H zone			
17834	Glenn	Logan Ridge	749	2	Hunters Creek	152-K	Lodoga 15'		U Cret H zone			
17835	Glenn	Logan Ridge	749	3	Hunters Creek	152-K	Lodoga 15'		U Cret H zone			
17836	Glenn	Logan Ridge	749	4	Hunters Creek	152-K	Lodoga 15'		U Cret H zone			
17837	Glenn	Logan Ridge	749	5	Hunters Creek	152-K	Lodoga 15'		U Cret prob 1 zone			
17838	Glenn	Logan Ridge	749	6	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
17839	Glenn	Logan Ridge	749	7	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
17840	Glenn	Logan Ridge	749	8	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
17841	Glenn	Logan Ridge	749	9	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
17842	Glenn	Logan Ridge	749	10	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
17843	Glenn	Logan Ridge	749	11	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
17844	Glenn	Logan Ridge	749	12	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
17845	Glenn	Logan Ridge	749	13	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
17846	Glenn	Logan Ridge	749	14	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
17847	Glenn	Logan Ridge	749	15	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
17848	Glenn	Logan Ridge	749	16	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
17849	Glenn	Logan Ridge	749	17	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
17850	Glenn	Logan Ridge	749	18	Hunters Creek	152-K	Lodoga 15'		L Cret J zone			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
18021	Tehama	Ono East	750	15	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
18022	Tehama	Ono East	750	16	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
18023	Tehama	Ono East	750	17	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
18024	Tehama	Ono East	750	18	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
18025	Tehama	Ono East	750	19	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
18026	Tehama	Ono East	750	20	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
18027	Tehama	Ono East	750	22	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
18028	Tehama	Ono East	750	23	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
18029	Tehama	Ono East	750	24	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
18030	Tehama	Ono East	750	25	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
18031	Tehama	Ono East	750	26	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
18032	Tehama	Ono East	750	27	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
18033	Tehama	Ono East	750	28	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18034	Tehama	Ono East	750	29	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18035	Tehama	Ono East	750	30	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18036	Tehama	Ono East	750	31	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18037	Tehama	Ono East	750	34	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18038	Tehama	Ono East	750	35	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18039	Tehama	Ono East	750	36	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18040	Tehama	Ono East	750	38	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18041	Tehama	Ono East	750	39	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18042	Tehama	Ono East	750	40	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18043	Tehama	Ono East	750	41	Cottonwood Creek	148-M	Ono 15'		L Cret J-1 zone			
18044	Tehama	Ono East	750	47	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18045	Tehama	Ono East	750	48	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18046	Tehama	Ono East	750	49	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18047	Tehama	Ono East	750	50	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18048	Tehama	Ono East	750	51	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18049	Tehama	Ono East	750	52	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18050	Tehama	Ono East	750	53	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18051	Tehama	Ono East	750	54	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18052	Tehama	Ono East	750	55	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18053	Tehama	Ono East	750	56	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
18054	Tehama	Ono East	750	57	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
18055	Tehama	Ono East	750	58	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
18056	Tehama	Ono East	750	59	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
18057	Tehama	Ono East	750	60	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
18058	Tehama	Ono East	750	61	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
18059	Tehama	Ono East	750	62	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
18060	Tehama	Ono East	750	63	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
18061	Tehama	Ono East	750	64	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
18062	Tehama	Ono East	750	65	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
18063	Tehama	Ono East	750	66	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
18064	Tehama	Ono East	750	67	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
18065	Tehama	Ono East	750	68	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
18066	Tehama	Ono East	750	69	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
18067	Tehama	Ono East	750	70	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
18068	Tehama	Ono East	750	71	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
18069	Tehama	Ono East	750	72	Cottonwood Creek	148-M	Ono 15'	rests on	L Cret K zone			
18070	Tehama	Ono East	750	73	Cottonwood Creek	148-M	Ono 15'	granite	L Cret K zone			
18071	Fresno	Joaquin Rocks	761	P36	Salt Creek (NOM)	A-11	Joaquin Rocks 15'	see loc # 770	Eocene	Patchett		
18072	Glenn	Fruto	762	1	Antelope Creek	149-F	Fruto 15'	28N/1E	U Cret G-1 zone			
18073	Glenn	Fruto	762	2	Antelope Creek	149-F	Fruto 15'	28N/1E	U Cret G-1 zone			
18074	Glenn	Fruto	763	1	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	U Cret H zone			
18075	Glenn	Fruto	763	2	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	L Cret J-1 zone			
18076	Glenn	Fruto	763	3	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	L Cret J-1 zone			
18077	Glenn	Fruto	763	5	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	L Cret J-1 zone			
18078	Glenn	Fruto	763	6	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	not diagnostic			
18079	Glenn	Fruto	763	7	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	not diagnostic			
18080	Glenn	Stone Valley	763	8	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	L Cret J-1 zone			
18081	Glenn	Stone Valley	763	9	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	L Cret J-1 zone			
18082	Glenn	Stone Valley	763	10	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	L Cret J-1 zone			
18083	Glenn	Stone Valley	763	11	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	L Cret J-1 zone			
18084	Glenn	Stone Valley	763	12	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	L Cret J-1 zone			
18085	Glenn	Stone Valley	763	19	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	not diagnostic			
18086	Glenn	Stone Valley	763	20	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	not diagnostic			
18087	Glenn	Stone Valley	763	22	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	L Cret J-1 zone			
18088	Glenn	Stone Valley	763	29	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	U Cret I zone			
18089	Glenn	Stone Valley	763	30	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	not diagnostic			
18090	Glenn	Stone Valley	763	31	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	U Cret H zone			
18091	Glenn	Stone Valley	763	32	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	not diagnostic			
18092	Glenn	Stone Valley	763	34	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	U Cret H zone			
18093	Glenn	Stone Valley	763	35	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	U Cret H zone			
18094	Glenn	Stone Valley	763	38	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	not diagnostic			
18095	Glenn	Stone Valley	763	39	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	Upper Cretaceous			
18096	Glenn	Stone Valley	763	40	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	U Cret H zone			
18097	Glenn	Fruto	764	3	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
18098	Glenn	Fruto	764	4	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
18099	Glenn	Fruto	764	5	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
18100	Glenn	Fruto	764	6	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
18101	Glenn	Fruto	764	7	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
18102	Glenn	Fruto	764	8	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
18103	Glenn	Fruto	764	9	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
18104	Glenn	Fruto	764	10	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
18105	Glenn	Fruto	764	11	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
18786	Glenn	Rail Canyon	766	177	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18787	Glenn	Rail Canyon	766	178	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18788	Glenn	Rail Canyon	766	179	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18789	Glenn	Rail Canyon	766	180	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18790	Glenn	Rail Canyon	766	182	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18791	Glenn	Rail Canyon	766	182	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18792	Glenn	Rail Canyon	766	183	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18793	Glenn	Rail Canyon	766	184	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18794	Glenn	Rail Canyon	766	185	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18795	Glenn	Rail Canyon	766	186	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18796	Glenn	Rail Canyon	766	187	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18797	Glenn	Rail Canyon	766	188	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18798	Glenn	Rail Canyon	766	189	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18799	Glenn	Rail Canyon	766	190	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18800	Glenn	Rail Canyon	766	191	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18801	Glenn	Rail Canyon	766	192	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18802	Glenn	Rail Canyon	766	193	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18803	Glenn	Rail Canyon	766	194	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18804	Glenn	Rail Canyon	766	195	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18805	Glenn	Rail Canyon	766	196	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18806	Glenn	Rail Canyon	766	197	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18807	Glenn	Rail Canyon	766	198	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18808	Glenn	Rail Canyon	766	199	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18809	Glenn	Rail Canyon	766	200	West Logan Creek	153-M	Lodoga 15'		L Cret K zone			
18810	Glenn	Rail Canyon	766	201	West Logan Creek	153-M	Lodoga 15'		L Cret K zone			
18811	Glenn	Rail Canyon	766	202	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18812	Glenn	Rail Canyon	766	203	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18813	Glenn	Rail Canyon	766	204	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
18814	Glenn	Rail Canyon	766	205	West Logan Creek	153-M	Lodoga 15'		L Cret K zone			
18815	Colusa	Sites	767	1	Dunlap Creek	152-C	Lodoga 15'	(not Gnis)	not diagnostic			
18816	Colusa	Sites	767	2	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
18817	Colusa	Sites	767	3	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
18818	Colusa	Sites	767	4	Dunlap Creek	152-C	Lodoga 15'		L Cret J-1 zone			
18819	Colusa	Sites	767	5	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
18820	Colusa	Sites	767	6	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
18821	Colusa	Sites	767	7	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
18822	Colusa	Sites	767	8	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
18823	Colusa	Sites	767	9	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
18824	Colusa	Sites	767	10	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
18825	Colusa	Sites	767	11	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
18826	Colusa	Sites	767	12	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
18827	Colusa	Sites	767	13	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
18828	Colusa	Sites	767	14	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
18829	Colusa	Sites	767	15	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
18830	Colusa	Sites	767	16	Dunlap Creek	152-C	Lodoga 15'		L Cret J-1 zone			
18831	Colusa	Sites	768	17	Dunlap Creek	152-C	Lodoga 15'		L Cret J-1 zone			
18832	Colusa	Sites	768	18	Dunlap Creek	152-C	Lodoga 15'		L Cret J-1 zone			
18833	Colusa	Sites	768	19	Dunlap Creek	152-C	Lodoga 15'		L Cret J-1 zone			
18834	Shasta	Bella Vista	770	1	C-8 Red Bluff area	152-A	Millville 15'		not diagnostic	Helm		
18835	Shasta	Bella Vista	770	2	C-8 Red Bluff area	152-A	Millville 15'		not diagnostic	Helm		
18836	Shasta	Bella Vista	770	3	C-8 Red Bluff area	152-A	Millville 15'		Upper Cretaceous	Helm		
18837	Glenn	Sehorn Creek	773	7	J-609 area C-2	153-A	Flourmoy 15'		L Cret J zone			
18838	Glenn	Sehorn Creek	773	8	J-609 area C-2	153-A	Flourmoy 15'		not diagnostic			
18839	Glenn	Sehorn Creek	773	9	J-609 area C-2	153-A	Flourmoy 15'		not diagnostic			
18840	Glenn	Sehorn Creek	773	11	J-609 area C-2	152-A	Flourmoy 15'		L Cret J zone			
18841	Glenn	Sehorn Creek	773	12	J-609 area C-2	152-A	Flourmoy 15'		L Cret J zone			
18842	Glenn	Sehorn Creek	773	13	J-609 area C-2	152-A	Flourmoy 15'		L Cret J zone			
18843	Glenn	Fruto	774	19	J-607 seis line	152-A	Fruto 15'		not diagnostic			
18844	Glenn	Fruto	774	20-A	J-607 seis line	152-A	Fruto 15'		not diagnostic			
18845	Glenn	Fruto	774	23	J-607 seis line	152-A	Fruto 15'		L Cret J zone			
18846	Glenn	Fruto	774	24	J-607 seis line	152-A	Fruto 15'		L Cret J zone			
18847	Glenn	Fruto	774	25	J-607 seis line	152-A	Fruto 15'		not diagnostic			
18848	Glenn	Fruto	774	26	J-607 seis line	152-A	Fruto 15'		L Cret J zone			
18849	Glenn	Stone Valley	774	27	J-607 seis line	152-A	Fruto 15'		Prob L Cret J zone			
18850	Glenn	Stone Valley	774	28	J-607 seis line	152-A	Fruto 15'		Prob L Cret J zone			
18851	Glenn	Stone Valley	774	29A	J-607 seis line	152-A	Fruto 15'		L Cret J zone			
18852	Glenn	Stone Valley	774	30	J-607 seis line	152-A	Fruto 15'		L Cret J zone			
18853	Glenn	Stone Valley	774	31	J-607 seis line	152-A	Fruto 15'		L Cret J zone			
18854	Glenn	Stone Valley	774	32	J-607 seis line	152-A	Fruto 15'		Cretaceous			
18855	Glenn	Stone Valley	774	32A	J-607 seis line	152-B	Fruto 15'		Cretaceous			
18856	Glenn	Stone Valley	774	33	J-607 seis line	152-B	Fruto 15'		Upper Cretaceous			
18857	Glenn	Stone Valley	774	34	J-607 seis line	152-B	Fruto 15'		Upper Cretaceous			
18858	Glenn	Stone Valley	774	36	J-607 seis line	152-B	Fruto 15'		U Cret G-2 zone			
18859	Glenn	Stone Valley	774	37	J-607 seis line	152-B	Fruto 15'		U Cret G-2 zone			
18860	Glenn	Stone Valley	774	37A	J-607 seis line	152-B	Fruto 15'		U Cret G-2 zone			
18861	Glenn	Stone Valley	774	39	J-607 seis line	152-B	Fruto 15'		Prob U Cret G-2			
18862	Glenn	Stone Valley	774	40	J-607 seis line	152-B	Fruto 15'		U Cret H or I zone			
18863	Glenn	Stone Valley	774	42	J-607 seis line	152-B	Fruto 15'		not diagnostic			
18864	Glenn	Stone Valley	774	43	J-607 seis line	152-B	Fruto 15'		not diagnostic			
18865	Glenn	Stone Valley	774	44	J-607 seis line	152-B	Fruto 15'		L Cret L zone			
18866	Glenn	Stone Valley	774	45	J-607 seis line	152-B	Fruto 15'		L Cret J zone			
18867	Glenn	Stone Valley	774	46	J-607 seis line	152-B	Fruto 15'		L Cret J zone			
18868	Glenn	Stone Valley	774	49	J-607 seis line	152-B	Fruto 15'		L Cret J zone			
18869	Glenn	Stone Valley	774	50	J-607 seis line	152-B	Fruto 15'		L Cret J zone			
18870	Glenn	Stone Valley	774	52	J-607 seis line	152-B	Fruto 15'		L Cret J zone			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
18956	Fresno	Tumey Hills	777	151	Superior Oil Co.	161-E	Pipeline ditch		L Eocene C zone	Meditz &		
18957	Fresno	Tumey Hills	777	152	Superior Oil Co.	161-E	Pipeline ditch		L Eocene C zone	Meditz &		
18958	Fresno	Tumey Hills	777	153	Superior Oil Co.	161-E	Pipeline ditch		Paleocene D/E zn	Meditz &		
18959	Fresno	Tumey Hills	777	157	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
18960	Fresno	Tumey Hills	777	158	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
18961	Fresno	Tumey Hills	777	160	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
18962	Fresno	Tumey Hills	777	161	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
18963	Fresno	Tumey Hills	777	162	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
18964	Fresno	Tumey Hills	777	166	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
18965	Fresno	Tumey Hills	777	167	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
18966	Fresno	Tumey Hills	777	168	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
18967	Fresno	Tumey Hills	777	169	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
18968	Fresno	Tumey Hills	777	170	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
18969	Fresno	Tumey Hills	777	171	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
18970	Fresno	Tumey Hills	777	172	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
18971	Fresno	Tumey Hills	777	173	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
18972	Fresno	Tumey Hills	777	174	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
18973	Fresno	Tumey Hills	777	175	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
18974	Fresno	Tumey Hills	777	176	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
18975	Fresno	Tumey Hills	777	177	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18976	Fresno	Tumey Hills	777	178	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18977	Fresno	Tumey Hills	777	179	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18978	Fresno	Tumey Hills	777	180	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18979	Fresno	Tumey Hills	777	181	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18980	Fresno	Tumey Hills	777	182	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18981	Fresno	Tumey Hills	777	183	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18982	Fresno	Tumey Hills	777	186	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18983	Fresno	Tumey Hills	777	187	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18984	Fresno	Tumey Hills	777	188	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18985	Fresno	Tumey Hills	777	189	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18986	Fresno	Tumey Hills	777	190	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18987	Fresno	Tumey Hills	777	191	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18988	Fresno	Tumey Hills	777	193	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18989	Fresno	Tumey Hills	777	194	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18990	Fresno	Tumey Hills	777	195	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18991	Fresno	Tumey Hills	777	196	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18992	Fresno	Tumey Hills	777	198	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18993	Fresno	Tumey Hills	777	200	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18994	Fresno	Tumey Hills	777	201	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18995	Fresno	Tumey Hills	777	202	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18996	Fresno	Tumey Hills	777	203	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
18997	Fresno	Tumey Hills	777	204	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
18998	Fresno	Tumey Hills	777	205	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
18999	Fresno	Tumey Hills	777	206	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
19000	Fresno	Tumey Hills	777	207	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
19001	Fresno	Tumey Hills	777	208	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
19002	Fresno	Tumey Hills	777	209	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
19003	Fresno	Tumey Hills	777	210	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
19004	Fresno	Tumey Hills	777	211	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
19005	Fresno	Tumey Hills	777	212	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
19006	Fresno	Tumey Hills	777	213	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
19007	Fresno	Tumey Hills	777	221	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
19008	Contra Costa	Byron Hot Springs	813	638	1 mi W of Byron H	A-12	SW4-16/1S/3E	not on map	in limestone	Solari		
19009	Contra Costa	Byron Hot Springs	813	639	1 mi W Byron HS	A-12	all # on same slide	not on map	Upper Cretaceous	Solari		
19010	Contra Costa	Byron Hot Springs	816	640-2	1 mi W Byron HS	A-12	NW4-16/1S/3E		Eocene			
19011	Contra Costa	Byron Hot Springs	817	644	Near Byron Hot Sp	A-12	flood diatoms	not on map	Eocene	Solari		
19012	Contra Costa	Clayton	818	645	S of Nortonville	A-12	SW4-5/1N/1E	not on map	Eocene	Solari		
19013	Contra Costa	Clayton	819	647	S of Nortonville	A-12	NW4-8/1N/1E	not on map	not diagnostic	Solari		
19014	Contra Costa	Clayton	826	705	1 mi NE of Clayton	A-12	NE4-12/1N/1W	not on map	no paleo info	Solari		
19015	Contra Costa	Clayton	827	706	1 mi NE of Clayton	A-12	NE4-12/1N/1W	not on map	not diagnostic	Solari		
19016	Contra Costa	Clayton	828	707	1 mi NE of Clayton	A-12	NE4-12/1N/1W	abun rads	not diagnostic	Solari		
19017	Contra Costa	Clayton	831	733	SW of Nortonville	A-12	SE4-7/1N/1E	from SLURP	Zemorian	Solari		
19018	Contra Costa	Clayton	831	734	SW of Nortonville	A-12	SE4-7/1N/1E	from SLURP	no paleo info	Solari		
19019	Contra Costa	Clayton	831	735	SW of Nortonville	A-12	SE4-7/1N/1E	from SLURP	no paleo info	Solari		
19020	Contra Costa	Briones Valley	837		not on map	A-12	lower Capay	age from slide	Eocene	Kirby		
19021	Contra Costa	Antioch South	838		S of Stewartsville	A-12	Sidney shale	10/1N/1E	Eocene	Kirby		
19022	Contra Costa	Antioch South	839		S of Stewartsville	A-12	Sidney shale	10/1N/1E	Eocene	Kirby		
19023	Contra Costa	Clayton	841	696	SW of Nortonville	A-12	Meganos C	NW4-8/1N/1E	Eocene	Solari		
19024	Contra Costa	Clayton	842	697	SW of Nortonville	A-12	Meganos C	NW4-8/1N/1E	Eocene	Solari		
19025	Contra Costa	Antioch South	843	700	S of Somersville	A-12	Meganos C	NE4-9/1N/1E	Eocene	Solari		
19026	Contra Costa	Antioch South	844	701	S of Somersville	A-12	Meganos C	NW4-10/1N/1	Eocene	Solari		
19027	San Luis Obispo	Panorama Hills	849		Crocker Flat	A-13	36/31S/21E	good fauna	no paleo info			
19028	Contra Costa	Antioch South	860		not on map	B-2	27/1N/1E (SLURP)	age from slide	Cretaceous	Solari		
19029	Contra Costa	Antioch South	861		not on map	B-2	24/1N/1E etc	age from slide	Cretaceous	Solari		
19030	Contra Costa	Antioch South	862		not on map	B-2	33/1N/2E	age from slide	Cretaceous	Solari		
19031	Contra Costa	Antioch South	865		not on map	B-2	30/1N/2E	age from slide	Cretaceous	Solari		
19032	Contra Costa	Antioch South	866		not on map	B-2	30/1N/2E	age from slide	Cretaceous	Solari		
19033	Contra Costa	Antioch South	867		not on map	B-2	29/1N/2E	age from slide	Cretaceous	Solari		
19034	Contra Costa	Antioch South	869		not on map	B-2	30/1N/2E	age from slide	Cretaceous	Solari		
19035	Contra Costa	Byron Hot Springs	871		not on map	B-2	16/1S/3E (SLP)	age from slide	Cretaceous	Solari		
19036	Contra Costa	Byron Hot Springs	873		not on map	B-2	2/1S/2E (SLP)	age from slide	Cretaceous	Solari		
19037	Contra Costa	Brentwood	875		not on map	B-2	35/1N/2E (SLP)	age from slide	Cretaceous	Solari		
19038	Contra Costa	Antioch South	876		not on map	B-2	29/1N/2E (SLP)	age from slide	Cretaceous	Solari		
19039	Contra Costa	Antioch South	877		not on map	B-2	32/1N/2E (SLP)	strat column	not diagnostic	Solari		
19040	Contra Costa	Antioch South	878		not on map	B-2	32/1N/2E (SLP)	age from slide	Cretaceous	Solari		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
19126	Contra Costa	Antioch South	940		not on map	B-3	22/1N/1E (SLP)	age from slide	Cretaceous	Solari		
19127	Contra Costa	Antioch South	941		not on map	B-3	28/1N/1E (SLP)	age from slide	Cretaceous	Solari		
19128	Contra Costa	Antioch South	942		not on map	B-3	21/1N/1E (SLP)	age from slide	Cretaceous	Solari		
19129	Contra Costa	Antioch South	943		not on map	B-3	34/1N/1E (SLP)	age strat col	U Cret J-1 zone	Solari		
19130	Contra Costa	Antioch South	944		not on map	B-3	15/1N/1E (SLP)	age from slide	Cretaceous	Solari		
19131	Contra Costa	Antioch South	945		not on map	B-3	15/1N/1E (SLP)	age from slide	Cretaceous	Solari		
19132	Contra Costa	Antioch South	946		not on map	B-3	15/1N/1E (SLP)	age strat col	U Cret C/D-1	Solari		
19133	Contra Costa	Antioch South	947		not on map	B-3	15/1N/1E (SLP)	age from slide	Cretaceous	Solari		
19134	Contra Costa	Antioch South	948		not on map	B-3	15/1N/1E (SLP)	age from slide	Cretaceous	Solari		
19135	Contra Costa	Antioch South	949		not on map	B-3	15/1N/1E (SLP)	age strat col	U Cret C/D-1	Solari		
19136	Contra Costa	Antioch South	950		not on map	B-3	20/1N/1E (SLP)	age from slide	Cretaceous	Solari		
19137	Contra Costa	Byron Hot Springs	951		not on map	B-3	11/1S/3E (SLP)	age from slide	Cretaceous	Solari		
19138	Contra Costa	Byron Hot Springs	953		not on map	B-3	20/1S/3E (SLP)	age from slide	Prob U Cret F zone	Solari		
19139	Contra Costa	Byron Hot Springs	954		not on map	B-3	17/1S/3E (SLP)	age strat col	U Cret D zone	Solari		
19140	Contra Costa	Byron Hot Springs	955		not on map	B-3	17/1S/3E (SLP)	age strat col	U Cret D zone	Solari		
19141	Contra Costa	Byron Hot Springs	957		SW of Byron HS	B-3	16/1S/1E (SLP)	age strat col	U Cret D zone	Solari		
19142	Contra Costa	Byron Hot Springs	961		SW of Byron HS	B-3	47/1S/1E (SLP)	age from slide	Cretaceous	Solari		
19143	Contra Costa	Byron Hot Springs	962		E of Vasco Road	B-3	18/1S/3E (SLP)	age strat col	U Cret F-2	Solari		
19144	Contra Costa	Byron Hot Springs	963		not on map	B-3	18/1S/3E (SLP)	age strat col	U Cret F-2	Solari		
19145	Contra Costa	Byron Hot Springs	964		E of Vasco Road	B-3	18/1S/3E (SLP)	age strat col	U Cret F-2	Solari		
19146	Contra Costa	Byron Hot Springs	964A		E of Vasco Road	B-3	18/1S/3E (SLP)	age strat col	not diagnostic	Solari		
19147	Contra Costa	Byron Hot Springs	965		not on map	B-3	13/1S/2E (SLP)	age strat col	barren	Solari		
19148	Contra Costa	Byron Hot Springs	966		not on map	B-3	24/1S/2E (SLP)	age strat col	not diagnostic	Solari		
19149	Contra Costa	Byron Hot Springs	967		not on map	B-3	24/1S/2E (SLP)	age strat col	not diagnostic	Solari		
19150	Contra Costa	Byron Hot Springs	970		E of Vasco Road	B-3	24/1S/2E (SLP)	age strat col	U Cret F-2/G-1	Solari		
19151	Contra Costa	Byron Hot Springs	971		E of Vasco Road	B-3	24/1S/2E (SLP)	age from slide	Cretaceous	Solari		
19152	Colusa	Lodoga	981	1	Grapevine Creek	152-D	Lodoga 15'		no paleo info	Helms		
19153	Colusa	Lodoga	981	2	Grapevine Creek	152-D	Lodoga 15'		no paleo info	Helms		
19154	Colusa	Lodoga	981	3	Grapevine Creek	152-D	Lodoga 15'		no paleo info	Helms		
19155	Colusa	Lodoga	981	4	Grapevine Creek	152-D	Lodoga 15'		no paleo info	Helms		
19156	Colusa	Lodoga	981	5	Grapevine Creek	152-D	Lodoga 15'		no paleo info	Helms		
19157	Colusa	Lodoga	981	6	Grapevine Creek	152-D	Lodoga 15'		no paleo info	Helms		
19158	Colusa	Lodoga	981	7	Grapevine Creek	152-D	Lodoga 15'		no paleo info	Helms		
19159	Colusa	Lodoga	981	8	Grapevine Creek	152-D	Lodoga 15'		no paleo info	Helms		
19160	Colusa	Lodoga	981	9	Grapevine Creek	152-D	Lodoga 15'		no paleo info	Helms		
19161	Glenn	Elk Creek	982	1	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19162	Glenn	Elk Creek	982	2	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19163	Glenn	Elk Creek	982	3	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19164	Glenn	Elk Creek	982	4	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19165	Glenn	Elk Creek	982	5	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19166	Glenn	Elk Creek	982	6	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19167	Glenn	Elk Creek	982	7	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19168	Glenn	Elk Creek	982	8	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19169	Glenn	Elk Creek	982	9	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19170	Glenn	Elk Creek	982	10	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19171	Glenn	Elk Creek	982	11	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19172	Glenn	Elk Creek	982	12	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19173	Glenn	Elk Creek	982	13	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19174	Glenn	Elk Creek	982	14	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19175	Glenn	Elk Creek	982	15	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19176	Glenn	Elk Creek	982	16	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19177	Glenn	Elk Creek	982	17	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19178	Glenn	Elk Creek	982	18	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19179	Glenn	Elk Creek	982	19	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19180	Glenn	Elk Creek	982	20	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19181	Glenn	Elk Creek	982	21	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19182	Glenn	Elk Creek	982	22	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19183	Glenn	Elk Creek	982	23	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19184	Glenn	Elk Creek	982	24	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19185	Glenn	Elk Creek	982	25	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19186	Glenn	Elk Creek	982	26	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19187	Glenn	Elk Creek	982	27	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19188	Glenn	Elk Creek	982	28	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19189	Glenn	Elk Creek	982	29	near Elk Creek	154-A	Elk Creek 15'		U Jurassic M zone	Helms		
19190	Glenn	Elk Creek	982	30	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19191	Glenn	Elk Creek	982	31	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19192	Glenn	Elk Creek	982	32	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19193	Glenn	Elk Creek	982	33	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19194	Glenn	Elk Creek	982	34	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19195	Glenn	Elk Creek	982	35	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19196	Glenn	Elk Creek	982	36	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19197	Glenn	Elk Creek	982	37	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19198	Glenn	Elk Creek	982	38	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19199	Glenn	Elk Creek	982	39	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19200	Glenn	Elk Creek	982	40	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19201	Glenn	Elk Creek	982	41	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19202	Glenn	Elk Creek	982	42	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19203	Glenn	Elk Creek	982	43	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19204	Glenn	Elk Creek	982	44	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19205	Glenn	Elk Creek	982	45	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19206	Glenn	Elk Creek	982	46	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19207	Glenn	Elk Creek	982	47	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19208	Glenn	Elk Creek	982	48	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19209	Glenn	Elk Creek	982	49	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		
19210	Glenn	Elk Creek	982	50	near Elk Creek	154-A	Elk Creek 15'		no paleo info	Helms		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
19551	Glenn	Elk Creek	982	496	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19552	Glenn	Elk Creek	982	497	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19553	Glenn	Elk Creek	982	498	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19554	Glenn	Elk Creek	982	499	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19555	Glenn	Elk Creek	982	500	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19556	Glenn	Elk Creek	982	501	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19557	Glenn	Elk Creek	982	502	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19558	Glenn	Elk Creek	982	504	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19559	Glenn	Elk Creek	982	505	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19560	Glenn	Elk Creek	982	506	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19561	Glenn	Elk Creek	982	507	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19562	Glenn	Elk Creek	982	508	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19563	Glenn	Elk Creek	982	509	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19564	Glenn	Elk Creek	982	510	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19565	Glenn	Elk Creek	982	511	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19566	Glenn	Elk Creek	982	512	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19567	Glenn	Elk Creek	982	513	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19568	Glenn	Elk Creek	982	514	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19569	Glenn	Elk Creek	982	515	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19570	Glenn	Elk Creek	982	517	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19571	Glenn	Elk Creek	982	520	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19572	Glenn	Elk Creek	982	521	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19573	Glenn	Elk Creek	982	522	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19574	Glenn	Elk Creek	982	523	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19575	Glenn	Elk Creek	982	525	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19576	Glenn	Elk Creek	982	526	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19577	Glenn	Elk Creek	982	528	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19578	Glenn	Elk Creek	982	529	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19579	Glenn	Elk Creek	982	532	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19580	Glenn	Elk Creek	982	533	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19581	Glenn	Elk Creek	982	534	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19582	Glenn	Elk Creek	982	535	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19583	Glenn	Elk Creek	982	536	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19584	Glenn	Elk Creek	982	537	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19585	Glenn	Elk Creek	982	539	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19586	Glenn	Elk Creek	982	540	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19587	Glenn	Elk Creek	982	541	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19588	Glenn	Elk Creek	982	542	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19589	Glenn	Elk Creek	982	543	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19590	Glenn	Elk Creek	982	544	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19591	Glenn	Elk Creek	982	545	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19592	Glenn	Elk Creek	982	546	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19593	Glenn	Elk Creek	982	547	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19594	Glenn	Elk Creek	982	548	near Elk Creek	154-H	Elk Creek 15'		Probably Jurassic	Helms		
19595	Contra Costa	Antioch South	983		not on map	B-3	15/1N/1E (SLP)	age strat col	Upper Cretaceous			
19596	Contra Costa	Antioch South	984		not on map	B-3	15/1N/1E (SLP)	age from slide	no paleo info			
19597	Contra Costa	Tassajara	985		not on map	B-3	6/1S/2E (SLP)	age from slide	no paleo info			
19598	Contra Costa	Tassajara	986		not on map	B-3	5/1S/2E (SLP)	age from slide	no paleo info			
19599	Glenn	Elk Creek	986	466	along Stony Creek	154-J	see loc 764 in for		Poss L Cret J -2	Hastings		
19600	Glenn	Elk Creek	986	470	along Stony Creek	154-J	notebook for		Poss L Cret J -3	Hastings		
19601	Glenn	Elk Creek	986	471	along Stony Creek	154-J	strat column		Poss L Cret J -4	Hastings		
19602	Glenn	Elk Creek	986	473	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -5	Hastings		
19603	Glenn	Elk Creek	986	474	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -6	Hastings		
19604	Glenn	Elk Creek	986	475	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -7	Hastings		
19605	Glenn	Elk Creek	986	476	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -8	Hastings		
19606	Glenn	Elk Creek	986	478	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -9	Hastings		
19607	Glenn	Elk Creek	986	479	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -10	Hastings		
19608	Glenn	Elk Creek	986	480	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -11	Hastings		
19609	Glenn	Elk Creek	986	481	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -12	Hastings		
19610	Glenn	Elk Creek	986	482	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -13	Hastings		
19611	Glenn	Elk Creek	986	483	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -14	Hastings		
19612	Glenn	Elk Creek	986	484	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -15	Hastings		
19613	Glenn	Elk Creek	986	485	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -16	Hastings		
19614	Glenn	Elk Creek	986	486	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -17	Hastings		
19615	Glenn	Elk Creek	986	487	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -18	Hastings		
19616	Glenn	Elk Creek	986	488	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -19	Hastings		
19617	Glenn	Elk Creek	986	489	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -20	Hastings		
19618	Glenn	Elk Creek	986	490	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -21	Hastings		
19619	Glenn	Elk Creek	986	491	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -22	Hastings		
19620	Glenn	Elk Creek	986	492	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -23	Hastings		
19621	Glenn	Elk Creek	986	493	along Stony Creek	154-J	Elk Creek 15'		Poss L Cret J -24	Hastings		
19622	Glenn	Elk Creek	986	494	along Stony Creek	154-J	Elk Creek 15'		L Cret K zone	Hastings		
19623	Glenn	Elk Creek	986	495	along Stony Creek	154-J	Elk Creek 15'		L Cret K zone	Hastings		
19624	Glenn	Elk Creek	986	496	along Stony Creek	154-J	Elk Creek 15'		L Cret K zone	Hastings		
19625	Glenn	Elk Creek	986	497	along Stony Creek	154-J	Elk Creek 15'		L Cret K zone	Hastings		
19626	Glenn	Elk Creek	986	498	along Stony Creek	154-J	Elk Creek 15'		L Cret K zone	Hastings		
19627	Glenn	Elk Creek	986	499	along Stony Creek	154-J	Elk Creek 15'		L Cret K zone	Hastings		
19628	Glenn	Elk Creek	986	503	along Stony Creek	154-J	Elk Creek 15'		L Cret K zone	Hastings		
19629	Glenn	Elk Creek	986	504	along Stony Creek	154-J	Elk Creek 15'		L Cret K zone	Hastings		
19630	Glenn	Elk Creek	986	505	along Stony Creek	154-J	Elk Creek 15'		L Cret K zone	Hastings		
19631	Glenn	Elk Creek	986	506	along Stony Creek	154-J	Elk Creek 15'		L Cret K zone	Hastings		
19632	Glenn	Elk Creek	986	507	along Stony Creek	154-J	Elk Creek 15'		L Cret K zone	Hastings		
19633	Glenn	Elk Creek	986	508	along Stony Creek	154-J	Elk Creek 15'		L Cret K zone	Hastings		
19634	Glenn	Elk Creek	986	509	along Stony Creek	154-J	Elk Creek 15'		L Cret K zone	Hastings		
19635	Glenn	Elk Creek	986	510	along Stony Creek	154-J	Elk Creek 15'		L Cret K zone	Hastings		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGE	COLLECTORS		
19806	Glenn	Elk Creek	986	684	along Stony Creek	155-M	Elk Creek 15'		U Jurassic M zone	Hastings		
19807	Glenn	Elk Creek	986	685	along Stony Creek	155-M	Elk Creek 15'		U Jurassic M zone	Hastings		
19808	Glenn	Elk Creek	986	686	along Stony Creek	155-M	Elk Creek 15'		U Jurassic M zone	Hastings		
19809	Glenn	Elk Creek	986	687	along Stony Creek	155-M	Elk Creek 15'		U Jurassic M zone	Hastings		
19810	Glenn	Elk Creek	986	688	along Stony Creek	155-M	Elk Creek 15'		U Jurassic M zone	Hastings		
19811	Glenn	Elk Creek	986	689	along Stony Creek	155-M	Elk Creek 15'		U Jurassic M zone	Hastings		
19812	Glenn	Elk Creek	986	690	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19813	Glenn	Elk Creek	986	692	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19814	Glenn	Elk Creek	986	693	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19815	Glenn	Elk Creek	986	694	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19816	Glenn	Elk Creek	986	695	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19817	Glenn	Elk Creek	986	696	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19818	Glenn	Elk Creek	986	697	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19819	Glenn	Elk Creek	986	698	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19820	Glenn	Elk Creek	986	699	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19821	Glenn	Elk Creek	986	700	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19822	Glenn	Elk Creek	986	701	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19823	Glenn	Elk Creek	986	702	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19824	Glenn	Elk Creek	986	703	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19825	Glenn	Elk Creek	986	704	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19826	Glenn	Elk Creek	986	705	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19827	Glenn	Elk Creek	986	706	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19828	Glenn	Elk Creek	986	707	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19829	Glenn	Elk Creek	986	708	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19830	Glenn	Elk Creek	986	709	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19831	Glenn	Elk Creek	986	710	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19832	Glenn	Elk Creek	986	711	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19833	Glenn	Elk Creek	986	712	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19834	Glenn	Elk Creek	986	713	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19835	Glenn	Elk Creek	986	714	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19836	Glenn	Elk Creek	986	715	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19837	Glenn	Elk Creek	986	716	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19838	Glenn	Elk Creek	986	717	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19839	Glenn	Elk Creek	986	718	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19840	Glenn	Elk Creek	986	719	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19841	Glenn	Elk Creek	986	720	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19842	Glenn	Elk Creek	986	721	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19843	Glenn	Elk Creek	986	722	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19844	Glenn	Elk Creek	986	723	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19845	Glenn	Elk Creek	986	724	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19846	Glenn	Elk Creek	986	725	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19847	Glenn	Elk Creek	986	726	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19848	Glenn	Elk Creek	986	727	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19849	Glenn	Elk Creek	986	728	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19850	Glenn	Elk Creek	986	729	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19851	Glenn	Elk Creek	986	730	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19852	Glenn	Elk Creek	986	731	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19853	Glenn	Elk Creek	986	732	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19854	Glenn	Elk Creek	986	733	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19855	Glenn	Elk Creek	986	734	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19856	Glenn	Elk Creek	986	735	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19857	Glenn	Elk Creek	986	736	along Stony Creek	155-N	Elk Creek 15'		U Jurassic M zone	Hastings		
19858	Glenn	Logan Ridge?	987	1	Funks Creek	157-I	Lodoga 15'	not on map	not diagnostic	Floyd		
19859	Glenn	Logan Ridge?	987	2	Funks Creek	157-I	Lodoga 15'	not on map	not diagnostic	Floyd		
19860	Glenn	Logan Ridge?	987	3	Funks Creek	157-I	Lodoga 15'	not on map	not diagnostic	Floyd		
19861	Contra Costa	Tassajara	987		not on map	B-3	5/1S/2E (SLP)	age from slide	Cretaceous	Solari		
19862	Contra Costa	Tassajara	989		not on map	B-8	5/1S/2E (SLP)	age from slide	Cretaceous	Solari		
19863	Sutter	Sutter Buttes	989	1	Fig Tree Gulch	229-G	Sac Valley		L? Eocene	Barr		
19864	Sutter	Sutter Buttes	989	3	Fig Tree Gulch	229-G	Sac Valley		L? Eocene	Barr		
19865	Sutter	Sutter Buttes	989	4	Fig Tree Gulch	229-G	Sac Valley		L Eocene B-4 zone	Barr		
19866	Sutter	Sutter Buttes	989	4A	Fig Tree Gulch	229-G	Sac Valley		no paleo info	Barr		
19867	Sutter	Sutter Buttes	989	4B	Fig Tree Gulch	229-G	Sac Valley		no paleo info	Barr		
19868	San Mateo	Palo Alto	990		Woodside Road	115-F	6/6S/3W	abun planktics	no paleo info	Classen		
19869	Sutter	Sutter Buttes?	990	1	Fig Tree Gulch?	174-N	Sac Valley	not on map	no paleo info	Barr		
19870	Sutter	Sutter Buttes?	990	2A	Fig Tree Gulch?	174-N	Sac Valley	not on map	no paleo info	Barr		
19871	Sutter	Sutter Buttes?	990	6	Fig Tree Gulch?	174-N	Sac Valley	not on map	no paleo info	Barr		
19872	Sutter	Sutter Buttes?	990	7	Fig Tree Gulch?	174-N	Sac Valley	not on map	no paleo info	Barr		
19873	San Benito	Ciervo Mountain	992	1	San Carlos Bolsa	I-10	New Idria 15'		Upper Cretaceous			
19874	San Benito	Ciervo Mountain	992	2	San Carlos Bolsa	I-10	New Idria 15'		Paleocene E zone			
19875	San Benito	Ciervo Mountain	992	3	San Carlos Bolsa	I-10	New Idria 15'		Paleocene E zone			
19876	San Benito	Ciervo Mountain	992	4	San Carlos Bolsa	I-10	New Idria 15'		? Paleocene E zone			
19877	San Benito	Ciervo Mountain	992	6	San Carlos Bolsa	I-10	New Idria 15'		Paleocene E zone			
19878	San Benito	Ciervo Mountain	993	1	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			
19879	San Benito	Ciervo Mountain	993	2	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			
19880	San Benito	Ciervo Mountain	993	3	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			
19881	San Benito	Ciervo Mountain	993	4	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			
19882	San Benito	Ciervo Mountain	993	5	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C zone			
19883	San Benito	Ciervo Mountain	993	6	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C zone			
19884	San Benito	Ciervo Mountain	993	7	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C zone			
19885	San Benito	Ciervo Mountain	993	8	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C zone			
19886	San Benito	Ciervo Mountain	994	1	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			
19887	San Benito	Ciervo Mountain	994	2	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			
19888	San Benito	Ciervo Mountain	994	3	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			
19889	San Benito	Ciervo Mountain	994	4	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			
19890	San Benito	Ciervo Mountain	994	5	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
19891	San Benito	Ciervo Mountain	994	6	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			
19892	San Benito	Ciervo Mountain	994	8	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C zone			
19893	San Benito	Ciervo Mountain	994	9	San Carlos Bolsa	I-11	New Idria 15'		L Eocene B/C zones			
19894	San Benito	Ciervo Mountain	994	10	San Carlos Bolsa	I-11	New Idria 15'		L Eocene B-4 zone			
19895	Yolo	Guinda	995	1	type Capay area?	84-G	Smith Canyon	not on map	barren	Lewis &		
19896	Yolo	Guinda	995	3	type Capay area?	84-G	Smith Canyon	not on map	barren	Lewis &		
19897	Yolo	Guinda	995	5	type Capay area?	84-G	Smith Canyon	not on map	Upper Cretaceous	Lewis &		
19898	Yolo	Guinda	995	8	type Capay area?	84-G	Smith Canyon	not on map	not diagnostic	Lewis &		
19899	Yolo	Guinda	995	9	type Capay area?	84-G	Smith Canyon	not on map	not diagnostic	Lewis &		
19900	Yolo	Guinda	995	11	type Capay area?	84-G	Smith Canyon	not on map	not diagnostic	Lewis &		
19901	Yolo	Guinda	995	12	type Capay area?	84-G	Smith Canyon	not on map	not diagnostic	Lewis &		
19902	Yolo	Guinda	995	13	type Capay area?	84-G	Smith Canyon	not on map	Lower Eocene	Lewis &		
19903	Yolo	Guinda	995	14B	type Capay area?	84-G	Smith Canyon	not on map	barren	Lewis &		
19904	San Luis Obispo	McKittrick Summit	1001	2	SE corner of quad	155-K			no paleo info	Hunter & O		
19905	San Luis Obispo	McKittrick Summit	1001	3	SE corner of quad	155-K			no paleo info	Hunter & O		
19906	San Luis Obispo	McKittrick Summit	1001	4	SE corner of quad	155-K			no paleo info	Hunter & O		
19907	San Luis Obispo	McKittrick Summit	1001	5	SE corner of quad	155-K			no paleo info	Hunter & O		
19908	San Luis Obispo	McKittrick Summit	1001	6	SE corner of quad	155-K			no paleo info	Hunter & O		
19909	San Luis Obispo	McKittrick Summit	1001	8	SE corner of quad	155-K			no paleo info	Hunter & O		
19910	San Luis Obispo	McKittrick Summit	1001	9	SE corner of quad	155-K			no paleo info	Hunter & O		
19911	San Luis Obispo	McKittrick Summit	1001	10	SE corner of quad	155-K			no paleo info	Hunter & O		
19912	Kern	McKittrick Summit	1002	1	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
19913	Kern	McKittrick Summit	1002	2	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
19914	Kern	McKittrick Summit	1002	3	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
19915	Kern	McKittrick Summit	1002	4	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
19916	Kern	McKittrick Summit	1002	5	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
19917	Kern	McKittrick Summit	1002	6	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
19918	Kern	McKittrick Summit	1002	8	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
19919	Kern	McKittrick Summit	1002	9	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
19920	Kern	McKittrick Summit	1002	10	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
19921	Kern	McKittrick Summit	1002	11	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
19922	Kern	McKittrick Summit	1002	12	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
19923	Ventura	Pitas Point	1003		Padre Juan Canyon	5-E			Pliocene			
19924	Ventura	Pitas Point	1004		Padre Juan Canyon	5-E			Pliocene			
19925	San Luis Obispo	Painted Rock	1004	1	NE corner of quad	155-K		age from map	no paleo info	Hunter & O		
19926	San Luis Obispo	Painted Rock	1004	2	NE corner of quad	155-K		age from map	Zemorian	Hunter & O		
19927	San Luis Obispo	Painted Rock	1004	3	NE corner of quad	155-K		age from map	Zemorian	Hunter & O		
19928	San Luis Obispo	Painted Rock	1004	4	NE corner of quad	155-K		age from map	Zemorian	Hunter & O		
19929	San Luis Obispo	Painted Rock	1004	5	NE corner of quad	155-K		age from map	Zemorian	Hunter & O		
19930	San Luis Obispo	Painted Rock	1004	6	NE corner of quad	155-K		age from map	Zemorian	Hunter & O		
19931	Kern	McKittrick Summit	1005	1	center of quad	155-K			Zemorian	Hunter & O		
19932	Kern	McKittrick Summit	1005	2	center of quad	155-K			Zemorian	Hunter & O		
19933	Kern	McKittrick Summit	1005	3	center of quad	155-K			Zemorian	Hunter & O		
19934	Kern	McKittrick Summit	1005	4	center of quad	155-K			Zemorian	Hunter & O		
19935	Kern	McKittrick Summit	1005	5	center of quad	155-K			Zemorian	Hunter & O		
19936	Kern	McKittrick Summit	1005	6	center of quad	155-K			Zemorian	Hunter & O		
19937	Kern	McKittrick Summit	1005	7	center of quad	155-K			Zemorian	Hunter & O		
19938	Kern	McKittrick Summit	1006	1	center of quad	155-K			Zemorian	Hunter & O		
19939	Kern	McKittrick Summit	1006	2	center of quad	155-K			Zemorian	Hunter & O		
19940	Kern	McKittrick Summit	1006	3	center of quad	155-K			Zemorian	Hunter & O		
19941	Kern	McKittrick Summit	1006	4	center of quad	155-K			Zemorian	Hunter & O		
19942	Kern	McKittrick Summit	1006	5	center of quad	155-K			Zemorian	Hunter & O		
19943	Kern	McKittrick Summit	1006	7	center of quad	155-K			Zemorian	Hunter & O		
19944	Ventura	Pitas Point	1006		Padre Juan Canyon	5-E			Pliocene			
19945	Ventura	Pitas Point	1007		near Punta	5-E			Pliocene			
19946	Ventura	Pitas Point	1008		near Punta	5-E			Delmontian			
19947	Ventura	Pitas Point	1009		near Punta	5-E			Pliocene			
19948	Fresno	Mercy Hot Springs	1009	A100	NC part of quad	215-A	Panoche outcrops	Payne collect	no paleo info			
19949	Fresno	Mercy Hot Springs	1009	A	NC part of quad	215-A	Panoche outcrops	ages from	no paleo info			
19950	Fresno	Mercy Hot Springs	1009	C1	NC part of quad	215-A	Panoche outcrops	seismic map	no paleo info			
19951	Fresno	Mercy Hot Springs	1009	D1	NC part of quad	215-A	Panoche outcrops		no paleo info			
19952	Fresno	Mercy Hot Springs	1009	D2	NC part of quad	215-A	Panoche outcrops		no paleo info			
19953	Fresno	Mercy Hot Springs	1009	4700	NC part of quad	215-A	Panoche outcrops		no paleo info			
19954	Fresno	Mercy Hot Springs	1009	4725	NC part of quad	215-A	Panoche outcrops		no paleo info			
19955	Fresno	Mercy Hot Springs	1009	4750	NC part of quad	215-A	Panoche outcrops		no paleo info			
19956	Fresno	Mercy Hot Springs	1009	4850	NC part of quad	215-A	Panoche outcrops		no paleo info			
19957	Fresno	Mercy Hot Springs	1009	5000	NC part of quad	215-A	Panoche outcrops		no paleo info			
19958	Fresno	Mercy Hot Springs	1009	5300	NC part of quad	215-A	Panoche outcrops		no paleo info			
19959	Fresno	Mercy Hot Springs	1009	5800	NC part of quad	215-A	Panoche outcrops		no paleo info			
19960	Fresno	Mercy Hot Springs	1009	5900	NC part of quad	215-A	Panoche outcrops		no paleo info			
19961	Fresno	Mercy Hot Springs	1009	6000	NC part of quad	215-A	Panoche outcrops		no paleo info			
19962	Fresno	Mercy Hot Springs	1009	7000	NC part of quad	215-A	Panoche outcrops		no paleo info			
19963	Fresno	Mercy Hot Springs	1009	7100	NC part of quad	215-A	Panoche outcrops		no paleo info			
19964	Fresno	Mercy Hot Springs	1009	7200	NC part of quad	215-A	Panoche outcrops		no paleo info			
19965	Fresno	Mercy Hot Springs	1009	7300	NC part of quad	215-A	Panoche outcrops		no paleo info			
19966	Fresno	Mercy Hot Springs	1009	7400	NC part of quad	215-A	Panoche outcrops		no paleo info			
19967	Fresno	Mercy Hot Springs	1009	7500	NC part of quad	215-A	Panoche outcrops		no paleo info			
19968	Fresno	Mercy Hot Springs	1009	7600	NC part of quad	215-A	Panoche outcrops		no paleo info			
19969	Fresno	Mercy Hot Springs	1009	7650	NC part of quad	215-A	Panoche outcrops		no paleo info			
19970	Fresno	Mercy Hot Springs	1009	7700	NC part of quad	215-A	Panoche outcrops		no paleo info			
19971	Fresno	Mercy Hot Springs	1009	7750	NC part of quad	215-A	Panoche outcrops		no paleo info			
19972	Fresno	Mercy Hot Springs	1009	7800	NC part of quad	215-A	Panoche outcrops		no paleo info			
19973	Fresno	Mercy Hot Springs	1009	7850	NC part of quad	215-A	Panoche outcrops		no paleo info			
19974	Fresno	Mercy Hot Springs	1009	7875	NC part of quad	215-A	Panoche outcrops		no paleo info			
19975	Fresno	Mercy Hot Springs	1009	7900	NC part of quad	215-A	Panoche outcrops		no paleo info			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ONE/SERIES/AGI	COLLECTORS		
20146	Fresno	Mercy Hot Springs	1009	3400	NC part of quad	215-D	Panoche outcrops		no paleo info			
20147	Fresno	Mercy Hot Springs	1009	3000	NC part of quad	215-D	Panoche outcrops		no paleo info			
20148	Fresno	Mercy Hot Springs	1009	3200	NC part of quad	215-D	Panoche outcrops		no paleo info			
20149	Fresno	Mercy Hot Springs	1009	3250	NC part of quad	215-D	Panoche outcrops		no paleo info			
20150	Fresno	Mercy Hot Springs	1009	2800	NC part of quad	215-D	Panoche outcrops		no paleo info			
20151	Fresno	Mercy Hot Springs	1009	2900	NC part of quad	215-D	Panoche outcrops		no paleo info			
20152	Fresno	Mercy Hot Springs	1009	2950	NC part of quad	215-D	Panoche outcrops		no paleo info			
20153	Fresno	Mercy Hot Springs	1009	2700	NC part of quad	215-D	Panoche outcrops		no paleo info			
20154	Fresno	Mercy Hot Springs	1009	2750	NC part of quad	215-D	Panoche outcrops		no paleo info			
20155	Fresno	Mercy Hot Springs	1009	2800	NC part of quad	215-D	Panoche outcrops		no paleo info			
20156	Fresno	Mercy Hot Springs	1009	1250	NC part of quad	215-D	Panoche outcrops		no paleo info			
20157	Fresno	Mercy Hot Springs	1009	1300	NC part of quad	215-D	Panoche outcrops		no paleo info			
20158	Fresno	Mercy Hot Springs	1009	1400	NC part of quad	215-D	Panoche outcrops		no paleo info			
20159	Fresno	Mercy Hot Springs	1009	950	NC part of quad	215-D	Panoche outcrops		no paleo info			
20160	Fresno	Mercy Hot Springs	1009	1150	NC part of quad	215-D	Panoche outcrops		no paleo info			
20161	Fresno	Mercy Hot Springs	1009	1200	NC part of quad	215-D	Panoche outcrops		no paleo info			
20162	Fresno	Mercy Hot Springs	1009	650	NC part of quad	215-D	Panoche outcrops		no paleo info			
20163	Fresno	Mercy Hot Springs	1009	700	NC part of quad	215-D	Panoche outcrops		no paleo info			
20164	Fresno	Mercy Hot Springs	1009	500	NC part of quad	215-D	Panoche outcrops		no paleo info			
20165	Fresno	Mercy Hot Springs	1009	550	NC part of quad	215-D	Panoche outcrops		no paleo info			
20166	Fresno	Mercy Hot Springs	1009	600	NC part of quad	215-D	Panoche outcrops		no paleo info			
20167	Fresno	Mercy Hot Springs	1009	300	NC part of quad	215-D	Panoche outcrops		no paleo info			
20168	Fresno	Mercy Hot Springs	1009	400	NC part of quad	215-D	Panoche outcrops		no paleo info			
20169	Fresno	Mercy Hot Springs	1009	450	NC part of quad	215-D	Panoche outcrops		no paleo info			
20170	Fresno	Mercy Hot Springs	1009	150	NC part of quad	215-D	Panoche outcrops		no paleo info			
20171	Fresno	Mercy Hot Springs	1009	200	NC part of quad	215-D	Panoche outcrops		no paleo info			
20172	Fresno	Mercy Hot Springs	1009	250	NC part of quad	215-D	Panoche outcrops		no paleo info			
20173	Fresno	Mercy Hot Springs	1009	1	NC part of quad	215-D	Panoche outcrops		no paleo info			
20174	Fresno	Mercy Hot Springs	1009	50	NC part of quad	215-D	Panoche outcrops		no paleo info			
20175	Fresno	Mercy Hot Springs	1009	100	NC part of quad	215-D	Panoche outcrops		no paleo info			
20176	Ventura	Pitas Point	1010		near Punta Gorda	5-E			Miocene			
20177	Ventura	Pitas Point	1011		near Punta Gorda	5-E			Saucesian?			
20178	Solano	Denverton	1012		Bradmoor Island	A-13	not on map		Tertiary			
20179	Ventura	White Ledge Peak	1012		E of Rincon Creek	5-E			Middle Miocene			
20180	Ventura	White Ledge Peak	1013		E of Rincon Creek	5-E			Upper Saucesian			
20181	Solano	Denverton	1014		Bradmoor Island	A-13	13/4N/1W	not on map	Cretaceous F zone			
20182	Ventura	White Ledge Peak	1014		E of Rincon Creek	5-E			Pliocene			
20183	Ventura	White Ledge Peak	1015		E of Rincon Creek	5-E			Pliocene			
20184	Ventura	White Ledge Peak	1016		E of Rincon Creek	5-E			Miocene			
20185	Solano	Denverton	1017		Potrero Hills	A-13	not on map		Eocene			
20186	Ventura	White Ledge Peak	1017		E of Rincon Creek	5-E			Mohanian			
20187	Ventura	White Ledge Peak	1018		E of Rincon Creek	5-E			Mohanian			
20188	Ventura	Ventura	1019		center of quad	5-E			Pliocene			
20189	Ventura	Ventura	1020		center of quad	5-E			Pliocene			
20190	Ventura	Ventura	1021		center of quad	5-E			Pliocene			
20191	Ventura	Ventura	1022		center of quad	5-E			Pliocene			
20192	Ventura	Ventura	1023		center of quad	5-E			Pliocene			
20193	Ventura	Ventura	1024		center of quad	5-E			Pliocene			
20194	Solano	Denverton	1025	100	Geoph CH	49-N	not on map Check	Capay	Eocene			
20195	Solano	Denverton	1025	105	Geoph CH	49-N	geophysical maps	Capay	Eocene			
20196	Solano	Denverton	1025	110	Geoph CH	49-N	Denverton area.	Capay	Eocene			
20197	Solano	Denverton	1025	115	Geoph CH	49-N	Report says	Capay	Eocene			
20198	Solano	Denverton	1025	120	Geoph CH	49-N	18/4N/1E	Capay	Eocene			
20199	Solano	Denverton	1025	125	Geoph CH	49-N		Capay	Eocene			
20200	Solano	Denverton	1025	130	Geoph CH	49-N		Capay	Eocene			
20201	Ventura	Newbury Park	1025		Arroyo Conejo	5-A			Miocene			
20202	Ventura	Newbury Park	1026		Arroyo Conejo	5-A			Miocene			
20203	Solano	Denverton	1026	120	Geoph CH	50-I	12/4N/1W	Capay	Eocene			
20204	Solano	Denverton	1026	125	Geoph CH	50-I		Capay	Eocene			
20205	Solano	Denverton	1026	130	Geoph CH	50-I		Capay	Eocene			
20206	Solano	Denverton	1026	135	Geoph CH	50-I		Capay	Eocene			
20207	Solano	Denverton	1026	140	Geoph CH	50-I		Capay	Eocene			
20208	Solano	Denverton	1026	145	Geoph CH	50-I		Capay	Eocene			
20209	Solano	Denverton	1026	150	Geoph CH	50-I		Capay	Eocene			
20210	Solano	Denverton	1026	155	Geoph CH	50-I		Capay	Eocene			
20211	Ventura	Newbury Park	1027		Arroyo Conejo	5-A			Miocene			
20212	Ventura	Pitas Point	1028		Padre Juan Canyon	5-A			Upper Pliocene			
20213	Ventura	Pitas Point	1029		Padre Juan Canyon	5-A			Upper Pliocene			
20214	Ventura	Pitas Point	1030		Padre Juan Canyon	5-A			Upper Pliocene			
20215	Ventura	Ventura	1031		Canada del Diablo	5-C			Upper Pliocene			
20216	Ventura	Ventura	1032		Canada del Diablo	5-C			Upper Pliocene			
20217	Santa Clara	Calaveras Reservoir	1032	A	Alum Rock Pk area	51-G			Middle Miocene			
20218	Santa Clara	Calaveras Reservoir	1032	B	Alum Rock Pk area	51-G			Middle Miocene			
20219	Santa Clara	Calaveras Reservoir	1032	C	Alum Rock Pk area	51-G			Middle Miocene			
20220	Santa Clara	Calaveras Reservoir	1032	D	Alum Rock Pk area	51-G			Middle Miocene			
20221	Santa Clara	Calaveras Reservoir	1032	E	Alum Rock Pk area	51-G			Middle Miocene			
20222	Santa Clara	Calaveras Reservoir	1032	F	Alum Rock Pk area	51-G			Middle Miocene			
20223	Solano	Denverton	1033	60	Geoph CH	51-G		18/4N/1E	Eocene			
20224	Solano	Denverton	1033	70	Geoph CH	51-F		Capay	Eocene			
20225	Solano	Denverton	1033	80	Geoph CH	51-F		Capay	Eocene			
20226	Solano	Denverton	1033	90	Geoph CH	51-F		Capay	Eocene			
20227	Solano	Denverton	1033	100	Geoph CH	51-F		Capay	Eocene			
20228	Solano	Denverton	1033	110	Geoph CH	51-F		Capay	Eocene			
20229	Solano	Denverton	1033	120	Geoph CH	51-F		Capay	Eocene			
20230	Ventura	Ventura	1033		Canada del Diablo	5-C			Upper Pliocene			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
20231	Ventura	Ventura	1034		Canada del Diablo	5-C			Upper Pliocene			
20232	Solano	Denverton	1034	55	Geoph CH	51-F		13/4N/1W	Eocene			
20233	Solano	Denverton	1034	60	Geoph CH	51-F		Capay	Eocene			
20234	Solano	Denverton	1034	70	Geoph CH	51-F		Capay	Eocene			
20235	Solano	Denverton	1034	75	Geoph CH	51-F		Capay	Eocene			
20236	Solano	Denverton	1034	80	Geoph CH	51-F		Capay	Eocene			
20237	Solano	Denverton	1034	85	Geoph CH	51-F		Capay	Eocene			
20238	Solano	Denverton	1034	90	Geoph CH	51-F		Capay	Eocene			
20239	Solano	Denverton	1034	100	Geoph CH	51-F		Capay	Eocene			
20240	Solano	Denverton	1034	110	Geoph CH	51-F		Capay	Eocene			
20241	Solano	Denverton	1034	120	Geoph CH	51-F		Capay	Eocene			
20242	Solano	Denverton	1034	130	Geoph CH	51-F		Capay	Eocene			
20243	Solano	Denverton	1034	140	Geoph CH	51-F		Capay	Eocene			
20244	Solano	Denverton	1034	150	Geoph CH	51-F		Capay	Eocene			
20245	Solano	Denverton	1034	160	Geoph CH	51-F		Capay	Eocene			
20246	Solano	Denverton	1034	170	Geoph CH	51-F		Capay	Eocene			
20247	Solano	Denverton	1034	180	Geoph CH	51-F		Capay	Eocene			
20248	Solano	Denverton	1034	190	Geoph CH	51-F		Capay	Eocene			
20249	Solano	Denverton	1034	200	Geoph CH	51-F		Capay	Eocene			
20250	Solano	Denverton	1034	210	Geoph CH	51-F		Capay	Eocene			
20251	Ventura	Ventura	1035		Canada del Diablo	5-C		fault zone?	Mixed Plio and Mio			
20252	Solano	Denverton	1036	100	Geoph CH	51-B		Capay	Eocene			
20253	Solano	Denverton	1036	105	Geoph CH	51-B		Capay	Eocene			
20254	Solano	Denverton	1036	110	Geoph CH	51-B		Capay	Eocene			
20255	Solano	Denverton	1036	120	Geoph CH	51-B		Capay	Eocene			
20256	Solano	Denverton	1036	120	Geoph CH	51-B		Capay	Eocene			
20257	Solano	Denverton	1038	50	Geoph CH	51-F		Capay	Eocene			
20258	Solano	Denverton	1038	60	Geoph CH	51-F		Capay	Eocene			
20259	Solano	Denverton	1038	66	Geoph CH	51-F		Capay	Eocene			
20260	Solano	Denverton	1038	66	Geoph CH	51-F		Capay	Eocene			
20261	Solano	Denverton	1038	80	Geoph CH	51-F		Capay	Eocene			
20262	Solano	Denverton	1038	90	Geoph CH	51-F		Capay	Eocene			
20263	Solano	Denverton	1038	100	Geoph CH	51-F		Capay	Eocene			
20264	Solano	Denverton	1038	110	Geoph CH	51-F		Capay	Eocene			
20265	Solano	Denverton	1038	150	Geoph CH	51-F		Capay	Eocene			
20266	Solano	Denverton	1038	160	Geoph CH	51-F		Capay	Eocene			
20267	Solano	Denverton	1038	170	Geoph CH	51-F			Cretaceous			
20268	Solano	Denverton	1038	180	Geoph CH	51-F			Cretaceous			
20269	Solano	Denverton	1038	190	Geoph CH	51-F			Cretaceous			
20270	Solano	Denverton	1039	100	Geoph CH	51-B		Capay	Eocene			
20271	Solano	Denverton	1040	60	Geoph CH	53-D	Mixed Upper	13/4N/1W	Mixed Cret/Eocene			
20272	Solano	Denverton	1040	60	Geoph CH	53-D	Cretaceous and	1425' N and	Mixed Cret/Eocene			
20273	Solano	Denverton	1040	70	Geoph CH	53-D	Eocene forams	100' W from	Mixed Cret/Eocene			
20274	Solano	Denverton	1040	80	Geoph CH	53-D	suggest either	SE corner	Mixed Cret/Eocene			
20275	Solano	Denverton	1040	90	Geoph CH	53-D	reworking, caving		Mixed Cret/Eocene			
20276	Solano	Denverton	1040	100	Geoph CH	53-D	or faulting from		Mixed Cret/Eocene			
20277	Solano	Denverton	1040	110	Geoph CH	53-E	top to bottom of		Mixed Cret/Eocene			
20278	Solano	Denverton	1040	120	Geoph CH	53-E	drill hole. Not sure		Mixed Cret/Eocene			
20279	Solano	Denverton	1040	130	Geoph CH	53-E	if these are cores		Mixed Cret/Eocene			
20280	Solano	Denverton	1040	140	Geoph CH	53-E	or drill stem		Mixed Cret/Eocene			
20281	Solano	Denverton	1040	150	Geoph CH	53-E	samples. Probably		Mixed Cret/Eocene			
20282	Solano	Denverton	1040	160	Geoph CH	53-E	ditch samples like		Mixed Cret/Eocene			
20283	Solano	Denverton	1040	170	Geoph CH	53-E	those in 1042.		Mixed Cret/Eocene			
20284	Solano	Denverton	1040	180	Geoph CH	53-E			Mixed Cret/Eocene			
20285	Solano	Denverton	1040	190	Geoph CH	53-E			Mixed Cret/Eocene			
20286	Solano	Denverton	1040	200	Geoph CH	53-E			Mixed Cret/Eocene			
20287	Solano	Denverton	1040	210	Geoph CH	53-E			Mixed Cret/Eocene			
20288	Solano	Denverton	1040	220	Geoph CH	53-E			Mixed Cret/Eocene			
20289	Solano	Denverton	1040	230	Geoph CH	53-E			Mixed Cret/Eocene			
20290	Solano	Denverton	1040	240	Geoph CH	53-E			Mixed Cret/Eocene			
20291	Solano	Denverton	1040	250	Geoph CH	53-E			Mixed Cret/Eocene			
20292	Solano	Denverton	1040	260	Geoph CH	53-E			Mixed Cret/Eocene			
20293	Solano	Denverton	1040	270	Geoph CH	53-E			Mixed Cret/Eocene			
20294	Solano	Denverton	1040	280	Geoph CH	53-E			Mixed Cret/Eocene			
20295	Solano	Denverton	1040	290	Geoph CH	53-E			Mixed Cret/Eocene			
20296	Solano	Denverton	1040	300	Geoph CH	53-E			Mixed Cret/Eocene			
20297	Solano	Denverton	1040	310	Geoph CH	53-E			Mixed Cret/Eocene			
20298	Solano	Denverton	1040	320	Geoph CH	53-E			Mixed Cret/Eocene			
20299	Solano	Denverton	1040	330	Geoph CH	53-E			Mixed Cret/Eocene			
20300	Solano	Denverton	1040	340	Geoph CH	53-E			Mixed Cret/Eocene			
20301	Solano	Denverton	1040	350	Geoph CH	53-E			Mixed Cret/Eocene			
20302	Solano	Denverton	1040	360	Geoph CH	53-E			Mixed Cret/Eocene			
20303	Solano	Denverton	1040	370	Geoph CH	53-E			Mixed Cret/Eocene			
20304	Solano	Denverton	1040	380	Geoph CH	53-E			Mixed Cret/Eocene			
20305	Solano	Denverton	1040	390	Geoph CH	53-E			Mixed Cret/Eocene			
20306	Solano	Denverton	1040	400	Geoph CH	53-E			Mixed Cret/Eocene			
20307	Solano	Denverton	1040	410	Geoph CH	53-E			Mixed Cret/Eocene			
20308	Solano	Denverton	1040	420	Geoph CH	53-E			Mixed Cret/Eocene			
20309	Solano	Denverton	1040	430	Geoph CH	53-E			Mixed Cret/Eocene			
20310	Solano	Denverton	1042	80	Geoph CH	53-E		13/4N/1W	Eocene			
20311	Solano	Denverton	1042	80	Geoph CH	53-E		1438' N and	Eocene			
20312	Solano	Denverton	1042	100	Geoph CH	53-E		25' W from SE	Eocene			
20313	Solano	Denverton	1042	110	Geoph CH	53-E		corner. Ditch	Eocene			
20314	Solano	Denverton	1042	120	Geoph CH	53-E		samples	Eocene			
20315	Solano	Denverton	1042	130	Geoph CH	53-E		Capay	Eocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
20316	Solano	Denverton	1042	140	Geoph CH	53-E		Capay	Eocene			
20317	Solano	Denverton	1042	150	Geoph CH	53-E		Capay	Eocene			
20318	Solano	Denverton	1042	160	Geoph CH	53-E		Capay	Eocene			
20319	Solano	Denverton	1042	170	Geoph CH	53-E		Capay	Eocene			
20320	Solano	Denverton	1042	180	Geoph CH	53-E		Capay	Eocene			
20321	Solano	Denverton	1042	190	Geoph CH	53-E		Capay	Eocene			
20322	Solano	Denverton	1042	200	Geoph CH	53-E		Capay	Eocene			
20323	Solano	Denverton	1042	210	Geoph CH	53-E		Capay	Eocene			
20324	Solano	Denverton	1042	220	Geoph CH	53-E		Capay	Eocene			
20325	Solano	Denverton	1042	230	Geoph CH	53-E		Capay	Eocene			
20326	Solano	Denverton	1042	240	Geoph CH	53-E		Capay	Eocene			
20327	Solano	Denverton	1042	250	Geoph CH	53-E		Capay	Eocene			
20328	Solano	Denverton	1042	260	Geoph CH	53-E		Capay	Eocene			
20329	Solano	Denverton	1042	270	Geoph CH	53-E		Capay	Eocene			
20330	Solano	Denverton	1042	280	Geoph CH	53-E		Capay	Eocene			
20331	Solano	Denverton	1042	290	Geoph CH	53-E		Capay	Eocene			
20332	Solano	Denverton	1042	300	Geoph CH	53-E		Capay	Eocene			
20333	Solano	Denverton	1042	310	Geoph CH	53-E		Capay	Eocene			
20334	Solano	Denverton	1042	320	Geoph CH	53-E		Capay	Eocene			
20335	Solano	Denverton	1042	330	Geoph CH	53-E		Capay	Eocene			
20336	Solano	Denverton	1042	340	Geoph CH	53-E		Capay	Eocene			
20337	Solano	Denverton	1042	350	Geoph CH	53-F		Capay	Eocene			
20338	Solano	Denverton	1042	360	Geoph CH	53-F		Capay	Eocene			
20339	Solano	Denverton	1042	370	Geoph CH	53-F		Capay	Eocene			
20340	Solano	Denverton	1042	380	Geoph CH	53-F		Capay	Eocene			
20341	Solano	Denverton	1042	390	Geoph CH	53-F		Capay	Eocene			
20342	Solano	Denverton	1042	400	Geoph CH	53-F		Capay	Eocene			
20343	Solano	Denverton	1042	410	Geoph CH	53-F		Capay	Eocene			
20344	Solano	Denverton	1042	420	Geoph CH	53-F		Capay	Eocene			
20345	Solano	Denverton	1042	430	Geoph CH	53-F		Capay	Eocene			
20346	Solano	Denverton	1042	440	Geoph CH	53-F		Capay	Eocene			
20347	Solano	Denverton	1042	450	Geoph CH	53-F		Capay	Eocene			
20348	Solano	Denverton	1042	460	Geoph CH	53-F		Capay	Eocene			
20349	Solano	Denverton	1042	470	Geoph CH	53-F		Capay	Mixed Cret/Eocene			
20350	Solano	Denverton	1042	480	Geoph CH	53-F		Capay	Mixed Cret/Eocene			
20351	Solano	Denverton	1042	490	Geoph CH	53-F		Capay	Mixed Cret/Eocene			
20352	Solano	Denverton	1042	500	Geoph CH	53-F		Capay	Mixed Cret/Eocene			
20353	Solano	Denverton	1042	510	Geoph CH	53-F		Capay	Mixed Cret/Eocene			
20354	Solano	Denverton	1042	520	Geoph CH	53-F		Capay	Mixed Cret/Eocene			
20355	Solano	Denverton	1042	530	Geoph CH	53-F		Capay	Mixed Cret/Eocene			
20356	Solano	Denverton	1042	540	Geoph CH	53-F		Capay	Mixed Cret/Eocene			
20357	Solano	Denverton	1042	550	Geoph CH	53-F		Capay	Mixed Cret/Eocene			
20358	Solano	Denverton	1043	70	Geoph CH	115-D	13/4N/1W		Mixed Cret/Eocene			
20359	Solano	Denverton	1043	80	Geoph CH	115-D	1413' N and 96'W		Mixed Cret/Eocene			
20360	Solano	Denverton	1043	90	Geoph CH	115-D	from SE corner.		Mixed Cret/Eocene			
20361	Solano	Denverton	1043	100	Geoph CH	115-D	Ditch samples.		Mixed Cret/Eocene			
20362	Solano	Denverton	1043	110	Geoph CH	115-D	Samples have a		Mixed Cret/Eocene			
20363	Solano	Denverton	1043	120	Geoph CH	115-D	mixture of Eocene		Mixed Cret/Eocene			
20364	Solano	Denverton	1043	130	Geoph CH	115-D	and Cretaceous		Mixed Cret/Eocene			
20365	Solano	Denverton	1043	140	Geoph CH	115-D	forams. See notes		Mixed Cret/Eocene			
20366	Solano	Denverton	1043	150	Geoph CH	115-D	for 1040 above.		Mixed Cret/Eocene			
20367	Solano	Denverton	1043	160	Geoph CH	115-D			Mixed Cret/Eocene			
20368	Solano	Denverton	1043	170	Geoph CH	115-D			Mixed Cret/Eocene			
20369	Solano	Denverton	1043	180	Geoph CH	115-D			Mixed Cret/Eocene			
20370	Solano	Denverton	1043	190	Geoph CH	115-E			Mixed Cret/Eocene			
20371	Solano	Denverton	1043	200	Geoph CH	115-E			Mixed Cret/Eocene			
20372	Solano	Denverton	1043	210	Geoph CH	115-E			Mixed Cret/Eocene			
20373	Solano	Denverton	1043	220	Geoph CH	115-E			Mixed Cret/Eocene			
20374	Solano	Denverton	1043	230	Geoph CH	115-E			Mixed Cret/Eocene			
20375	Solano	Denverton	1043	240	Geoph CH	115-E			Mixed Cret/Eocene			
20376	Solano	Denverton	1043	250	Geoph CH	115-E			Mixed Cret/Eocene			
20377	Ventura	Simi Valley West	1043		Happy Camp area	57-I	old Simi quad		no paleo info			
20378	Ventura	Simi Valley West	1046		Happy Camp area	57-I	old Simi quad		no paleo info			
20380	Sutter	Sutter Buttes	1055		Fig Tree Gulch		28/16N/1E		small snails	Stewart		
20381	Fresno	The Dark Hole	1111	1	Arroyo Pinoso	161-G			Upper Cretaceous			
20382	Fresno	The Dark Hole	1111	1B	Arroyo Pinoso	161-G			Upper Cretaceous			
20383	Fresno	The Dark Hole	1111	3	Arroyo Pinoso	161-G			M Eocene A-2 zone			
20384	Fresno	The Dark Hole	1111	7	Arroyo Pinoso	161-G			Delmontian?			
20385	Fresno	The Dark Hole	1111	8B	Arroyo Pinoso	161-G			Pliocene			
20386	Fresno	The Dark Hole	1111	9A	Arroyo Pinoso	161-G			Probably Pliocene			
20387	Fresno	The Dark Hole	1111	11A	Arroyo Pinoso	161-G			Pliocene			
20388	Fresno	The Dark Hole	1111	12B	Arroyo Pinoso	161-G			Pliocene			
20389	Kings	Reef Ridge	1113	2	Garza/Canoas Cks	G-13			M Eocene A-2 zone			
20390	Yolo	Guinda	1120	2	Wildcat Ck area	151-H	Guinda 15'	25/12N/2W	U Cret F-1 zone			
20391	Yolo	Guinda	1120	3	Wildcat Ck area	151-H	Guinda 15'	Have strat	U Cret F-1 zone			
20392	Yolo	Guinda	1120	4	Wildcat Ck area	151-H	Guinda 15'	column	U Cret F-1 zone			
20393	Yolo	Guinda	1120	5	Wildcat Ck area	151-H	Guinda 15'		U Cret F-1 zone			
20394	Yolo	Guinda	1120	6	Wildcat Ck area	151-H	Guinda 15'		U Cret F-1 zone			
20395	Yolo	Guinda	1120	7	Wildcat Ck area	151-H	Guinda 15'		U Cret F-1 zone			
20396	Yolo	Guinda	1120	8	Wildcat Ck area	151-H	Guinda 15'		U Cret F-1 zone			
20397	Yolo	Guinda	1120	9	Wildcat Ck area	151-H	Guinda 15'		U Cret F-2 zone			
20398	Yolo	Guinda	1120	10	Wildcat Ck area	151-H	Guinda 15'		U Cret F-2 zone			
20399	Yolo	Bird Valley	1121	1	Tut Canyon	151-H	Guinda 15'	17/11N/2W	U Cret F-1 zone			
20400	Yolo	Bird Valley	1121	2	Tut Canyon	151-H	Guinda 15'	Have strat	barren			
20401	Yolo	Bird Valley	1121	3	Tut Canyon	151-H	Guinda 15'	column	U Cret F-1 zone			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
20402	Yolo	Bird Valley	1121	4	Tut Canyon	151-H	Guinda 15'		barren			
20403	Yolo	Bird Valley	1121	5	Tut Canyon	151-H	Guinda 15'		not diagnostic			
20404	Yolo	Guinda	1121	9	Tut Canyon	151-H	Guinda 15'		not diagnostic			
20405	Yolo	Guinda	1121	10	Tut Canyon	151-H	Guinda 15'		U Cret F-2 zone			
20406	Yolo	Guinda	1121	11	Tut Canyon	151-H	Guinda 15'		not diagnostic			
20407	Yolo	Guinda	1121	12	Tut Canyon	151-H	Guinda 15'		not diagnostic			
20408	Yolo	Guinda	1121	13	Tut Canyon	151-H	Guinda 15'		not diagnostic			
20409	Yolo	Guinda	1121	14	Tut Canyon	151-H	Guinda 15'		not diagnostic			
20410	Yolo	Guinda	1121	15	Tut Canyon	151-H	Guinda 15'		not diagnostic			
20411	Yolo	Bird Valley	1122	1	Capay Hills	151-I	Guinda 15'	29/11N/2W	U Cret F-1 zone			
20412	Yolo	Bird Valley	1122	2	Capay Hills	151-I	Guinda 15'	Have strat	not diagnostic			
20413	Yolo	Bird Valley	1122	3	Capay Hills	151-I	Guinda 15'	column	U Cret F-1 zone			
20414	Yolo	Bird Valley	1122	4	Capay Hills	151-I	Guinda 15'		not diagnostic			
20415	Yolo	Bird Valley	1122	5	Capay Hills	151-I	Guinda 15'		U Cret F-1 zone			
20416	Yolo	Bird Valley	1122	6	Capay Hills	151-I	Guinda 15'		not diagnostic			
20417	Yolo	Bird Valley	1122	7	Capay Hills	151-I	Guinda 15'		not diagnostic			
20418	Yolo	Bird Valley	1122	8	Capay Hills	151-I	Guinda 15'		not diagnostic			
20419	Yolo	Bird Valley	1122	9	Capay Hills	151-I	Guinda 15'		not diagnostic			
20420	Yolo	Bird Valley	1122	19	Capay Hills	151-I	Guinda 15'		U Cret F-1 zone			
20421	Yolo	Bird Valley	1123	4	Capay Hills	151-I	Guinda 15'	32/11N/2W	Prob U Cret F-1			
20422	Yolo	Bird Valley	1123	6	Capay Hills	151-I	Guinda 15'	Have strat	Prob U Cret F-1			
20423	Yolo	Bird Valley	1123	7	Capay Hills	151-I	Guinda 15'	column	Prob U Cret F-1			
20424	Yolo	Bird Valley	1123	8	Capay Hills	151-I	Guinda 15'		Prob U Cret F-1			
20425	Yolo	Bird Valley	1123	9	Capay Hills	151-I	Guinda 15'		Prob U Cret F-1			
20426	Yolo	Bird Valley	1123	10	Capay Hills	151-I	Guinda 15'		Prob U Cret F-1			
20427	Yolo	Guinda	1124	1	Capay Hills	151-I	Guinda 15'	13/11N/3W	not diagnostic			
20428	Yolo	Guinda	1124	2	Capay Hills	151-I	Guinda 15'	Have strat	not diagnostic			
20429	Yolo	Guinda	1124	5	Capay Hills	151-I	Guinda 15'	column	not diagnostic			
20430	Yolo	Bird Valley	1124	6	Capay Hills	151-I	Guinda 15'		U Cret F-1 zone			
20431	Yolo	Bird Valley	1124	7	Capay Hills	151-I	Guinda 15'		not diagnostic			
20432	Yolo	Bird Valley	1124	8	Capay Hills	151-I	Guinda 15'		not diagnostic			
20433	Yolo	Bird Valley	1124	9	Capay Hills	151-I	Guinda 15'		U Cret F-1 zone			
20434	Yolo	Bird Valley	1124	10	Capay Hills	151-I	Guinda 15'		not diagnostic			
20435	Yolo	Bird Valley	1124	11	Capay Hills	151-I	Guinda 15'		not diagnostic			
20436	Yolo	Bird Valley	1124	12	Capay Hills	151-I	Guinda 15'		not diagnostic			
20437	Yolo	Bird Valley	1124	13	Capay Hills	151-I	Guinda 15'		not diagnostic			
20438	Yolo	Bird Valley	1124	14	Capay Hills	151-I	Guinda 15'	17/11N/2W	U Cret F-1 zone			
20439	Yolo	Bird Valley	1124	15	Capay Hills	151-I	Guinda 15'		U Cret F-1 zone			
20440	Yolo	Bird Valley	1124	16	Capay Hills	151-I	Guinda 15'		U Cret F-1 zone			
20441	Yolo	Guinda	1125	4	Sulphur Springs	151-I	Guinda 15'	7/11N/2W	not diagnostic			
20442	Yolo	Guinda	1125	5	Sulphur Springs	151-I	Guinda 15'	Have strat	not diagnostic			
20443	Yolo	Bird Valley	1125	7	Sulphur Springs	151-I	Guinda 15'	column	not diagnostic			
20444	Yolo	Bird Valley	1125	8	Sulphur Springs	151-I	Guinda 15'		not diagnostic			
20445	Yolo	Bird Valley	1125	9	Sulphur Springs	151-I	Guinda 15'		not diagnostic			
20446	Yolo	Bird Valley	1125	10	Sulphur Springs	151-I	Guinda 15'		not diagnostic			
20447	Yolo	Bird Valley	1125	11	Sulphur Springs	151-I	Guinda 15'	7/11N/2W	U Cret F-1 zone			
20448	Yolo	Bird Valley	1125	12	Sulphur Springs	151-I	Guinda 15'		U Cret F-1 zone			
20449	Yolo	Bird Valley	1125	15	Sulphur Springs	151-I	Guinda 15'		not diagnostic			
20450	Yolo	Guinda	1126	2	Wood Canyon	151-I	Guinda 15'	12/11N/3W	not diagnostic			
20451	Yolo	Guinda	1126	3	Wood Canyon	151-I	Guinda 15'	Have strat	not diagnostic			
20452	Yolo	Guinda	1126	4	Wood Canyon	151-I	Guinda 15'	column	not diagnostic			
20453	Yolo	Guinda	1126	6	Wood Canyon	151-I	Guinda 15'		not diagnostic			
20454	Yolo	Guinda	1126	7	Wood Canyon	151-I	Guinda 15'		not diagnostic			
20455	Yolo	Guinda	1126	8	Wood Canyon	151-I	Guinda 15'		not diagnostic			
20456	Yolo	Guinda	1126	9	Wood Canyon	151-I	Guinda 15'		not diagnostic			
20457	Yolo	Bird Valley	1126	10	Wood Canyon	151-I	Guinda 15'		not diagnostic			
20458	Yolo	Bird Valley	1126	13	Wood Canyon	151-I	Guinda 15'		not diagnostic			
20459	Yolo	Guinda	1127	4	Little Salt Canyon	151-I	Guinda 15'	1/11N/3W	not diagnostic			
20460	Yolo	Guinda	1127	6	Little Salt Canyon	151-I	Guinda 15'	Have strat	Upper Cret F-1?			
20461	Yolo	Guinda	1127	7	Little Salt Canyon	151-I	Guinda 15'	column	UpperCret F-1?			
20462	Yolo	Guinda	1127	8	Little Salt Canyon	151-I	Guinda 15'	6/11N/3W	not diagnostic			
20463	Yolo	Guinda	1127	10	Little Salt Canyon	151-I	Guinda 15'		barren			
20464	Yolo	Guinda	1127	11	Little Salt Canyon	151-I	Guinda 15'		not diagnostic			
20465	Yolo	Guinda	1127	12	Little Salt Canyon	151-I	Guinda 15'	6/11N/1W	Upper Cret F-1?			
20466	Yolo	Bird Valley	1127	13	Little Salt Canyon	151-I	Guinda 15'		not diagnostic			
20467	Yolo	Bird Valley	1127	14	Little Salt Canyon	151-I	Guinda 15'		not diagnostic			
20468	Yolo	Bird Valley	1127	15	Little Salt Canyon	151-I	Guinda 15'	1/11N/3W	U Cret G-1 zone			
20469	Yolo	Bird Valley	1127	16	Little Salt Canyon	151-I	Guinda 15'		U Cret G-1 zone			
20470	Yolo	Bird Valley	1127	17	Little Salt Canyon	151-I	Guinda 15'		U Cret G-1 zone			
20471	Yolo	Guinda	1128	2	Gibbs Spring area	151-K	Guinda 15'	7/11N/3W	U Cret G-1 zone			
20472	Yolo	Guinda	1128	3	Gibbs Spring area	151-K	Guinda 15'		not diagnostic			
20473	Yolo	Guinda	1128	4	Gibbs Spring area	151-K	Guinda 15'		U Cret G-1 zone			
20474	Yolo	Guinda	1128	5	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	U Cret G-1 zone			
20475	Yolo	Guinda	1128	6	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	U Cret G-1 zone			
20476	Yolo	Guinda	1128	7	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	U Cret G-1 zone			
20477	Yolo	Guinda	1128	8	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	U Cret G-1 zone			
20478	Yolo	Guinda	1128	9	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	U Cret G-1 zone			
20479	Yolo	Guinda	1128	10	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	U Cret G-1 zone			
20480	Yolo	Guinda	1128	11	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	U Cret G-1 zone			
20481	Colusa	Rumsey	1129	1	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20482	Colusa	Rumsey	1129	2	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20483	Colusa	Rumsey	1129	3	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20484	Colusa	Rumsey	1129	4	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20485	Colusa	Rumsey	1129	5	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20486	Colusa	Rumsey	1129	6	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
20487	Colusa	Rumsey	1129	7	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20488	Colusa	Rumsey	1129	8	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20489	Colusa	Rumsey	1129	9	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20490	Colusa	Rumsey	1129	10	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20491	Colusa	Rumsey	1129	11	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20492	Colusa	Rumsey	1129	12	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20493	Colusa	Rumsey	1129	13	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20494	Colusa	Rumsey	1129	14	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20495	Colusa	Rumsey	1129	15	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20496	Colusa	Rumsey	1129	16	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20497	Colusa	Rumsey	1129	17	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20498	Colusa	Rumsey	1129	18	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20499	Colusa	Rumsey	1129	19	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20500	Colusa	Rumsey	1129	20	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20501	Colusa	Rumsey	1129	21	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20502	Colusa	Rumsey	1129	22	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20503	Colusa	Rumsey	1129	23	Sand Creek	152-J	Guinda 15'	7/13N/3W	U Cret G-1 zone			
20504	Yolo	Brooks	1130	1	Salt Arroyo	151-L	L Beryessa 15'	25/10N/3W	U Cret G-1 zone			
20505	Yolo	Brooks	1130	2	Salt Arroyo	151-L	L Beryessa 15'	Have strat	U Cret G-1 zone			
20506	Yolo	Brooks	1130	3	Salt Arroyo	151-L	L Beryessa 15'	column	U Cret G-1 zone			
20507	Yolo	Brooks	1130	4	Salt Arroyo	151-L	L Beryessa 15'		U Cret G-1 zone			
20508	Yolo	Brooks	1130	5	Salt Arroyo	151-L	L Beryessa 15'		U Cret G-1 zone			
20509	Yolo	Brooks	1130	6	Salt Arroyo	151-L	L Beryessa 15'		U Cret G-1 zone			
20510	Yolo	Brooks	1130	7	Salt Arroyo	151-L	L Beryessa 15'		U Cret G-1 zone			
20511	Yolo	Brooks	1130	8	Salt Arroyo	151-L	L Beryessa 15'		U Cret G-1 zone			
20512	Yolo	Brooks	1130	9	Salt Arroyo	151-L	L Beryessa 15'		U Cret G-1 zone			
20513	Yolo	Brooks	1130	10	Salt Arroyo	151-L	L Beryessa 15'		U Cret G-1 zone			
20514	Yolo	Brooks	1130	11	Salt Arroyo	151-L	L Beryessa 15'		U Cret G-1 zone			
20515	Yolo	Brooks	1130	12	Salt Arroyo	151-L	L Beryessa 15'		U Cret G-1 zone			
20516	Yolo	Brooks	1130	14	Salt Arroyo	151-L	L Beryessa 15'		U Cret F-1 or G-1			
20517	Yolo	Brooks	1130	15	Salt Arroyo	151-L	L Beryessa 15'		U Cret F-1 or G-1			
20518	Yolo	Brooks	1130	17	Salt Arroyo	151-L	L Beryessa 15'		not diagnostic			
20519	Yolo	Brooks	1130	21	Salt Arroyo	151-L	L Beryessa 15'	19/10N/2W	U Cret F-1 or F-2			
20520	Yolo	Esparto	1130	23	Salt Arroyo	151-L	L Beryessa 15'	30/10N/2W	U Cret F-1 zone			
20521	Yolo	Esparto	1131	1	Cottonwood Cyn	151-L	L Beryessa 15'	Have strat	not diagnostic			
20522	Yolo	Esparto	1131	2	Cottonwood Cyn	151-L	L Beryessa 15'	column	not diagnostic			
20523	Yolo	Esparto	1131	3	Cottonwood Cyn	151-L	L Beryessa 15'	17/9N/2W	U Cret G-1 zone			
20524	Yolo	Esparto	1131	4	Cottonwood Cyn	151-L	L Beryessa 15'		barren			
20525	Yolo	Esparto	1131	5	Cottonwood Cyn	151-L	L Beryessa 15'	Ctnwood Ck	U Cret F-1 or G-1			
20526	Yolo	Esparto	1131	6	Cottonwood Cyn	151-L	L Beryessa 15'	17/9N/2W	U Cret F-1 or G-1			
20527	Yolo	Esparto	1131	8	Cottonwood Cyn	151-L	L Beryessa 15'		not diagnostic			
20528	Yolo	Esparto	1131	10	Cottonwood Cyn	151-L	L Beryessa 15'	16/9N/2W	Upper Cretaceous			
20529	Yolo	Esparto	1131	14	Cottonwood Cyn	151-L	L Beryessa 15'		not diagnostic			
20530	Yolo	Esparto	1131	17	Cottonwood Cyn	151-L	L Beryessa 15'		U Cret F-1 zone			
20531	Yolo	Esparto	1131	18	Cottonwood Cyn	151-L	L Beryessa 15'		U Cret F-1 zone			
20532	Yolo	Esparto	1131	20	Cottonwood Cyn	151-L	L Beryessa 15'		U Cret F-1 zone			
20533	Yolo	Esparto	1131	21	Cottonwood Cyn	151-L	L Beryessa 15'		U Cret F-1 zone			
20534	Yolo	Esparto	1131	22	Cottonwood Cyn	151-L	L Beryessa 15'		not diagnostic			
20535	Yolo	Esparto	1131	23	Cottonwood Cyn	151-L	L Beryessa 15'		U Cret F-1 zone			
20536	Yolo	Esparto	1131	24	Cottonwood Cyn	151-L	L Beryessa 15'		not diagnostic			
20537	Yolo	Monticello Dam	1132	6	Putah Creek	151-L	L Beryessa 15'		U Eocene			
20538	Yolo	Monticello Dam	1133	1	Enos Creek	151-M	L Beryessa 15'	2/8N/2W	not diagnostic			
20539	Yolo	Monticello Dam	1133	3	Enos Creek	151-M	L Beryessa 15'	Have strat	not diagnostic			
20540	Yolo	Monticello Dam	1133	6	Enos Creek	151-M	L Beryessa 15'	column	U Cret F-1 zone			
20541	Yolo	Monticello Dam	1133	6	Enos Creek	151-M	L Beryessa 15'		U Cret F-1 zone			
20542	Yolo	Monticello Dam	1133	7	Enos Creek	151-M	L Beryessa 15'		not diagnostic			
20543	Yolo	Monticello Dam	1133	8	Enos Creek	151-M	L Beryessa 15'		not diagnostic			
20544	Yolo	Monticello Dam	1133	6	Enos Creek	93-C	L Beryessa 15'	duplicates?	U Cret F-1 zone			
20545	Yolo	Monticello Dam	1133	7	Enos Creek	93-C	L Beryessa 15'	duplicates?	not diagnostic			
20546	Yolo	Monticello Dam	1133	8	Enos Creek	93-C	L Beryessa 15'	duplicates?	not diagnostic			
20547	Solano	Fairfield North	1134	1	not on map	151-M	Along Hwy 80	not on map	not diagnostic			
20548	Solano	Fairfield North	1134	3	not on map	151-M	Along Hwy 80	Have strat	not diagnostic			
20549	Solano	Fairfield North	1134	4	not on map	151-M	Along Hwy 80	column	not diagnostic			
20550	Solano	Fairfield North	1134	5	not on map	151-M	Along Hwy 80	29-30/6N/1W	not diagnostic			
20551	Solano	Fairfield North	1134	6	not on map	151-M	Along Hwy 80		not diagnostic			
20552	Solano	Fairfield North	1134	7	not on map	151-M	Along Hwy 80		not diagnostic			
20553	Solano	Fairfield North	1134	8	not on map	151-M	Along Hwy 80		U Cret F-1 zone			
20554	Solano	Fairfield North	1134	9	not on map	151-M	Along Hwy 80		U Cret F-1 zone			
20555	Solano	Fairfield North	1134	10	not on map	151-M	Along Hwy 80		U Cret F-1 zone			
20556	Solano	Fairfield North	1134	11	not on map	151-M	Along Hwy 80		U Cret F-1 zone			
20557	Solano	Fairfield North	1134	12	not on map	151-M	Along Hwy 80		U Cret F-1 zone			
20558	Solano	Fairfield North	1134	13	not on map	151-M	Along Hwy 80		U Cret F-1 zone			
20559	Solano	Fairfield North	1134	14	not on map	151-M	Along Hwy 80		U Cret F-1 zone			
20560	Solano	Fairfield North	1134	15	not on map	151-M	Along Hwy 80		U Cret F-2 zone			
20561	Solano	Fairfield North	1134	16	not on map	151-M	Along Hwy 80		not diagnostic			
20562	Solano	Fairfield North	1134	17	not on map	151-M	Along Hwy 80		not diagnostic			
20563	Solano	Fairfield North	1134	18	not on map	151-M	Along Hwy 80		not diagnostic			
20564	Solano	Fairfield North	1134	19	not on map	151-M	Along Hwy 80		not diagnostic			
20565	Solano	Fairfield North	1134	20	not on map	151-M	Along Hwy 80		U Cret F-2 zone			
20566	Solano	Fairfield North	1134	21	not on map	151-M	Along Hwy 80		not diagnostic			
20567	Solano	Fairfield North	1134	22	not on map	151-M	Along Hwy 80		not diagnostic			
20568	Solano	Fairfield North	1134	24	not on map	151-M	Along Hwy 80		not diagnostic			
20569	Solano	Fairfield North	1134	25	not on map	151-M	Along Hwy 80		not diagnostic			
20570	Solano	Fairfield North	1134	26	not on map	151-M	Along Hwy 80		not diagnostic			
20571	Solano	Fairfield North	1134	28	not on map	151-M	Along Hwy 80		not diagnostic			

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1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
20572	Solano	Fairfield North	1134	29	not on map	151-M	Along Hwy 80					not diagnostic
20573	Solano	Fairfield North	1134	30	not on map	151-M	Along Hwy 80					barren
20574	Solano	Fairfield North	1134	31	not on map	151-M	Along Hwy 80					not diagnostic
20575	Solano	Fairfield North	1134	32	not on map	151-M	Along Hwy 80					not diagnostic
20576	Solano	Fairfield North	1134	33	not on map	151-M	Along Hwy 80					not diagnostic
20577	Kern	Packwood Creek	1138	1	Packwood Creek	7-H	(NOT Guinda)					no paleo info
20578	Kern	Packwood Creek	1138	3	Packwood Creek	7-H						no paleo info
20579	Kern	Packwood Creek	1138	4A	Packwood Creek	7-H						no paleo info
20580	Kern	Packwood Creek	1138	4B	Packwood Creek	7-H						no paleo info
20581	Kern	Packwood Creek	1138	4C	Packwood Creek	7-H						no paleo info
20582	Kern	Packwood Creek	1138	6	Packwood Creek	7-H						no paleo info
20583	Kern	Packwood Creek	1138	7	Packwood Creek	7-H						no paleo info
20584	Kern	Packwood Creek	1138	8	Packwood Creek	7-H						no paleo info
20585	Kern	Packwood Creek	1138	9	Packwood Creek	7-H						no paleo info
20586	Kern	Packwood Creek	1138	10	Packwood Creek	7-H						no paleo info
20587	Lake	Wilson Valley	1140	15	Cache Creek	152-J	Morgan Valley 15'	19/13N/5W				Prob L Cret L zone
20588	Lake	Wilson Valley	1140	23	Cache Creek	152-J	Morgan Valley 15'					not diagnostic
20589	Lake	Wilson Valley	1140	57	Cache Creek	152-J	Morgan Valley 15'	Wilson Dam site				not diagnostic
20590	Lake	Wilson Valley	1140	80	Cache Creek	152-J	Morgan Valley 15'					Jurassic?
20591	Lake	Wilson Valley	1140	107	Cache Creek	152-J	Morgan Valley 15'					Jurassic?
20592	Lake	Wilson Valley	1140	132	Cache Creek	152-J	Morgan Valley 15'					Jurassic?
20593	Lake	Wilson Valley	1140	156	Cache Creek	152-J	Morgan Valley 15'					Jurassic?
20594	Lake	Wilson Valley	1140	187	Cache Creek	152-J	Morgan Valley 15'					Jurassic?
20595	Lake	Wilson Valley	1141	55	Cache Creek	151-E	Morgan Valley 15'	19/13N/5W				Jurassic?
20596	Lake	Wilson Valley	1141	111	Cache Creek	151-E	Morgan Valley 15'					Jurassic?
20597	San Luis Obispo	Arroyo Grande NE	1143	N5	Huasna Basin	69-A	Arroyo Grande 15'					Lower Zemorrian
20598	San Luis Obispo	Arroyo Grande NE	1144	N6	Huasna Basin	69-A	Arroyo Grande 15'					Lower Zemorrian
20599	Lake	Wilson Valley	1144	1	Cache Creek	150-F	Morgan Valley 15'	19/13N/5W				Jurassic?
20600	San Luis Obispo	Arroyo Grande NE	1145	N7	Huasna Basin	69-A	Arroyo Grande 15'					Lower Relizian
20601	San Luis Obispo	Tar Springs Ridge	1146	N8	NW part of quad	69-A	Nipomo 15'					Lower Relizian
20602	San Luis Obispo	Tar Springs Ridge	1147	N9	NW part of quad	69-A	Nipomo 15'					Luisian/Relizian
20603	San Luis Obispo	Tar Springs Ridge	1147	N11	NW part of quad	69-A	Nipomo 15'					Probably Relizian
20604	San Luis Obispo	Tar Springs Ridge	1149		NW part of quad	69-A	Nipomo 15'					Luisian/Relizian
20605	Kern	Maricopa	1167		Maricopa area	A-11	sa Oceano					L Mohnian
20606	Kern	Maricopa	1168		Maricopa area	A-11		4/11N/24E				L Mohnian
20607	Kern	Maricopa	1169		Maricopa area	A-11						L Mohnian
20608	San Luis Obispo	Pismo Beach	1185		NE part of quad	69-A	Arroyo Grande 15'					no paleo info
20609	San Luis Obispo	Pismo Beach	1186		NE part of quad	69-A	Arroyo Grande 15'					no paleo info
20610	San Luis Obispo	Pismo Beach	1187		NE part of quad	69-A	Arroyo Grande 15'					no paleo info
20611	San Luis Obispo	Pismo Beach	1188		NE part of quad	69-A	Arroyo Grande 15'					no paleo info
20612	San Luis Obispo	Pismo Beach	1189		NE part of quad	69-A	Arroyo Grande 15'					no paleo info
20613	Los Angeles	Malibu Beach	1231		Kellers Shelter	2-L	old Solstice Cyn Q					no paleo info
20614	Los Angeles	Point Dume	1236		Paradise Cove	2-L	old Solstice Cyn Q					no paleo info
20615	Los Angeles	Point Dume	1236		Paradise Cove	2-L	old Solstice Cyn Q					no paleo info
20616	Los Angeles	Point Dume	1237		Paradise Cove	2-L	old Solstice Cyn Q					no paleo info
20617	Los Angeles	Point Dume	1237		Paradise Cove	2-L	old Solstice Cyn Q					no paleo info
20618	Los Angeles	Point Dume	1238		Paradise Cove	2-L	old Solstice Cyn Q					no paleo info
20619	Los Angeles	Point Dume	1272		Hwy 101	2-L	old Dume Point Q					no paleo info
20620	Los Angeles	Point Dume	1274		Hwy 101	2-A	old Dume Point Q					no paleo info
20621	Los Angeles	Point Dume	1276		Hwy 101	2-A	old Dume Point Q					no paleo info
20622	Los Angeles	Point Dume	1277		Dume Cove	2-A	old Dume Point Q					no paleo info
20623	Los Angeles	Point Dume	1278		Dume Cove	2-A	old Dume Point Q					no paleo info
20624	Los Angeles	Trifuno Pass	1284		Los Alisos Cyn	50-M	old Dume Point Q					no paleo info
20625	Los Angeles	Trifuno Pass	1285		Los Alisos Cyn	50-M	old Dume Point Q					no paleo info
20626	Los Angeles	Trifuno Pass	1287		Los Alisos Cyn	50-M	old Dume Point Q					no paleo info
20627	Los Angeles	Point Dume	1290		not on map	2-A	old Dume Point Q					no paleo info
20628	Los Angeles	Point Dume	1291		not on map	2-L	old Solstice Cyn Q					no paleo info
20629	Los Angeles	Point Dume	1292		Hwy 101	2-L	old Solstice Cyn Q					no paleo info
20630	Los Angeles	Point Dume	1292		picked slide	70-C	old Solstice Cyn Q					no paleo info
20631	Los Angeles	Los Angeles	1301		South Pasadena	70-D						no paleo info
20632	Los Angeles	Los Angeles	1307		center of quad	24-M	old Alhambra Quad					no paleo info
20633	Los Angeles	Los Angeles	1308		center of quad	24-M	old Alhambra Quad					no paleo info
20634	Los Angeles	Los Angeles	1309		center of quad	24-M	old Alhambra Quad					no paleo info
20635	Los Angeles	Los Angeles	1310		center of quad	24-M	old Alhambra Quad					no paleo info
20636	Los Angeles	Los Angeles	1311		center of quad	24-M	old Alhambra Quad					no paleo info
20637	Los Angeles	Los Angeles	1312		center of quad	24-M	old Alhambra Quad					no paleo info
20638	Los Angeles	Los Angeles	1313		center of quad	24-M	old Alhambra Quad					no paleo info
20639	Orange	San Juan Capistrano	1316		SE part of quad	24-A						no paleo info
20640	Orange	San Clemente	1321		S of San Clemente	24-A						no paleo info
20641	Orange	San Clemente	1324		S of San Clemente	24-A						no paleo info
20642	Orange	San Clemente	1326		SW corner of quad	24-A						no paleo info
20643	Orange	San Clemente	1327		SW corner of quad	24-A						no paleo info
20644	Kern	Carneros Rocks	1322		Carneros Creek	55-L						Brooks &
20645	Kern	Carneros Rocks	1323		Carneros Creek	55-L						Brooks &
20646	Kern	Carneros Rocks	1324		Carneros Creek	55-L						Brooks &
20647	Kern	Carneros Rocks	1325		Carneros Creek	55-L						Brooks &
20648	Kern	Carneros Rocks	1326		Carneros Creek	55-L						Brooks &
20649	Kern	Carneros Rocks	1327		Carneros Creek	55-L						Brooks &
20650	Kern	Carneros Rocks	1328		not found	55-L						Brooks &
20651	Orange	San Clemente	1329		NW part of quad	24-A						no paleo info
20652	Orange	San Clemente	1331		WC part of quad	24-A						no paleo info
20653	Orange	San Clemente	1332		WC part of quad	24-A						no paleo info
20654	San Luis Obispo	Maricopa	1330		Elkhorn Valley	66-N						Brooks &
20655	San Luis Obispo	Maricopa	1331		Elkhorn Valley	66-N						Brooks &
20656	San Luis Obispo	Maricopa	1332		Elkhorn Valley	66-N						Brooks &

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGE	COLLECTORS		
20657	Ventura	Lockwood Valley	1333	3	Upper Piru Creek	89-N	see loc 355 for		M Eocene A-2 zon	Zeni & Klem.		
20658	Ventura	Lockwood Valley	1333	4	Upper Piru Creek	89-N	strat column		M Eocene A-2 zon	Zeni & Klem.		
20659	Ventura	Lockwood Valley	1333	6	Upper Piru Creek	89-N	not on map		M Eocene A-2 zon	Zeni & Klem.		
20660	Ventura	Lockwood Valley	1333	8	Upper Piru Creek	89-N			M Eocene A-2 zon	Zeni & Klem.		
20661	Ventura	Lockwood Valley	1333	9	Upper Piru Creek	89-N			M Eocene A-2 zon	Zeni & Klem.		
20662	Ventura	Lockwood Valley	1333	12	Upper Piru Creek	89-N			M Eocene A-2 zon	Zeni & Klem.		
20663	Ventura	Lockwood Valley	1333	13	Upper Piru Creek	89-N			M Eocene A-2 zon	Zeni & Klem.		
20664	Orange	Canada Gobernadora	1335		S Juan Capistrano	24-A			no paleo info			
20665	Orange	San Juan Capistrano	1339		EC part of quad	24-A			no paleo info			
20666	Santa Barbara	Big Pine Mountain	1335		S. Rafael Mtns	4-L			no paleo info	Owens & S		
20667	Santa Barbara	Big Pine Mountain	1336		S. Rafael Mtns	4-L			no paleo info	Owens & S		
20668	Santa Barbara	Little Pine Mountain	1337		S. Rafael Mtns	4-L			no paleo info	Owens & S		
20669	Santa Barbara	Little Pine Mountain	1338		S. Rafael Mtns	4-L			no paleo info	Owens & S		
20670	Santa Barbara	Little Pine Mountain	1339		S. Rafael Mtns	4-L			no paleo info	Owens & S		
20671	Santa Barbara	Little Pine Mountain	1340		S. Rafael Mtns	4-L			no paleo info	Owens & S		
20672	Santa Barbara	Little Pine Mountain?	1342		S. Rafael Mtns	4-L			no paleo info	Owens & S		
20673	Santa Barbara	Little Pine Mountain?	1343		S. Rafael Mtns	4-L			no paleo info	Owens & S		
20674	Orange	San Juan Capistrano	1340		EC part of quad	24-A			no paleo info			
20675	Orange	San Juan Capistrano	1341		NE part of quad	24-A			no paleo info			
20676	Orange	San Juan Capistrano	1344		S Juan Capistrano	24-A			no paleo info			
20677	Orange	San Juan Capistrano	1351		S Juan Capistrano	24-A			no paleo info			
20678	Orange	San Juan Capistrano	1355		S Juan Capistrano	24-A			no paleo info			
20679	San Mateo	Palo Alto	1357		Woodsie area	115-F	6/6S/3W	abun planktics	Eocene	Classen		
20680	Orange	San Juan Capistrano	1357		S Juan Capistrano	24-A			no paleo info			
20681	Orange	El Toro	1358		SE part of quad	24-A			no paleo info			
20682	Orange	El Toro	1359		EC part of quad	24-A			no paleo info			
20683	Orange	San Juan Capistrano	1360		WC part of quad	24-A			no paleo info			
20684	Orange	San Juan Capistrano	1362		NW part of quad	61-J			no paleo info			
20685	Orange	San Juan Capistrano	1363		NW part of quad	61-J			no paleo info			
20686	Orange	San Juan Capistrano	1363		NW part of quad	74-C			no paleo info			
20687	Orange	San Juan Capistrano	1364		NW part of quad	74-C			no paleo info			
20688	Kings	Pyramid Hills	1371		Sulphur Spr Cyn	88-D			no paleo info	Hastings		
20689	Kings	Garza Peak	1372	A	Flattop	88-D			no paleo info	Hastings		
20690	Kings	Garza Peak	1372	B	Flattop	88-D			no paleo info	Hastings		
20691	Kings	Kettleman Plain	1373	A	Reef Ridge	88-D			no paleo info	Hastings		
20692	Kings	Kettleman Plain	1373	B	Reef Ridge	88-D			no paleo info	Hastings		
20693	Kings	Garza Peak	1374	A	Ragged Top	88-D			no paleo info	Hastings		
20694	Kings	Garza Peak	1374	B	Ragged Top	88-D			no paleo info	Hastings		
20695	Fresno	Ciervo Mountain	1375		Monocline Ridge	91-B	New Idria 15'	not on map	Eocene?	Starke		
20696	Fresno	Ciervo Mountain	1376		Monocline Ridge	91-B	New Idria 15'		Eocene?	Starke		
20697	Fresno	Ciervo Mountain	1377		Monocline Ridge	91-B	New Idria 15'	glaucanite	barren	Starke		
20698	Fresno	Lillis Ranch	1378		NW corner of quad	91-B	Joaquin Rocks 15'		Refugian?	Starke		
20699	Fresno	Lillis Ranch	1379		NW corner of quad	91-B	Joaquin Rocks 15'		not diagnostic	Starke		
20700	Fresno	Lillis Ranch	1380		NW corner of quad	91-B	Joaquin Rocks 15'		not diagnostic	Starke		
20701	Fresno	Lillis Ranch	1381		NW corner of quad	91-B	Joaquin Rocks 15'		not diagnostic	Starke		
20702	San Luis Obispo	New Cuyama	1399		center of quad	40-G			no paleo info	Darke		
20703	Monterey	Tierra Redonda Mtn	1401		center of quad	82-D	Bradley 15'		Luisian	Clark & T		
20704	Monterey	Bradley	1402		WC part of quad	82-D	Bradley 15'		not diagnostic			
20705	San Luis Obispo	Atascadero	1440		E of Eagle Peak	82-D	S. Luis Obispo 15'		Upper Luisian	Higgins		
20706	San Luis Obispo	Atascadero	1441		E of Eagle Peak	82-D	S. Luis Obispo 15'		Upper Luisian	Higgins		
20707	San Luis Obispo	Templeton	1442		SW part of quad	82-D	Paso Robles 15'		Upper Luisian	Higgins		
20708	San Luis Obispo	Templeton	1443		not found	82-D	Paso Robles 15'		not diagnostic	Higgins		
20709	Contra Costa	Byron Hot Springs	1475	30	Near Byron Hot Sp	71-G	not on map	15/1S/1E	not diagnostic			
20710	Contra Costa	Byron Hot Springs	1475	40	Near Byron Hot Sp	71-G	Kellogg shale	corehole	not diagnostic			
20711	Contra Costa	Byron Hot Springs	1475	50	Near Byron Hot Sp	71-G	Kellogg shale	corehole	not diagnostic			
20712	Contra Costa	Byron Hot Springs	1475	60	Near Byron Hot Sp	71-G	Kellogg shale	corehole	not diagnostic			
20713	Contra Costa	Byron Hot Springs	1475	70	Near Byron Hot Sp	71-G	Kellogg shale	corehole	not diagnostic			
20714	Contra Costa	Byron Hot Springs	1475	80	Near Byron Hot Sp	71-G	Kellogg shale	corehole	not diagnostic			
20715	Contra Costa	Byron Hot Springs	1475	90	Near Byron Hot Sp	71-G	Kellogg shale	corehole	not diagnostic			
20716	Contra Costa	Byron Hot Springs	1475	100	Near Byron Hot Sp	71-G	Kellogg shale	corehole	not diagnostic			
20717	San Mateo	San Mateo	1480	1	no map provided	76-N	25/4S/5W (SLP)		Eocene			
20718	San Mateo	San Mateo	1480	2	no map provided	76-N	25/4S/5W (SLP)		Eocene			
20719	San Mateo	San Mateo	1480	3	no map provided	76-N	25/4S/5W (SLP)		Eocene			
20720	San Mateo	San Mateo	1480	4	no map provided	76-N	25/4S/5W (SLP)		Eocene			
20721	Contra Costa	Antioch South	1494		N of Antioch Airt	83-I	31/2N/2E	rare rads	Eocene	Newton		
20722	Contra Costa	Antioch South	1495		E of Antioch Airt	83-I	33/2N/2E		not diagnostic	Newton		
20723	Contra Costa	Antioch South	1496	A	E of Antioch Airt	83-I	33/2N/2E	rare rads	Eocene	Newton		
20724	Contra Costa	Antioch South	1496	C	E of Antioch Airt	83-I	33/2N/2E	rare rads	not diagnostic	Newton		
20725	Contra Costa	Antioch South	1496	D	E of Antioch Airt	83-I	33/2N/2E	rare rads	not diagnostic	Newton		
20726	Contra Costa	Antioch South	1496	K	E of Antioch Airt	83-I	33/2N/2E	rare rads	not diagnostic	Newton		
20727	Contra Costa	Antioch South	1497	2	E of Antioch Airt	83-I	4/1N/2E	seis Ln A-304	Eocene A-2	Newton		
20728	Contra Costa	Antioch South	1497	3	E of Antioch Airt	83-I	4/1N/2E	seis Ln A-304	Eocene A-2	Newton		
20729	Contra Costa	Antioch South	1497	4	E of Antioch Airt	83-I	4/1N/2E	seis Ln A-304	Eocene A-2	Newton		
20730	San Luis Obispo	Taylor Canyon	1501		EC part of quad	22-G	Caliente Mtn 15'	age from map	Mohanian?	McMichael		
20731	San Luis Obispo	Arroyo Grande NE	1502		WC part of quad	22-G	Arroyo Grande 15'		no paleo info			
20732	San Luis Obispo	Pismo Beach	1508		SE corner of quad	22-G	Arroyo Grande 15'		no paleo info			
20733	San Luis Obispo	Caliente Mountain	1511		Morales Canyon	22-G	Caliente Mtn 15'	ditto	no paleo info	McMichael		
20734	San Luis Obispo	Caliente Mountain	1513		Morales Canyon	22-G	Caliente Mtn 15'	ditto	no paleo info	McMichael		
20735	San Luis Obispo	Caliente Mountain	1514		Morales Canyon	22-G	Caliente Mtn 15'	ditto	no paleo info	McMichael		
20736	San Luis Obispo	Pismo Beach	1515		NC part of quad	69-A	Arroyo Grande 15'	#1515 says	no paleo info			
20737	San Luis Obispo	Pismo Beach	1516		Indian Knob	22-G	Arroyo Grande 15'		no paleo info			
20738	San Luis Obispo	Pismo Beach	1517		NC part of quad	22-G	Arroyo Grande 15'		no paleo info			
20739	San Luis Obispo	Pismo Beach	1518		center of quad	22-G	Arroyo Grande 15'		no paleo info			
20740	San Luis Obispo	Arroyo Grande NE	1519		Edna area	69-A	Arroyo Grande 15'		no paleo info	Newbill		
20741	San Luis Obispo	Arroyo Grande NE	1520		Edna area	69-A	Arroyo Grande 15'		no paleo info	Newbill		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
20742	San Luis Obispo	Caliante Mountain	1520		Morales Canyon	22-G	Caliante Mtn 15'		no paleo info			
20743	San Luis Obispo	Caliante Mountain	1522		Morales Canyon	22-G	Caliante Mtn 15'		no paleo info	McMichael		
20744	San Luis Obispo	Caliante Mountain	1523		Morales Canyon	22-G	Caliante Mtn 15'		no paleo info	McMichael		
20745	San Luis Obispo	Caliante Mountain	1524		Morales Canyon	22-G	Caliante Mtn 15'		no paleo info	McMichael		
20746	San Luis Obispo	Arroyo Grande NE	1525		Edna area	22-G	Arroyo Grande 15'		Luisian	McMichael		
20747	San Luis Obispo	La Panza Ranch	1526		San Juan Creek	68-I	La Panza 15'	Navajo Ridge	Middle Miocene	McMichael		
20748	San Luis Obispo	La Panza Ranch	1527		San Juan Creek	68-I	La Panza 15'	on slide	Middle Miocene	McMichael		
20749	San Luis Obispo	La Panza Ranch	1529		San Juan Creek	68-I	La Panza 15'		Middle Miocene	McMichael		
20750	San Luis Obispo	La Panza Ranch	1530		San Juan Creek	68-I	La Panza 15'		Middle Miocene	McMichael		
20751	San Luis Obispo	Camatta Ranch	1531		EC part of quad	68-I	Pozo 15'		Middle Miocene	Reed & McM		
20752	San Luis Obispo	Camatta Ranch	1532		EC part of quad	68-I	Pozo 15'		Middle Miocene	Reed & McM		
20753	San Luis Obispo	La Panza Ranch	1533		Navajo Creek	68-I	La Panza 15'		Middle Miocene	Reed & McM		
20754	San Luis Obispo	La Panza Ranch	1534		Navajo Creek	68-I	La Panza 15'		Middle Miocene	Reed & McM		
20755	San Luis Obispo	La Panza Ranch	1535		Navajo Creek	68-I	La Panza 15'		Middle Miocene	Reed & McM		
20756	San Luis Obispo	La Panza Ranch	1536		Navajo Creek	68-I	La Panza 15'		Middle Miocene	Reed & McM		
20757	San Luis Obispo	La Panza Ranch	1537		Navajo Creek	68-I	La Panza 15'		Middle Miocene	Reed & McM		
20758	San Luis Obispo	La Panza Ranch	1538		Navajo Creek	68-I	La Panza 15'		Middle Miocene	Reed & McM		
20759	San Luis Obispo	La Panza Ranch	1547		Navajo Creek	40-G	La Panza 15'		Middle Miocene	Reed & McM		
20760	San Luis Obispo	La Panza Ranch	1548		Navajo Creek	40-G	La Panza 15'		Middle Miocene	Reed & McM		
20761	Kern	Sawtooth Ridge	1554		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
20762	Kern	Sawtooth Ridge	1555		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
20763	Kern	Sawtooth Ridge	1556		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
20764	Kern	Sawtooth Ridge	1557		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
20765	Kern	Sawtooth Ridge	1558		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
20766	Kern	Sawtooth Ridge	1559		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
20767	Kern	Sawtooth Ridge	1560		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
20768	Kern	Sawtooth Ridge	1561		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
20769	Kern	Sawtooth Ridge	1562		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
20770	Kern	Sawtooth Ridge	1563		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
20771	Kern	Sawtooth Ridge	1564		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
20772	Kern	Sawtooth Ridge	1565		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
20773	Kern	Sawtooth Ridge	1566		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
20774	Kern	Sawtooth Ridge	1567		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
20775	Kern	Sawtooth Ridge	1569		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
20776	Kern	Sawtooth Ridge	1571		NE part of quad	124-F	Devils Den area	see loc 3798	no paleo info	Hovey		
20777	Santa Barbara	Madulce Peak	1573		NW part of quad	4-M	Gibraltar Dam 15'		no paleo info	Scouler &		
20778	Santa Barbara	Big Pine Mountain	1576		center of quad	4-M	Gibraltar Dam 15'		no paleo info	Scouler &		
20779	Santa Barbara	Big Pine Mountain	1577		center of quad	4-M	Gibraltar Dam 15'		no paleo info	Scouler &		
20780	Santa Barbara	Big Pine Mountain	1579		center of quad	4-M	Gibraltar Dam 15'		no paleo info	Scouler &		
20781	San Luis Obispo	Huasna Peak	1579		NE part of quad	69-A	Nipomo 15'		Upper Miocene			
20782	San Luis Obispo	Huasna Peak	1580		SE part of quad	69-A	Nipomo 15'		Lower Mohnian			
20783	Santa Barbara	Big Pine Mountain	1580		center of quad	4-M	Gibraltar Dam 15'		no paleo info	Scouler &		
20784	Santa Barbara	Little Pine Mountain	1581		NW part of quad	4-M	Gibraltar Dam 15'		no paleo info	Scouler &		
20785	San Luis Obispo	Huasna Peak	1581		SE part of quad	69-A	Nipomo 15'		barren			
20786	Santa Barbara	Rancho Nuevo Creek	1582		center of quad	4-M			no paleo info	Scouler &		
20787	Santa Barbara	Rancho Nuevo Creek	1583		center of quad	4-M			no paleo info	Scouler &		
20788	San Luis Obispo	Huasna Peak	1583		SE part of quad	69-A	Nipomo 15'		Luisian			
20789	San Luis Obispo	Caldwell Mesa	1584		Arroyo Seco	69-A	Nipomo 15'		Luisian			
20790	Santa Barbara	Rancho Nuevo Creek	1584		center of quad	4-M			no paleo info	Scouler &		
20791	San Luis Obispo	Caldwell Mesa	1585		Arroyo Seco	69-A	Nipomo 15'		Luisian			
20792	San Luis Obispo	Caldwell Mesa	1586		Arroyo Seco	69-A	Nipomo 15'		Lower Luisian			
20793	Santa Barbara	Rancho Nuevo Creek	1586		center of quad	4-M			no paleo info	Scouler &		
20794	Santa Barbara	Rancho Nuevo Creek	1587		center of quad	4-M			no paleo info	Scouler &		
20795	San Luis Obispo	Caldwell Mesa	1587		Arroyo Seco	69-A	Nipomo 15'		Relizian			
20796	San Luis Obispo	Caldwell Mesa	1588		Arroyo Seco	69-A	Nipomo 15'		Upper Relizian			
20797	Santa Barbara	Rancho Nuevo Creek	1588		center of quad	4-M			no paleo info	Scouler &		
20798	San Luis Obispo	Caldwell Mesa	1589		Arroyo Seco	69-A	Nipomo 15'		Luisian/Relizian			
20799	San Luis Obispo	Caldwell Mesa	1590		Arroyo Seco	69-A	Nipomo 15'		M/L Miocene			
20800	San Luis Obispo	Huasna Peak	1592		Railpen Canyon	69-A	Nipomo 15'		Mohnian			
20801	Ventura	Topatopa Mountains	1592		Sespe Creek	12-L	Hot Sprs Canyon		no paleo info	Owens et al		
20802	San Luis Obispo	Huasna Peak	1593		Railpen Canyon	69-A	Nipomo 15'		Upper Miocene			
20803	San Luis Obispo	Caldwell Mesa	1594		Arroyo Seco	69-A	Nipomo 15'		Lower Mohnian			
20804	Ventura	Topatopa Mountains	1594		Sespe Creek	12-L	Hot Sprs Canyon		no paleo info	Owens et al		
20805	San Luis Obispo	Huasna Peak	1595		SE part of quad	69-A	Nipomo 15'		Lower Mohnian			
20806	Ventura	Topatopa Mountains	1596		Sespe Creek	12-L	Hot Sprs Canyon		no paleo info	Owens et al		
20807	Ventura	Topatopa Mountains	1597		Sespe Creek	12-L	Hot Sprs Canyon		no paleo info	Owens et al		
20808	Ventura	Topatopa Mountains	1599		Sespe Creek	12-L	Hot Sprs Canyon		no paleo info	Owens et al		
20809	San Luis Obispo	Huasna Peak	1600		NW part of quad	69-A	Nipomo 15'		barren	Newbill		
20810	Santa Barbara	Salisbury Potrero	1602		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	Relizian	Klemme		
20811	San Luis Obispo	Huasna Peak	1602		NW part of quad	69-A	Nipomo 15'		barren	Newbill		
20812	Santa Barbara	Salisbury Potrero	1603		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	M Miocene	Klemme		
20813	Santa Barbara	Salisbury Potrero	1604		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	U Relizian	Klemme		
20814	Santa Barbara	Salisbury Potrero	1605		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	not diagnostic	Klemme		
20815	Santa Barbara	Salisbury Potrero	1606		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	not diagnostic	Klemme		
20816	San Luis Obispo	Huasna Peak	1606		NW part of quad	69-A	Nipomo 15'		Upper Miocene	Newbill		
20817	San Luis Obispo	Huasna Peak	1607		NW part of quad	69-A	Nipomo 15'		Upper Miocene	Newbill		
20818	Santa Barbara	Salisbury Potrero	1607		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	U Miocene?	Klemme		
20819	Santa Barbara	Salisbury Potrero	1608		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	not diagnostic	Klemme		
20820	San Luis Obispo	Huasna Peak	1608		NW part of quad	69-A	Nipomo 15'		Upper Miocene	Newbill		
20821	Santa Barbara	Peak Mountain	1609		NW part of quad	40-L	McPherson Pk 15'	age from map	Upper Miocene	Klemme		
20822	San Luis Obispo	Tar Springs Ridge	1610		NW part of quad	69-A	Nipomo 15'		no paleo info	Newbill		
20823	San Luis Obispo	Santa Margarita Lake	1619		SW part of quad	69-A	Pozo 15'		Luisian	Newbill		
20824	Santa Barbara	Salisbury Potrero	1619		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	Luisian?	Klemme		
20825	San Luis Obispo	Huasna Peak	1620		Cuyama Valley	69-A	Nipomo 15'		barren	Newbill		
20826	San Luis Obispo	Huasna Peak	1621		SE part of quad	69-A	Nipomo 15'		Upper Mohnian	Newbill		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
20827	San Luis Obispo	Huasna Peak	1622		SE part of quad	69-A	Nipomo 15'		Lower Mohnian	Newbill		
20828	San Luis Obispo	Huasna Peak	1623		SE part of quad	69-A	Nipomo 15'		Lower Mohnian	Newbill		
20829	San Luis Obispo	Huasna Peak	1624		SE part of quad	69-A	Nipomo 15'		Lower Mohnian	Newbill		
20830	San Luis Obispo	Tar Springs Ridge	1625		NW part of quad	69-A	Nipomo 15'		Luisian?	Newbill		
20831	Santa Barbara	Salisbury Potrero	1625		NW part of quad	40-L	Salisbury Cyn 15'	age from map	Luisian?	Klemme		
20832	San Luis Obispo	Tar Springs Ridge	1626		NW part of quad	69-A	Nipomo 15'		Miocene	Newbill		
20833	San Luis Obispo	Tar Springs Ridge	1627		Near Big Baldy	69-A	Nipomo 15'		not diagnostic	Newbill		
20834	San Luis Obispo	Tar Springs Ridge	1628		Near Big Baldy	69-B	Nipomo 15'		Middle Miocene	Newbill		
20835	San Luis Obispo	Tar Springs Ridge	1629		Near Big Baldy	69-B	Nipomo 15'		Middle Miocene	Newbill		
20836	San Luis Obispo	Tar Springs Ridge	1630		Near Big Baldy	69-B	Nipomo 15'		Middle Miocene	Newbill		
20837	San Luis Obispo	Tar Springs Ridge	1631		Near Big Baldy	69-B	Nipomo 15'		Luisian	Newbill		
20838	San Luis Obispo	Caldwell Mesa	1632		Porter Rnch area	69-B	Nipomo 15'		not diagnostic	Newbill		
20839	San Luis Obispo	Caldwell Mesa	1635		Porter Rnch area	69-B	Nipomo 15'		not diagnostic	Newbill		
20840	Santa Barbara	Caldwell Mesa	1637		Porter Rnch area	69-B	Nipomo 15'		U Miocene?	Newbill		
20841	Santa Barbara	New Cuyama?	1638		not found	40-L	Hard to tell which	set belongs in	no paleo info	Klemme		
20842	Santa Barbara	New Cuyama?	1639		not found	40-L	Nipomo and which	in Salisbury	no paleo info	Klemme		
20843	Santa Barbara	Huasna Peak	1639		Huasna River	69-B	quad. Few clues o	slides or in	not diagnostic	Newbill		
20844	San Luis Obispo	New Cuyama?	1640		not found	40-L	paleo reports.	age from map	no paleo info	Klemme		
20845	Santa Barbara	Huasna Peak	1642		Huasna River	69-B	Nipomo 15'		Lower Mohnian	Newbill		
20846	Santa Barbara	Huasna Peak	1643		Alamo Creek	69-B	Nipomo 15'		Prob Mohnian	Newbill		
20847	Santa Barbara	New Cuyama?	1643		not found	40-L			no paleo info	Klemme		
20848	Santa Barbara	Tar Springs Ridge	1644		SC part of quad	69-B	Nipomo 15'		Lower Relizian	Newbill		
20849	Santa Barbara	Tar Springs Ridge	1645		SC part of quad	69-B	Nipomo 15'		barren	Newbill		
20850	Santa Barbara	Nipomo	1650		NE part of quad	69-B	Nipomo 15'		barren	Newbill		
20851	Santa Barbara	Santa Maria	1656		NE part of quad	69-B	Santa Maria 15'		barren	Newbill		
20852	Santa Barbara	Salisbury Potrero	1660		NW part of quad	40-L	Salisbury Cyn 15'	age from map	no paleo info	Klemme		
20853	San Luis Obispo	Salisbury Potrero	1661		NW part of quad	40-L	Salisbury Cyn 15'	age from map	M or L Miocene	Klemme		
20854	San Luis Obispo	Salisbury Potrero	1662		NC part of quad	40-L	Salisbury Cyn 15'		no paleo info	Klemme		
20855	San Luis Obispo	Salisbury Potrero	1666		NC part of quad	40-L	Salisbury Cyn 15'	age from map	Mio/Pliocene	Klemme		
20856	San Luis Obispo	Huasna Peak	1670		SE part of quad	69-B	Nipomo 15'		Mohnian	Newbill		
20857	Santa Barbara	Peak Mountain	1671		NE part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
20858	San Luis Obispo	Huasna Peak	1673		SE part of quad	69-B	Nipomo 15'		Relizian/Saucesian	Newbill		
20859	Santa Barbara	Peak Mountain	1675		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
20860	Santa Barbara	Peak Mountain	1676		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
20861	Santa Barbara	Peak Mountain	1677		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
20862	Santa Barbara	Peak Mountain	1678		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
20863	Santa Barbara	Peak Mountain	1679		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
20864	Santa Barbara	Peak Mountain	1680		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
20865	Santa Barbara	Peak Mountain	1681		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
20866	San Luis Obispo	Tar Springs Ridge	1681		SC part of quad	69-B	Nipomo 15'		Prob U Mohnian	Newbill		
20867	Santa Barbara	Peak Mountain	1682		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
20868	Santa Barbara	Peak Mountain	1683		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
20869	Santa Barbara	Peak Mountain	1684		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
20870	Santa Barbara	Peak Mountain	1685		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
20871	Santa Barbara	Peak Mountain	1686		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
20872	Santa Barbara	Peak Mountain	1687		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
20873	San Luis Obispo	Tar Springs Ridge	1687		WC part of quad	69-B	Nipomo 15'		Relizian/Saucesian	Newbill		
20874	Santa Barbara	Peak Mountain	1688		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
20875	Santa Barbara	Peak Mountain	1688	A	NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
20876	San Luis Obispo	Tar Springs Ridge	1688		WC part of quad	69-B	Nipomo 15'		Mohnian	Newbill		
20877	San Luis Obispo	Tar Springs Ridge	1689		WC part of quad	69-B	Nipomo 15'		not diagnostic	Newbill		
20878	Santa Barbara	Peak Mountain	1689		SE part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
20879	Santa Barbara	Peak Mountain	1690		SE part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
20880	San Luis Obispo	Tar Springs Ridge	1690		WC part of quad	69-B	Nipomo 15'		no paleo info	Newbill		
20881	Santa Barbara	Peak Mountain	1691		SE part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
20882	Santa Barbara	Peak Mountain?	1692		not found	40-L	McPherson Pk 15'		no paleo info	Klemme		
20883	San Luis Obispo	Tar Springs Ridge	1695		WC part of quad	69-B	Nipomo 15'		no paleo info	Newbill		
20884	Santa Barbara	Salisbury Potrero	1697		NE part of quad	40-L	Salisbury Cyn 15'	age from map	U Miocene?	Klemme		
20885	Santa Barbara	Fox Mountain	1698		NW part of quad	40-L	Salisbury Cyn 15'	age from map	U Miocene?	Klemme		
20886	San Luis Obispo	Huasna Peak	1698		Huasna River	69-B	Nipomo 15'		Mohnian	Newbill		
20887	Santa Barbara	Fox Mountain	1699		NW corner of quad	40-L	Salisbury Cyn 15'	age from map	Saucesian	Klemme		
20888	Santa Barbara	Fox Mountain	1701		not found	40-L	Salisbury Cyn 15'		no paleo info	Klemme		
20889	Santa Barbara	Fox Mountain	1704		not found	40-M	Salisbury Cyn 15'	see # 80-13	no paleo info	Klemme		
20890	Santa Barbara	Salisbury Potrero	1705		SE part of quad	40-L	Salisbury Cyn 15'	age from map	Relizian	Klemme		
20891	Santa Barbara	Huasna Peak	1706		SE part of quad	69-B	Nipomo 15'		Lower Luisian?	Newbill		
20892	Santa Barbara	Fox Mountain	1706		SW part of quad	40-L	Salisbury Cyn 15'	age from map	Relizian?	Klemme		
20893	San Luis Obispo	Huasna Peak	1707		SE part of quad	69-B	Nipomo 15'		Relizian	Newbill		
20894	Santa Barbara	Fox Mountain	1708		SW part of quad	40-L	Salisbury Cyn 15'	age from map	Eocene?	Klemme		
20895	San Luis Obispo	Huasna Peak	1709		SE part of quad	69-B	Nipomo 15'		Miocene	Newbill		
20896	Santa Barbara	Cuyama Peak	1710		SC part of quad	40-L			no paleo info	Klemme		
20897	Santa Barbara	Salisbury Potrero?	1712		not found	40-L	Salisbury Cyn 15'		no paleo info	Newbill		
20898	San Luis Obispo	Huasna Peak	1712		SE part of quad	69-B	Nipomo 15'		Miocene	Newbill		
20899	San Luis Obispo	Huasna Peak	1714		Huasna River	69-B	Nipomo 15'		Lower Mohnian	Newbill		
20900	Santa Barbara	Hurricane Deck	1715		NE part of quad	40-L	McPherson Pk 15'	age from map	Relizian	Klemme		
20901	Santa Barbara	Salisbury Potrero	1716		EC part of quad	40-L	Salisbury Cyn 15'	age from map	Relizian?	Klemme		
20902	Santa Barbara	Hurricane Deck	1717		NE part of quad	40-L	McPherson Pk 15'	age from map	Saucesian/Relizian	Klemme		
20903	Santa Barbara	Hurricane Deck	1718		NE part of quad	40-L	McPherson Pk 15'	age from map	Lower Miocene?	Klemme		
20904	San Luis Obispo	Huasna Peak	1718		Alamo Creek	69-B	Nipomo 15'		barren	Newbill		
20905	Santa Barbara	Hurricane Deck	1719		NE part of quad	40-L	McPherson Pk 15'	age from map	Lower Miocene?	Klemme		
20906	Santa Barbara	Hurricane Deck	1721		NE part of quad	40-L	McPherson Pk 15'	age from map	barren	Klemme		
20907	Santa Barbara	Salisbury Potrero	1724		NW part of quad	40-L	Salisbury Cyn 15'	age from map	Probably Saucesian	Klemme		
20908	Santa Barbara	Peak Mountain	1725		SE part of quad	40-M	McPherson Pk 15'		no paleo info	Klemme		
20909	Santa Barbara	Casmalia	1725		Lions Head area	69-B			no paleo info	Newbill		
20910	Santa Barbara	Casmalia	1726		Lions Head area	69-B			no paleo info	Newbill		
20911	Santa Barbara	Peak Mountain	1726		SE part of quad	40-M	McPherson Pk 15'		no paleo info	Klemme		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ONE/SERIES/AG	COLLECTORS		
20912	Santa Barbara	Peak Mountain	1727		SE part of quad	40-M	McPherson Pk 15'		no paleo info	Klemme		
20913	Santa Barbara	Casmalia	1727		Lions Head area	69-B			no paleo info	Newbill		
20914	Santa Barbara	Casmalia	1728		Lions Head area	69-B			no paleo info	Newbill		
20915	Santa Barbara	Salisbury Potrero	1728		NW part of quad	40-M	Salisbury Cyn 15'	age from map	Zemorrian	Klemme		
20916	Santa Barbara	Casmalia	1729		Lions Head area	69-B			no paleo info	Newbill		
20917	Santa Barbara	Casmalia	1730		Lions Head area	69-B			no paleo info	Newbill		
20918	Santa Barbara	Casmalia	1732		Lions Head area	69-B			no paleo info	Newbill		
20919	Santa Barbara	Casmalia	1733		Lions Head area	69-B			no paleo info	Newbill		
20920	Santa Barbara	Hurricane Deck	1733		NE part of quad	40-M	McPherson Pk 15'		not diagnostic	Klemme		
20921	Santa Barbara	Hurricane Deck	1734		NE part of quad	40-M	McPherson Pk 15'		Saucesian/Zem	Klemme		
20922	Santa Barbara	Guadalupe	1735		SW part of quad	69-B	Point Sal 15'		no paleo info	Newbill		
20923	Santa Barbara	Guadalupe	1736		SW part of quad	69-B	Point Sal 15'		no paleo info	Newbill		
20924	Santa Barbara	New Cuyama	1736		SW part of quad	40-M	Salisbury Cyn 15'		no paleo info	Klemme		
20925	Santa Barbara	Salisbury Potrero	1738		NE part of quad	40-M	Salisbury Cyn 15'	age from map	Relizian?	Klemme		
20926	Santa Barbara	Point Sal	1738		2 mi NE of Pt Sal	69-B	Point Sal 15'		barren	Newbill		
20927	Santa Barbara	Point Sal	1741		2 mi NE of Pt Sal	69-B	Point Sal 15'		not diagnostic	Newbill		
20928	Santa Barbara	Point Sal	1742		2 mi NE of Pt Sal	69-B	Point Sal 15'		not diagnostic	Newbill		
20929	Santa Barbara	Santa Rosa Hills	1746		Santos Road	69-B			barren	Newbill		
20930	Santa Barbara	Santa Rosa Hills	1747		Santa Ynez River	69-B			not diagnostic	Newbill		
20931	Santa Barbara	Santa Rosa Hills	1748		Santa Ynez River	69-B			not diagnostic	Newbill		
20932	Santa Barbara	Tepsequet Canyon	1749		NC part of quad	69-B	Tepsequet Pk 15'		not diagnostic	Newbill		
20933	San Luis Obispo	Lopez Mountain	1750	A	Oil Well Canyon	69-B	S Luis Obispo 15'		Zemorrian/Sauc	Newbill		
20934	San Luis Obispo	Lopez Mountain	1750	B	Oil Well Canyon	69-B	S Luis Obispo 15'		Relizian	Newbill		
20935	San Luis Obispo	Arroyo Grande NE	1751		Slide Hill	69-B	Arroyo Grande 15'		Relizian	Newbill		
20936	San Luis Obispo	Arroyo Grande NE	1752		Slide Hill	69-B	Arroyo Grande 15'		not diagnostic	Newbill		
20937	San Luis Obispo	Chimineas Ranch?	1752		not found	70-L			not diagnostic	Kriz		
20938	Santa Barbara	Fox Mountain	1753	A	S Barbara Canyon	69-C	Salisbury Cyn 15'	Lompoc on slide	U Cret/Paleoc			
20939	Santa Barbara	Fox Mountain	1754		S Barbara Canyon	69-C	Salisbury Cyn 15'		Lower Zemorrian	Newbill		
20940	Santa Barbara	Fox Mountain	1755		S Barbara Canyon	69-B	Salisbury Cyn 15'		Lower Miocene	Newbill		
20941	San Luis Obispo	Huasna Peak	1756		Cuyama River	H-1	Nipomo 15'		Middle Miocene			
20942	San Luis Obispo	Huasna Peak	1757		Cuyama River	H-1	Nipomo 15'		Middle Miocene			
20943	San Luis Obispo	Huasna Peak	1758		Cuyama River	H-1	Nipomo 15'		Middle Miocene			
20944	San Luis Obispo	Chimineas Ranch	1759		Goodwin Ranch	70-L	Caliente Mtn 15'	age from map	not diagnostic	Kriz		
20945	San Luis Obispo	Huasna Peak	1760		Suey Creek	69-C	Nipomo 15'		not diagnostic	Newbill		
20946	San Luis Obispo	Huasna Peak	1761		Suey Creek	69-C	Nipomo 15'		not diagnostic	Newbill		
20947	San Luis Obispo	Chimineas Ranch	1762		SE part of quad	70-L	Caliente Mtn 15'	age from map	Luisian	Kriz		
20948	San Luis Obispo	Chimineas Ranch	1763		center of quad	70-L	Caliente Mtn 15'	age from map	Luisian	Kriz		
20949	San Luis Obispo	Chimineas Ranch	1764		SE part of quad	70-L	Caliente Mtn 15'	age from map	not diagnostic	Kriz		
20950	San Luis Obispo	Chimineas Ranch	1765		W of Wellman Rch	70-L	Caliente Mtn 15'	age from map	not diagnostic	Kriz		
20951	San Luis Obispo	Huasna Peak	1767		Boar Peak	69-C	Nipomo 15'	age from mold	Upper Mohnian	Newbill		
20952	San Luis Obispo	California Valley	1768		SE of Freeborn Mt	70-L	La Panza 15'	age from mold	no paleo info	Kriz		
20953	San Luis Obispo	Nipomo	1768		EC part of quad	69-C	Nipomo 15'		Upper Miocene?	Newbill		
20954	San Luis Obispo	Fellows	1771		Midway Peak	73-J			no paleo info	Kriz		
20955	San Luis Obispo	Fellows	1772		Midway Peak	73-J			no paleo info	Kriz		
20956	Not found	not found	1773		Carrizo Plain	73-J		fair fauna	no paleo info	Kriz		
20957	Kern	Panorama Hills	1774		Temblor	73-K		flood Siphog.	no paleo info	Parker		
20958	Not found	not found	1775		Carrizo Plain	73-J		good fauna	no paleo info	Kriz		
20959	Not found	not found	1776		Carrizo Plain	73-J		fair fauna	no paleo info	Kriz		
20960	San Luis Obispo	Huasna Peak	1776		Huasna River	69-C	Nipomo 15'		Upper Miocene	Newbill		
20961	Kern	Santiago Creek	1780		S. Emidio Cyn	37-N	also has #2045	flood Siphog.	no paleo info	Gealey		
20962	Kern	McKittrick Summit	1781		center of quad	73-J			no paleo info	Kriz		
20963	Kern	McKittrick Summit	1782		center of quad	73-J			no paleo info	Kriz		
20964	Kern	McKittrick Summit	1783		not found	73-J			no paleo info	Kriz		
20965	Kern	McKittrick Summit	1784		center of quad	73-J			no paleo info	Kriz		
20966	Kern	McKittrick Summit	1785		center of quad	73-J			no paleo info	Kriz		
20967	San Luis Obispo	McKittrick Summit	1786		center of quad	73-J			no paleo info	Kriz		
20968	San Luis Obispo	McKittrick Summit	1787		center of quad	73-J			no paleo info	Kriz		
20969	San Luis Obispo	McKittrick Summit	1789		center of quad	73-J			no paleo info	Kriz		
20970	San Luis Obispo	McKittrick Summit	1790		center of quad	73-J			no paleo info	Kriz		
20971	Kern	McKittrick Summit	1791		center of quad	73-J			no paleo info	Kriz		
20972	Kern	McKittrick Summit	1792		center of quad	73-J			no paleo info	Kriz		
20973	San Luis Obispo	Twitchell Dam	1792		NW part of quad	69-C			no paleo info	Newbill		
20974	San Luis Obispo	Twitchell Dam	1793		NW part of quad	69-C			Miocene	Newbill		
20975	San Luis Obispo	Twitchell Dam	1794		NW part of quad	69-C			Saucesian/Relizian	Newbill		
20976	San Luis Obispo	Nipomo	1795		Loma Pelona	69-C			Lower Mohnian	Newbill		
20977	San Luis Obispo	Caldwell Mesa	1796		Huasna river	69-C	No forams but	Pliocene clams	not diagnostic	Newbill		
20978	San Luis Obispo	Nipomo	1797		Loma Pelona	69-C			not diagnostic	Newbill		
20979	San Luis Obispo	Nipomo	1798		EC part of quad	69-C			not diagnostic	Newbill		
20980	San Luis Obispo	Nipomo	1799		Loma Pelona	69-C			Relizian	Newbill		
20981	San Luis Obispo	Nipomo	1800		Loma Pelona	69-C			Relizian	Newbill		
20982	San Luis Obispo	Fellows	1800		SW part of quad	73-J			no paleo info	Carlisle		
20983	San Luis Obispo	Elkhorn Hills	1801		NW part of quad	73-J			no paleo info	Carlisle		
20984	San Luis Obispo	Elkhorn Hills	1802		NW part of quad	73-J			no paleo info	Carlisle		
20985	San Luis Obispo	Nipomo?	1804		not found	69-C	Nipomo 15'		Lower Luisian	ETR		
20986	San Luis Obispo	Nipomo	1805		SW part of quad	69-C	Nipomo 15'		not diagnostic	ETR		
20987	San Luis Obispo	Nipomo?	1806		not found	69-C	Nipomo 15'		Zem/Saucesian	ETR		
20988	Santa Barbara	Tepsequet Canyon	1807		NC part of quad	69-C	Tepsequet Peak 15'		Upper Saucesian	ETR		
20989	Santa Barbara	Manzanita Mountain	1808		Labrea Creek	69-C	Tepsequet Peak 15'		not diagnostic	ETR		
20990	Santa Barbara	Manzanita Mountain	1809		Labrea Creek	69-C	Tepsequet Peak 15'		not diagnostic	ETR		
20991	Santa Barbara	Manzanita Mountain	1810		Labrea Creek	69-C	Tepsequet Peak 15'		not diagnostic	ETR		
20992	San Luis Obispo	Elkhorn Hills	1811		NC part of quad	73-J		age from map	L Mohnian	Carlisle		
20993	San Luis Obispo	Elkhorn Hills	1812		NC part of quad	73-J		age from map	L Mohnian	Carlisle		
20994	Santa Barbara	Tranquillon Mountain	1813		NE part of quad	69-C	Lompoc 15'		Eocene	Kraetsch		
20995	Santa Barbara	Tranquillon Mountain	1813	RS	NE part of quad	69-C	Lompoc 15'		Eocene			
20996	San Luis Obispo	Elkhorn Hills	1814		not found	73-J			no paleo info	Carlisle		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
20997	Santa Barbara	Lompoc Hills	1815		Jalama Road	69-C	Lompoc 15'		Eocene	Kraetsch		
20998	Santa Barbara	Lompoc Hills	1816		Salsipuedes Ck	69-C	Lompoc 15'		Eocene	Kraetsch		
20999	Santa Barbara	Lompoc Hills	1817		Salsipuedes Ck	69-D	Lompoc 15'		not diagnostic	Kraetsch		
21000	Santa Barbara	Lompoc Hills	1819		Salsipuedes Ck	69-D	Lompoc 15'		Eocene	Kraetsch		
21001	Santa Barbara	Lompoc Hills	1820		El Jaro Creek	69-D	Lompoc 15'		Relizian	Kraetsch		
21002	San Luis Obispo	Panorama Hills	1820		SE part of quad	73-J	Temblor Range	age from map	Lower Mohnian	Carlisle		
21003	San Luis Obispo	Elkhorn Hills	1821		not found	73-J	Temblor Range		no paleo info	Carlisle		
21004	San Luis Obispo	Elkhorn Hills	1822		NC part of quad	73-J	Temblor Range		no paleo info	Carlisle		
21005	San Luis Obispo	Elkhorn Hills	1823		NC part of quad	73-J	Temblor Range		no paleo info	Carlisle		
21006	Santa Barbara	Santa Ynez	1827		NW of Refugio Pas	69-D	Los Olivos 15'		no paleo info	Zeni-Hoh		
21007	Santa Barbara	Lompoc Hills	1828		NW part of quad	69-D			not diagnostic	Hoheisel		
21008	Santa Barbara	Lompoc Hills	1829		La Hoya Creek	69-D			not diagnostic	Hoheisel		
21009	San Luis Obispo	Elkhorn Hills	1831		NC part of quad	73-J	Temblor Range		no paleo info	Carlisle		
21010	San Luis Obispo	Elkhorn Hills	1832		NC part of quad	73-J	Temblor Range		no paleo info	Carlisle		
21011	Santa Barbara	Lompoc Hills	1832		La Hoya Creek	69-D			Upper Miocene	Zeni-Hoh		
21012	San Luis Obispo	Elkhorn Hills	1835		NC part of quad	73-J	Temblor Range		no paleo info	Carlisle		
21013	San Luis Obispo	Elkhorn Hills	1838		NC part of quad	73-J	Temblor Range		no paleo info	Carlisle		
21014	Santa Barbara	Tranquillon Mountain	1838		NE part of quad	69-D			prob Luisian	Zeni-Hoh		
21015	Santa Barbara	Tranquillon Mountain	1839		NE part of quad	69-D			no paleo info	Zeni-Hoh		
21016	San Luis Obispo	Elkhorn Hills	1839		NC part of quad	73-J			no paleo info	Carlisle		
21017	Santa Barbara	Surf	1840		SW part of quad	69-D	Point Arguello 15'		no paleo info	Zeni-Hoh		
21018	Santa Barbara	Surf	1841	A	SW part of quad	69-D	Point Arguello 15'		no paleo info	Zeni-Hoh		
21019	Santa Barbara	Surf	1841	B	SW part of quad	69-D	Point Arguello 15'		no paleo info	Zeni-Hoh		
21020	Santa Barbara	Tranquillon Mountain	1842		NE part of quad	69-D	La Salle area		no paleo info	Zeni-Hoh		
21021	Santa Barbara	Tranquillon Mountain	1843		NE part of quad	69-D	La Salle area		Middle Miocene	Zeni-Hoh		
21022	San Luis Obispo	Panorama Hills	1845		SE part of quad	73-J			no paleo info	Carlisle		
21023	San Luis Obispo	Fellows	1847		W of Midway Peak	73-J			no paleo info	Carlisle		
21024	San Luis Obispo	Fellows	1848		SW part of quad	73-J			no paleo info	Carlisle		
21025	San Luis Obispo	Fellows	1849		SW part of quad	73-J			no paleo info	Carlisle		
21026	San Luis Obispo	Fellows	1850		SW part of quad	73-J			no paleo info	Carlisle		
21027	San Luis Obispo	Fellows	1852		SW part of quad	73-J			no paleo info	Carlisle		
21028	Santa Barbara	Tranquillon Mountain	1852		NE part of quad	69-D	says Salinas on		Relizian	Hoheisel		
21029	Santa Barbara	Lompoc Hills	1853	A	NW part of quad	69-D	slides but rock	Anita sh?	not diagnostic	Hoheisel		
21030	Santa Barbara	Lompoc Hills	1853	B	NW part of quad	69-D	names are S CA	Anita sh?	not diagnostic	Hoheisel		
21031	Santa Barbara	Lompoc Hills	1854		NW part of quad	69-D			M Eocene A-2 zone	Hoheisel		
21032	Santa Barbara	Lompoc Hills	1855		NW part of quad	69-D			Saucesian	Hoheisel		
21033	Santa Barbara	Lompoc Hills	1856		NW part of quad	69-D			not diagnostic	Hoheisel		
21034	Not found	Fellows	1856		SW part of quad	73-J			no paleo info	Carlisle		
21035	Santa Barbara	Lompoc Hills	1857		NW part of quad	69-D			not diagnostic	Hoheisel		
21036	Santa Barbara	Lompoc Hills	1858		NW part of quad	69-D			poss Refugian	Hoheisel		
21037	Santa Barbara	Santa Rosa Hills	1859		NC part of quad	69-D			Relizian	Hoheisel		
21038	Santa Barbara	Lompoc Hills	1860		center of quad	69-D			Saucesian?	Hoheisel		
21039	San Luis Obispo	Fellows	1862		SW part of quad	73-J			no paleo info	Carlisle		
21040	San Luis Obispo	Fellows	1863		SW part of quad	73-J			no paleo info	Carlisle		
21041	San Luis Obispo	Fellows	1864		SW part of quad	73-J			no paleo info	Carlisle		
21042	San Luis Obispo	Fellows	1865		SW part of quad	73-J			no paleo info	Carlisle		
21043	San Luis Obispo	Fellows	1873		SW part of quad	73-J		age from map	no paleo info	Carlisle		
21044	San Luis Obispo	Fellows	1877		Midway Peak area	73-J			no paleo info	Carlisle		
21045	San Luis Obispo	Caldwell Mesa	1877		Huasna River	69-D	Nipomo 15'	age from clam	Pliocene	Newbill		
21046	San Luis Obispo	Fellows	1878		Midway Peak area	73-J			no paleo info	Carlisle		
21047	San Luis Obispo	Fellows	1879		Midway Peak area	73-J			no paleo info	Carlisle		
21048	San Luis Obispo	Fellows	1880		Midway Peak area	73-J			no paleo info	Carlisle		
21049	San Luis Obispo	Tar Springs Ridge	1881		SC part of quad	69-D	Nipomo 15'		Upper Mohnian	Newbill		
21050	San Luis Obispo	Tar Springs Ridge	1883		SC part of quad	69-D	Nipomo 15'	has #1991 also	Upper Mohnian	Newbill		
21051	San Luis Obispo	Panorama Hills	1884		EC part of quad	73-J			no paleo info	Carlisle		
21052	San Luis Obispo	Panorama Hills	1885		EC part of quad	73-J			no paleo info	Carlisle		
21053	San Luis Obispo	Panorama Hills	1886		EC part of quad	73-J			no paleo info	Carlisle		
21054	San Luis Obispo	Panorama Hills	1887		EC part of quad	73-J			no paleo info	Carlisle		
21055	San Luis Obispo	Fellows	1893		SW part of quad	73-J		age from map	Lower Mohnian	Carlisle		
21056	San Luis Obispo	Fellows	1894		SW part of quad	73-J		age from map	Lower Mohnian	Carlisle		
21057	San Luis Obispo	Caldwell Mesa	1894		Salt Creek	69-D	Nipomo 15'		Luisian	Newbill		
21058	San Luis Obispo	Fellows	1895		SW part of quad	73-J		age from map	Lower Mohnian	Carlisle		
21059	San Luis Obispo	Caldwell Mesa	1897		Porter Ranch area	69-D	Nipomo 15'		not diagnostic	Newbill		
21060	San Luis Obispo	Caldwell Mesa	1898		Porter Ranch area	69-D	Nipomo 15'		not diagnostic	Newbill		
21061	San Luis Obispo	Tar Springs Ridge	1901		Porter Ranch area	69-D	Nipomo 15'		Upper Miocene	Newbill		
21062	San Luis Obispo	Fellows	1902		SW part of quad	73-K			no paleo info	Carlisle		
21063	San Luis Obispo	Caldwell Mesa	1902		Porter Ranch area	69-D	Nipomo 15'		barren	Carlisle		
21064	San Luis Obispo	Caldwell Mesa	1903		Porter Ranch area	69-D	Nipomo 15'		Middle Miocene	Newbill		
21065	San Luis Obispo	Caldwell Mesa	1904		Porter Ranch area	69-E	Nipomo 15'		no paleo info	Newbill		
21066	San Luis Obispo	Caldwell Mesa	1906		Arroyo Seco	69-E	Nipomo 15'		Upper Relizian	Newbill		
21067	San Luis Obispo	Caldwell Mesa	1907		Arroyo Seco	69-E	Nipomo 15'		Upper Relizian	Newbill		
21068	San Luis Obispo	Caldwell Mesa	1909		Arroyo Seco	69-E	Nipomo 15'		M or L Miocene	Newbill		
21069	San Luis Obispo	Caldwell Mesa	1910		Arroyo Seco	69-E	Nipomo 15'		M or L Miocene	Newbill		
21070	San Luis Obispo	Panorama Hills	1911		SE part of quad	73-K			no paleo info	Carlisle		
21071	San Luis Obispo	Caldwell Mesa	1911		Arroyo Seco	69-E	Nipomo 15'		M or L Miocene	Newbill		
21072	San Luis Obispo	Caldwell Mesa	1912		Arroyo Seco	69-E	Nipomo 15'		prob Relizian	Newbill		
21073	San Luis Obispo	Nipomo	1914		Porter Ranch area	69-E	Nipomo 15'		Middle Mohnian	Newbill		
21074	San Luis Obispo	Nipomo	1915		Porter Ranch area	69-E	Nipomo 15'		Middle Mohnian	Newbill		
21075	San Luis Obispo	Panorama Hills	1915		SE part of quad	73-K		age from map	no paleo info	Carlisle		
21076	San Luis Obispo	Tar Springs Ridge	1916		WC part of quad	69-E	Nipomo 15'		barren	Newbill		
21077	San Luis Obispo	Tar Springs Ridge	1917		WC part of quad	69-E	Nipomo 15'		Upper Miocene	Newbill		
21078	San Luis Obispo	Tar Springs Ridge	1918		WC part of quad	69-E	Nipomo 15'		Lower Luisian	Newbill		
21079	San Luis Obispo	Tar Springs Ridge	1919		WC part of quad	69-E	Nipomo 15'		barren	Newbill		
21080	San Luis Obispo	Caldwell Mesa	1920		Huasna River	69-E	Nipomo 15'		Luisian	Newbill		
21081	San Luis Obispo	Caldwell Mesa	1921		Huasna River	69-E	Nipomo 15'		Lower Luisian	Newbill		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
21082	San Luis Obispo	Caldwell Mesa	1922		Huasna River	69-E	Nipomo 15'		Luisian	Newbill		
21083	San Luis Obispo	Caldwell Mesa	1923		Huasna River	69-E	Nipomo 15'		Miocene?	Newbill		
21084	San Luis Obispo	Caldwell Mesa	1924		Huasna River	69-E	Nipomo 15'		Upper Luisian	Newbill		
21085	San Luis Obispo	Caldwell Mesa	1925		Huasna River	69-E	Nipomo 15'		M or L Miocene	Newbill		
21086	San Luis Obispo	Caldwell Mesa	1926		Huasna River	69-E	Nipomo 15'	abun planktics	not diagnostic	Newbill		
21087	San Luis Obispo	Tar Springs Ridge	1927		SE part of quad	69-E	Nipomo 15'		Luisian	Newbill		
21088	San Luis Obispo	Arroyo Grande NE	1929		Arroyo Grande Ck	69-K	Arroyo Grande 15'		no paleo info	Newbill		
21089	San Luis Obispo	Tar Springs Ridge	1930		SW part of quad	69-K	Nipomo 15'		Miocene?	Newbill		
21090	San Luis Obispo	Tar Springs Ridge	1931		SW part of quad	69-K	Nipomo 15'		Middle Miocene	Newbill		
21091	San Luis Obispo	Tar Springs Ridge	1932		SW part of quad	69-K	Nipomo 15'		Zemorrian	Newbill		
21092	San Luis Obispo	Nipomo	1933		Loma Pelona	69-E	Nipomo 15'		Lower Relizian	Newbill		
21093	San Luis Obispo	Arroyo Grande NE	1936		Slide Hill	73-K			no paleo info	Carlisle		
21094	San Luis Obispo	Arroyo Grande NE	1937		Slide Hill	69-E			Zem/Saucesian	Newbill		
21095	San Luis Obispo	Arroyo Grande NE	1937	A	Slide Hill	69-E			Zem/Saucesian	Newbill		
21096	San Luis Obispo	Arroyo Grande NE	1937	B	Slide Hill	69-E			Zem/Saucesian	Newbill		
21097	San Luis Obispo	Arroyo Grande NE	1937	C	Slide Hill	69-E			Zem/Saucesian	Newbill		
21098	San Luis Obispo	Arroyo Grande NE	1937	D	Slide Hill	69-E			Zem/Saucesian	Newbill		
21099	San Luis Obispo	Arroyo Grande NE	1937	E	Slide Hill	69-E			Zem/Saucesian	Newbill		
21100	San Luis Obispo	Panorama Hills	1938		center of quad	73-K		age from map	no paleo info	Carlisle		
21101	San Luis Obispo	Tar Springs Ridge	1938		SC part of quad	69-E	Nipomo 15'		Upper Miocene	Newbill		
21102	San Luis Obispo	Lopez Mountain	1939		center of quad	69-E	San Luis Obispo 15		not diagnostic	Newbill		
21103	San Luis Obispo	Lopez Mountain	1940		center of quad	69-E	San Luis Obispo 15		Upper Relizian	Newbill		
21104	Santa Barbara	Huasna Peak	1941		not found	69-E	Nipomo 15'		not diagnostic	Newbill		
21105	Santa Barbara	Huasna Peak	1942		not found	69-E	Nipomo 15'		Zemorrian/Sauc	Newbill		
21106	Santa Barbara	Huasna Peak	1944		SE part of quad	62-C	Nipomo 15'		Lower Relizian	Newbill		
21107	Santa Barbara	Huasna Peak	1945		SE part of quad	62-C	Nipomo 15'		not diagnostic	Newbill		
21108	Santa Barbara	Huasna Peak	1946		SE part of quad	62-C	Nipomo 15'		Relizian	Newbill		
21109	Santa Barbara	Huasna Peak	1947		SE part of quad	62-C	Nipomo 15'		Middle Miocene	Newbill		
21110	Santa Barbara	Huasna Peak	1948		SE part of quad	62-C	Nipomo 15'		Middle Miocene	Newbill		
21111	Santa Barbara	Huasna Peak	1949		SE part of quad	62-C	Nipomo 15'		Relizian	Newbill		
21112	Santa Barbara	Huasna Peak	1950		SE part of quad	62-C	Nipomo 15'		Relizian	Newbill		
21113	Santa Barbara	Huasna Peak	1951		SE part of quad	62-C	Nipomo 15'		prob Relizian	Newbill		
21114	Santa Barbara	Huasna Peak	1952		SE part of quad	62-C	Nipomo 15'		Relizian	Newbill		
21115	Santa Barbara	Huasna Peak	1953		SE part of quad	62-C	Nipomo 15'		Relizian	Newbill		
21116	Santa Barbara	Huasna Peak	1954		SE part of quad	62-C	Nipomo 15'		Lower Relizian	Newbill		
21117	Santa Barbara	Huasna Peak	1955		SE part of quad	62-C	Nipomo 15'		Relizian	Newbill		
21118	San Luis Obispo	Panorama Hills	1955		Crocker Canyon	81-D			no paleo info	Kriz		
21119	San Luis Obispo	Panorama Hills	1956		Crocker Canyon	81-D			no paleo info	Kriz		
21120	Santa Barbara	Huasna Peak	1956		SE part of quad	62-C	Nipomo 15'		prob Relizian	Newbill		
21121	Santa Barbara	Huasna Peak	1958		SE part of quad	62-C	Nipomo 15'		prob Relizian	Newbill		
21122	Santa Barbara	Tar Springs Ridge	1961		EC part of quad	69-D	Nipomo 15'		Upper Miocene	Newbill		
21123	San Luis Obispo	Panorama Hills	1968		Crocker Canyon	81-D			Zemorrian	Kriz		
21124	San Luis Obispo	Panorama Hills	1969		Crocker Canyon	81-D			Zemorrian	Kriz		
21125	San Luis Obispo	Huasna Peak	1975		NW part of quad	69-E	Nipomo 15'		no paleo info	Newbill		
21126	San Luis Obispo	Las Yeguas Ranch	1978		SE corner of quad	81-D			no paleo info	Kriz		
21127	San Luis Obispo	Tar Springs Ridge	1979		WC part of quad	69-E	Nipomo 15'		Luisian	Newbill		
21128	San Luis Obispo	Las Yeguas Ranch	1979		SE corner of quad	81-D			no paleo info	Kriz		
21129	San Luis Obispo	Simmler	1980		NE corner of quad	81-D			no paleo info	Kriz		
21130	San Luis Obispo	Tar Springs Ridge	1980		WC part of quad	69-E	Nipomo 15'		Luisian	Newbill		
21131	San Luis Obispo	Simmler	1981		NE corner of quad	81-D			no paleo info	Kriz		
21132	San Luis Obispo	Tar Springs Ridge	1981		WC part of quad	69-E	Nipomo 15'		barren	Newbill		
21133	San Luis Obispo	Simmler	1983		NE corner of quad	81-D			no paleo info	Kriz		
21134	San Luis Obispo	Simmler	1984		NE corner of quad	81-D	Temblor Range		no paleo info	Kriz		
21135	San Luis Obispo	Tar Springs Ridge	1985		WC part of quad	69-F	Nipomo 15'		M or U Miocene	Newbill		
21136	San Luis Obispo	Simmler	1987		NE corner of quad	81-D			no paleo info	Kriz		
21137	Kern	Las Yeguas Ranch	1988		Las Yeguas Ranch	81-D	Temblor Range		no paleo info	Kriz		
21138	San Luis Obispo	Tar Springs Ridge	1988		SW part of quad	69-F	Nipomo 15'		not diagnostic	Newbill		
21139	San Luis Obispo	Tar Springs Ridge	1989		SW part of quad	69-F	Nipomo 15'		Mohnian?	Newbill		
21140	San Luis Obispo	Tar Springs Ridge	1991		SE part of quad	69-F	Nipomo 15'		Upper Miocene	Newbill		
21141	San Luis Obispo	Nipomo	1993		SE part of quad	69-F	Nipomo 15'		barren	Newbill		
21142	San Luis Obispo	Tar Springs Ridge	1994		WC part of quad	69-F	Nipomo 15'		Mohnian?	Newbill		
21143	San Luis Obispo	Caldwell Mesa	1995		Arroyo Seco	69-F	Nipomo 15'		barren	Newbill		
21144	San Luis Obispo	Caldwell Mesa	1996		Arroyo Seco	69-F	Nipomo 15'		Miocene	Newbill		
21145	San Luis Obispo	Tar Springs Ridge	1997		not found	69-F	Nipomo 15'		no paleo info	Newbill		
21146	San Luis Obispo	Las Yeguas Ranch	1997		SE corner of quad	81-D			no paleo info	Kriz		
21147	San Luis Obispo	Las Yeguas Ranch	1998		SE corner of quad	81-D			no paleo info	Kriz		
21148	San Luis Obispo	Las Yeguas Ranch	1999		SE corner of quad	81-D			no paleo info	Kriz		
21149	San Luis Obispo	Huasna Peak	2001		Cuyama River	69-F	Nipomo 15'		Relizian	Newbill		
21150	San Luis Obispo	Huasna Peak	2003		Cuyama River	69-F	Nipomo 15'	good fauna	no paleo info	Newbill		
21151	San Luis Obispo	Huasna Peak	2004		Vaquero Flat	69-F	Nipomo 15'		Luisian	Newbill		
21152	San Luis Obispo	Huasna Peak	2005		Vaquero Flat	69-F	Nipomo 15'		Lower Mohnian	Newbill		
21153	San Luis Obispo	Caliente Mountain	2005		NW part of quad	73-K	Caliente Mtn 15'		no paleo info	Parker		
21154	San Luis Obispo	Caliente Mountain	2006		NW part of quad	73-K	Caliente Mtn 15'		no paleo info	Parker		
21155	San Luis Obispo	Huasna Peak	2006		Cuyama River	69-F	Nipomo 15'		not diagnostic	Newbill		
21156	San Luis Obispo	Huasna Peak	2007		Cuyama River	69-F	Nipomo 15'		not diagnostic	Newbill		
21157	San Luis Obispo	Caliente Mountain	2007		NW part of quad	73-K	Caliente Mtn 15'	age from map	Luisian	Parker		
21158	San Luis Obispo	Caliente Mountain	2008		NW part of quad	73-K	Caliente Mtn 15'	age from map	Luisian	Parker		
21159	San Luis Obispo	Huasna Peak	2008		Cuyama River	69-F	Nipomo 15'		Lower Mohnian	Newbill		
21160	San Luis Obispo	Huasna Peak	2009		Cuyama River	69-F	Nipomo 15'		barren	Newbill		
21161	San Luis Obispo	Taylor Canyon	2009		NW part of quad	73-K	Caliente Mtn 15'	age from map	Luisian	Parker		
21162	San Luis Obispo	Taylor Canyon	2010		NW part of quad	73-K	Caliente Mtn 15'	age from map	Middle Miocene	Parker		
21163	San Luis Obispo	Caliente Mountain	2011		NW part of quad	73-K	Caliente Mtn 15'	age from map	Middle Miocene	Parker		
21164	San Luis Obispo	Caliente Mountain	2013		NW part of quad	73-K	Caliente Mtn 15'	age from map	Middle Miocene	Parker		
21165	San Luis Obispo	Taylor Canyon	2014		NE corner of quad	73-K	Caliente Mtn 15'	age from map	Middle Miocene	Parker		
21166	San Luis Obispo	Cypress Mountain?	2014		not on map	69-F	Adelaida 15'	quad on slide	Luisian	Newbill		

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
21167	San Luis Obispo	Cypress Mountain?	2015		not on map	69-F	Adelaida 15'	quad on slide	Relizian	Newbill		
21168	San Luis Obispo	Cypress Mountain?	2016		not on map	69-F	Adelaida 15'	quad on slide	Relizian	Newbill		
21169	San Luis Obispo	Cypress Mountain?	2017		not on map	69-F	Adelaida 15'	quad on slide	Lower Miocene	Newbill		
21170	San Luis Obispo	Cypress Mountain	2018		center of quad	69-F	Adelaida 15'	quad on slide	Luisian	Newbill		
21171	San Luis Obispo	Cypress Mountain	2019		center of quad	69-F	Adelaida 15'	quad on slide	Middle Miocene	Newbill		
21172	San Luis Obispo	Cypress Mountain	2020		center of quad	69-F	Adelaida 15'	quad on slide	Lower Miocene	Newbill		
21173	San Luis Obispo	Panorama Hills	2020		center of quad	73-L			no paleo info	Parker		
21174	San Luis Obispo	Panorama Hills	2021		center of quad	73-L			no paleo info	Parker		
21175	San Luis Obispo	Cypress Mountain	2021		center of quad	69-F			Lower Miocene	Newbill		
21176	San Luis Obispo	Santa Margarita Lake	2022		WC part of quad	69-F	Pozo 15'		Lower Miocene	Newbill		
21177	San Luis Obispo	Panorama Hills?	2022		not on map	73-L			no paleo info	Parker		
21178	San Luis Obispo	Panorama Hills	2023		center of quad	73-L			no paleo info	Parker		
21179	San Luis Obispo	Morro Bay North	2023		NW corner of quad	69-F	Cayucos 15'		Zemorrian	Newbill		
21180	San Luis Obispo	York Mountain	2024		not on map	69-F	Adelaida 15'		Zemorrian	Newbill		
21181	San Luis Obispo	Panorama Hills	2024		center of quad	73-L	see La Panza		no paleo info	Parker		
21182	San Luis Obispo	Panorama Hills?	2025		not on map	73-L			no paleo info	Parker		
21183	San Luis Obispo	York Mountain	2025		SW part of quad	69-F	Adelaida 15'		Zemorrian	Newbill		
21184	San Luis Obispo	York Mountain	2026		SW part of quad	69-F	Adelaida 15'		barren	Newbill		
21185	San Luis Obispo	York Mountain	2027		SC part of quad	69-F	Adelaida 15'		barren	Newbill		
21186	San Luis Obispo	Panorama Hills	2027		not on map	73-L			no paleo info	Parker		
21187	San Luis Obispo	Panorama Hills	2028		center of quad	73-L			no paleo info	Parker		
21188	San Luis Obispo	Panorama Hills	2029		center of quad	73-L		age from map	Lower Miocene	Parker		
21189	San Luis Obispo	Santa Margarita	2029		NW corner of quad	69-F	San Luis Obispo 15'		barren	Newbill		
21190	San Luis Obispo	Santa Margarita	2030		NW corner of quad	69-F	San Luis Obispo 15'		Middle Miocene	Newbill		
21191	San Luis Obispo	Panorama Hills	2030		NW part of quad	73-L			no paleo info	Parker		
21192	San Luis Obispo	Panorama Hills	2031		NW part of quad	73-L	see also SLO	P Robles	no paleo info	Parker		
21193	San Luis Obispo	Santa Margarita	2031		SW part of quad	69-F	San Luis Obispo 15'		barren	Newbill		
21194	San Luis Obispo	Panorama Hills	2032		NW part of quad	73-L			no paleo info	Parker		
21195	San Luis Obispo	Santa Margarita Lake	2033		NE corner of quad	69-F			not diagnostic	Newbill		
21196	San Luis Obispo	Cambria	2034		Green Valley Road	69-F			Upper Miocene?	Newbill		
21197	San Luis Obispo	Panorama Hills	2034		NW part of quad	73-L			no paleo info	Parker		
21198	San Luis Obispo	Panorama Hills	2035		NW part of quad	73-L			no paleo info	Parker		
21199	San Luis Obispo	Templeton	2035		In Templeton	69-F	Paso Robles 15'		Saucesian/Relizian	Newbill		
21200	San Luis Obispo	Templeton	2035	RS	In Templeton	69-F	Paso Robles 15'		Luisian/Relizian	Newbill		
21201	San Luis Obispo	Panorama Hills	2035		NW part of quad	73-L			no paleo info	Parker		
21202	San Luis Obispo	Santa Margarita Lake	2036		NW part of quad	69-G	Pozo 15'		Cretaceous?	Newbill		
21203	San Luis Obispo	Santa Margarita Lake	2037		NW part of quad	69-G	Pozo 15'		barren	Newbill		
21204	San Luis Obispo	Panorama Hills	2037		NW part of quad	73-L			no paleo info	Parker		
21205	San Luis Obispo	Santa Margarita Lake	2038		NW part of quad	69-G	Pozo 15'		Cretaceous?	Newbill		
21206	San Luis Obispo	Santa Margarita Lake	2039		NW part of quad	69-G	Pozo 15'		Upper Cretaceous	Newbill		
21207	San Luis Obispo	Santa Margarita Lake	2040		NW part of quad	69-G	Pozo 15'		Cretaceous	Newbill		
21208	San Luis Obispo	Santa Margarita Lake	2041		NW part of quad	69-G	Pozo 15'		Upper Cretaceous	Newbill		
21209	San Luis Obispo	Santa Margarita Lake	2042		NW part of quad	69-G	Pozo 15'		Upper Cretaceous	Newbill		
21210	San Luis Obispo	Santa Margarita Lake	2042		NW part of quad	69-G	Pozo 15'		Upper Cretaceous	Newbill		
21211	San Luis Obispo	Santa Margarita Lake	2043		NW part of quad	69-G	Pozo 15'		Upper Cretaceous	Newbill		
21212	San Luis Obispo	Santa Margarita Lake	2043	RW	NW part of quad	69-G	Pozo 15'		no paleo info	Reed		
21213	San Luis Obispo	Atascadero	2044		NC part of quad	69-G	San Luis Obispo 15'		Upper Relizian	Newbill		
21214	Kern	Santiago Creek	2045		NE corner of quad	73-L	on slide #1780		no paleo info	Parker		
21215	San Luis Obispo	Templeton	2045		SW part of quad	69-G	Paso Robles 15'		Lower Relizian	Newbill		
21216	Los Angeles	Point Dume	2046		Zuma Beach	70-C		great forams	Relizian			
21217	San Luis Obispo	Templeton	2046		SW part of quad	69-G			Relizian	Newbill		
21218	San Luis Obispo	Templeton	2047		SW part of quad	69-G			Luisian	Newbill		
21219	Kern	Panorama Hills	2047		EC part of quad	73-L	Temblor Range		no paleo info	Parker		
21220	Kern	Panorama Hills	2048		EC part of quad	73-L	Temblor Range		no paleo info	Parker		
21221	Santa Barbara	Chimney Canyon	2048		Cuyama River Rd	69-G	Branch Mtn 15'		Zemorrian	Newbill		
21222	Santa Barbara	Chimney Canyon	2049		Cuyama River Rd	69-G	Branch Mtn 15'		no paleo info	Newbill		
21223	Kern	Panorama Hills	2049		EC part of quad	73-L	Temblor Range		no paleo info	Parker		
21224	Santa Barbara	Chimney Canyon	2050		Cuyama River Rd	69-G	Branch Mtn 15'		Zemorrian	Newbill		
21225	Santa Barbara	Chimney Canyon	2051		Cuyama River Rd	69-G	Branch Mtn 15'		barren	Newbill		
21226	Santa Barbara	Chimney Canyon	2052		Cuyama River Rd	69-G	Branch Mtn 15'		Lower Miocene	Newbill		
21227	Santa Barbara	Chimney Canyon	2053		Cuyama River Rd	69-G	Branch Mtn 15'		Cretaceous?	Newbill		
21228	Santa Barbara	Miranda Pine Mountain	2054		NW part of quad	69-G	Branch Mtn 15'		Upper Cretaceous	Newbill		
21229	Santa Barbara	Miranda Pine Mountain	2054	RW	NW part of quad	69-G	Branch Mtn 15'		no paleo info			
21230	Santa Barbara	Mint Canyon	2054		NW part of quad	73-L			no paleo info	Reed		
21231	Santa Barbara	Mint Canyon	2055		NW part of quad	73-L			no paleo info	Reed		
21232	Santa Barbara	Miranda Pine Mountain	2055		NW part of quad	69-G	Branch Mtn 15'		Upper Cretaceous			
21233	Santa Barbara	Miranda Pine Mountain	2055	RW	NW part of quad	69-G	Branch Mtn 15'		Upper Cretaceous			
21234	Santa Barbara	San Marcos Pass	2057	A	EC part of quad	69-G	S. Rafael Mtn 15'		Upper Relizian			
21235	Santa Barbara	San Marcos Pass	2057	B	EC part of quad	69-G	S. Rafael Mtn 15'		Upper Relizian			
21236	Santa Barbara	San Marcos Pass?	2058	A	not on map	69-G	S. Rafael Mtn 15'		Luisian	Zeni		
21237	Santa Barbara	San Marcos Pass?	2058	B	not on map	69-G	S. Rafael Mtn 15'		Luisian	Zeni		
21238	San Luis Obispo	Caldwell Mesa	2059		Arroyo Seco	69-G	Nipomo 15'		no paleo info			
21239	San Luis Obispo	Caldwell Mesa	2060		Arroyo Seco	69-G	Nipomo 15'		Luisian			
21240	San Luis Obispo	Caldwell Mesa	2061		Arroyo Seco	69-G	Nipomo 15'		Luisian			
21241	Kern	Carneros Rocks	2062		Salt Creek	8-I	Temblor Range		no paleo info	Darke		
21242	Los Angeles	Whitaker Peak	2062		NC part of quad	18-D			no paleo info	Weh		
21243	Los Angeles	Whitaker Peak	2063		NC part of quad	18-D			no paleo info	Weh		
21244	Los Angeles	Whitaker Peak	2064		NC part of quad	18-D			no paleo info	Weh		
21245	Los Angeles	Whitaker Peak	2065		NC part of quad	18-D			no paleo info	Weh		
21246	Los Angeles	Whitaker Peak	2066		NC part of quad	18-D			no paleo info	Weh		
21247	Kern	Carneros Rocks	2066		Salt Creek	8-I	Temblor Range		no paleo info	Darke		
21248	San Luis Obispo	Simmler	2067		Temblor	82-B			no paleo info	Papp		
21249	Los Angeles	Whitaker Peak	2067		NC part of quad	18-D			no paleo info	Weh		
21250	San Luis Obispo	Simmler	2068		Temblor	82-B			no paleo info	Papp		
21251	Los Angeles	Whitaker Peak	2068		NC part of quad	18-D			no paleo info	Weh		

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ONE/SERIES/AG	COLLECTORS		
21252	Los Angeles	Whitaker Peak	2069		NC part of quad	18-D			no paleo info	Weh		
21253	Los Angeles	Whitaker Peak	2070		NC part of quad	18-D			no paleo info	Weh		
21254	Los Angeles	Whitaker Peak	2071		NC part of quad	31-L			no paleo info	Weh		
21255	San Luis Obispo	Simmler	2071		NE corner of quad	82-B			no paleo info	Papp		
21256	San Luis Obispo	Las Yeguas Ranch	2072		Temblor	82-B	Temblor Range		no paleo info	Papp		
21257	Los Angeles	Whitaker Peak	2072		NC part of quad	31-L			no paleo info	Weh		
21258	San Luis Obispo	Las Yeguas Ranch	2073		SE corner of quad	82-B			no paleo info	Papp		
21259	Santa Barbara	New Cuyama	2074		SW part of quad	82-B	Salisbury Cyn 15'		no paleo info	Papp		
21260	San Luis Obispo	Las Yeguas Ranch	2075		Cottonwood Spring	82-B			no paleo info	Papp		
21261	Los Angeles	Whitaker Peak	2075		NC part of quad	31-L			no paleo info	Weh		
21262	Los Angeles	Whitaker Peak	2076		NC part of quad	18-D			no paleo info	Weh		
21263	San Luis Obispo	Las Yeguas Ranch	2076		Cottonwood Spring	82-B			no paleo info	Papp		
21264	Kern	Las Yeguas Ranch	2077		Cottonwood Spring	82-B			no paleo info	Papp		
21265	Los Angeles	Whitaker Peak	2077		NC part of quad	18-D	Temblor Range		no paleo info	Weh		
21266	Los Angeles	Whitaker Peak	2078		NC part of quad	18-D			no paleo info	Weh		
21267	San Luis Obispo	Las Yeguas Ranch	2078		Cottonwood Spring	82-B			no paleo info	Papp		
21268	Los Angeles	Whitaker Peak	2079		NC part of quad	18-D			no paleo info	Weh		
21269	Los Angeles	Whitaker Peak	2080		NC part of quad	18-D			no paleo info	Weh		
21270	San Luis Obispo	Las Yeguas Ranch	2080		Cottonwood Spring	82-B			no paleo info	Papp		
21271	San Luis Obispo	Las Yeguas Ranch	2081		Cottonwood Spring	82-B			no paleo info	Papp		
21272	Los Angeles	Whitaker Peak	2081		NC part of quad	18-D			no paleo info	Weh		
21273	Los Angeles	Whitaker Peak	2082		NC part of quad	18-D	Temblor Range		no paleo info	Weh		
21274	Los Angeles	Whitaker Peak	2083		NC part of quad	18-D			no paleo info	Weh		
21275	Los Angeles	Whitaker Peak	2084		NC part of quad	18-D			no paleo info	Weh		
21276	Los Angeles	Whitaker Peak	2085		NC part of quad	18-D			no paleo info	Weh		
21277	Los Angeles	Whitaker Peak	2087		NC part of quad	18-D			no paleo info	Weh		
21278	Los Angeles	Whitaker Peak	2091		NC part of quad	12-I	old Violin Cyn Quad		no paleo info			
21279	Los Angeles	Whitaker Peak	2092		NC part of quad	12-I	old Violin Cyn Quad		no paleo info			
21280	San Luis Obispo	Las Yeguas Ranch	2096		SW part of quad	82-B			no paleo info	Papp		
21281	Kern	Las Yeguas Ranch	2097		SW part of quad	82-B			no paleo info	Papp		
21282	Kern	Las Yeguas Ranch	2098		SW part of quad	82-B			no paleo info	Papp		
21283	Santa Barbara	Big Pine Mountain	2118		Big Pine Mtn area	69-M			no paleo info	Kriz		
21284	Santa Barbara	Big Pine Mountain	2121		Big Pine Mtn area	69-M			no paleo info	Kriz		
21285	Santa Barbara	Big Pine Mountain	2122		Big Pine Mtn area	69-M			no paleo info	Kriz		
21286	Santa Barbara	Big Pine Mountain	2123		Big Pine Mtn area	69-M			no paleo info	Kriz		
21287	Santa Barbara	Big Pine Mountain	2124		not found	69-M			no paleo info	Kriz		
21288	Santa Barbara	Big Pine Mountain	2125		SC part of quad	69-M			no paleo info	Kriz		
21289	Santa Barbara	Big Pine Mountain	2126		SC part of quad	69-M			no paleo info	Kriz		
21290	Ventura	Rancho Nuevo Creek	2132	7	Deal Canyon	89-N			no paleo info	Klemme		
21291	Ventura	Rancho Nuevo Creek	2132	8	Deal Canyon	89-N			no paleo info	Klemme		
21292	Ventura	Reyes Peak	2139	13	Bear Trap Camp	89-N			no paleo info			
21293	Ventura	Reyes Peak	2139	14	Bear Trap Camp	89-N			no paleo info			
21294	Ventura	Reyes Peak	2139	15	Bear Trap Camp	89-N			no paleo info			
21295	Ventura	Lion Canyon	2141	2	Deal Canyon	89-N			no paleo info	Klemme		
21296	Ventura	Lion Canyon	2141	3	Deal Canyon	89-N			no paleo info	Klemme		
21297	Ventura	Lion Canyon	2141	4	Deal Canyon	89-N			no paleo info	Klemme		
21298	Ventura	Lion Canyon	2141	5	Deal Canyon	89-N			no paleo info	Klemme		
21299	Ventura	Lion Canyon	2141	7	Deal Canyon	89-N			no paleo info	Klemme		
21300	Ventura	Lion Canyon	2142		NE part of quad	89-N			no paleo info	Klemme		
21301	Ventura	Sawmill Mountain	2143	A	Lockwood Valley	89-G	not on map		no paleo info	Klemme		
21302	Ventura	Sawmill Mountain	2143	B	Lockwood Valley	89-G	not on map		no paleo info	Klemme		
21303	Ventura	Sawmill Mountain	2143	D	Lockwood Valley	89-G	not on map		no paleo info	Klemme		
21304	Ventura	Sawmill Mountain	2144		Lockwood Valley	89-G	not on map		no paleo info	Cook		
21305	San Luis Obispo	Huasna Peak	2173		Cuyama River	69-H	Nipomo 15'		Lower Miocene			
21306	San Luis Obispo	Huasna Peak	2173	A	Cuyama River	69-H	Nipomo 15'		Lower Miocene			
21307	San Luis Obispo	Huasna Peak	2173	B	Cuyama River	69-H	Nipomo 15'		Lower Mohnian			
21308	San Luis Obispo	Santa Maria	2175		NE part of quad	69-H	Santa Maria 15'		barren			
21309	San Luis Obispo	Santa Maria	2176		NE corner of quad	69-H	Santa Maria 15'		Relizian			
21310	San Luis Obispo	Twitchell Dam	2177		NW corner of quad	69-H			Lower Relizian			
21311	San Luis Obispo	Twitchell Dam	2178		NW corner of quad	69-H			Saucesian/Relizian			
21312	San Luis Obispo	Pismo Beach	2179		E of Avila	69-H	Arroyo Grande 15'		not diagnostic			
21313	San Luis Obispo	Pismo Beach	2180		NE of Avila	69-H	Arroyo Grande 15'		Miocene			
21314	San Luis Obispo	Pismo Beach	2181		NE of Avila	69-H	Arroyo Grande 15'		Lower Relizian			
21315	San Luis Obispo	Pismo Beach	2182		NE of Avila	69-H	Arroyo Grande 15'		Lower Relizian			
21316	San Luis Obispo	Pismo Beach	2183		NE of Avila	69-H	Arroyo Grande 15'		Lower Relizian			
21317	San Luis Obispo	Pismo Beach	2184		E of Avila	69-H	Arroyo Grande 15'		not diagnostic			
21318	San Luis Obispo	Pismo Beach	2186		W of Avila	69-H	Arroyo Grande 15'		Upper Miocene			
21319	San Luis Obispo	Pismo Beach?	2189		NC part of quad	69-H	Arroyo Grande 15'		Zemorrian			
21320	San Luis Obispo	Pismo Beach?	2189		NC part of quad	10-A	Arroyo Grande 15'		Zemorrian	Heuter 1		
21321	San Luis Obispo	Port San Luis	2200		end of See Cyn Rd	69-H			Saucesian			
21322	San Luis Obispo	Las Yeguas Ranch	2200		SE corner of quad	89-L			no paleo info	Papp		
21323	San Luis Obispo	Las Yeguas Ranch	2201		SE corner of quad	89-L			no paleo info	Papp		
21324	San Luis Obispo	Las Yeguas Ranch	2202		SE corner of quad	89-L			no paleo info	Papp		
21325	San Luis Obispo	Las Yeguas Ranch	2204		SE corner of quad	89-L			no paleo info	Papp		
21326	San Luis Obispo	Las Yeguas Ranch	2205		SE corner of quad	89-L			no paleo info	Papp		
21327	San Luis Obispo	Simmler	2207		NE corner of quad	89-L			no paleo info	Papp		
21328	San Luis Obispo	Las Yeguas Ranch	2209		SE corner of quad	89-L			no paleo info	Papp		
21329	San Luis Obispo	Las Yeguas Ranch	2210		SE corner of quad	89-L			no paleo info	Papp		
21330	San Luis Obispo	Las Yeguas Ranch	2213		SE corner of quad	89-L			no paleo info	Papp		
21331	San Luis Obispo	Las Yeguas Ranch	2214		SE corner of quad	89-L			no paleo info	Papp		
21332	Kern	Las Yeguas Ranch	2224		Media Agua Creek	73-D			no paleo info	Bahr		
21333	Kern	Las Yeguas Ranch	2225		Media Agua Creek	73-D			no paleo info	Bahr		
21334	Kern	Las Yeguas Ranch	2227		NE part of quad	73-D			no paleo info	Bahr		
21335	Santa Barbara	Salisbury Potrero	2229	A	NE part of quad	89-L	Salisbury Cyn 15'	definite ID	Miocene?	Cook		
21336	Santa Barbara	Salisbury Potrero	2229	C	NE part of quad	89-L	Salisbury Cyn 15'		Miocene?	Cook		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
21337	Santa Barbara	Salisbury Potrero	2229	D	NE part of quad	89-L	Salisbury Cyn 15'		Miocene?	Cook		
21338	Santa Barbara	Salisbury Potrero	2230	A	NE part of quad	89-L	Salisbury Cyn 15'		Cret/Paleoc	Cook		
21339	San Luis Obispo	Caldwell Mesa	2230		Arroyo Seco	69-G	Nipomo 15'	AGran on slide	Lower Luisian			
21340	San Luis Obispo	Caldwell Mesa	2231		Arroyo Seco	69-G	Nipomo 15'	AGran on slide	Lower Luisian			
21341	Santa Barbara	Salisbury Potrero	2231		NE part of quad	89-L	Salisbury Cyn 15'		not diagnostic	Cook		
21342	San Luis Obispo	Caldwell Mesa	2232		Arroyo Seco	69-G	Nipomo 15'	AGran on slide	Lower Luisian	Newbill		
21343	San Luis Obispo	Caldwell Mesa	2233		Arroyo Seco	69-G	but slide says AG	AGran on slide	Lower Luisian	Newbill		
21344	Santa Barbara	Caldwell Mesa	2234		Arroyo Seco	69-G	Nipomo 15'	AGran on slide	Lower Luisian	Newbill		
21345	Los Angeles	Newhall	2235		Pico Canyon	18-E			no paleo info			
21346	Santa Barbara	Salisbury Potrero	2235		NE part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
21347	Santa Barbara	Salisbury Potrero	2235	A	NE part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
21348	Santa Barbara	Salisbury Potrero	2235	B	NE part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
21349	Santa Barbara	Salisbury Potrero	2236		NE part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
21350	Santa Barbara	Salisbury Potrero	2236	A	NE part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
21351	Santa Barbara	Salisbury Potrero	2237		NC part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
21352	Los Angeles	Newhall	2237		Pico Canyon	18-E			no paleo info			
21353	Los Angeles	Newhall	2238		Pico Canyon	18-E	sa Oat Mtn		M Miocene?			
21354	Santa Barbara	Salisbury Potrero	2238		NC part of quad	89-L	Salisbury Cyn 15'		Middle? Miocene	Papp & Cook		
21355	Los Angeles	Newhall	2239		Pico Canyon	18-E			barren			
21356	Los Angeles	Newhall	2240		Pico Canyon	18-E			barren			
21357	Los Angeles	Newhall	2241		Pico Canyon	18-E			Luisian			
21358	Los Angeles	Newhall	2241		Pico Canyon	18-E			Luisian			
21359	Santa Barbara	Salisbury Potrero	2241		NC part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
21360	Santa Barbara	Salisbury Potrero	2242		NC part of quad	89-L	Salisbury Cyn 15'		not diagnostic	Papp & Cook		
21361	Los Angeles	Newhall	2242		Pico Canyon	18-E			indeterminate			
21362	Los Angeles	Newhall	2243		Pico Canyon	18-E			no paleo info			
21363	Santa Barbara	Salisbury Potrero	2243	A	NC part of quad	89-L	Salisbury Cyn 15'		Luisian?	Papp & Cook		
21364	Santa Barbara	Salisbury Potrero	2244		NC part of quad	89-L	Salisbury Cyn 15'		not diagnostic	Papp & Cook		
21365	Los Angeles	Newhall	2244		Pico Canyon	18-E			indeterminate			
21366	Los Angeles	Newhall	2245		Pico Canyon	18-E			no paleo info			
21367	Santa Barbara	New Cuyama	2245	A	SW part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
21368	Santa Barbara	New Cuyama	2245	B	SW part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
21369	Los Angeles	Newhall	2246		Pico Canyon	18-E			no paleo info			
21370	Santa Barbara	New Cuyama	2246		SW part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
21371	Santa Barbara	New Cuyama	2247		SW part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
21372	Los Angeles	Oat Mountain	2247		Lyon Canyon	18-E			no paleo info			
21373	Monterey	Stockdale Mountain	2259		Vineyard Cyn Rd	76-B	San Miguel 15'		Upper Mohnian?			
21374	Monterey	Stockdale Mountain	2260		Vineyard Cyn Rd	76-B	San Miguel 15'		not diagnostic			
21375	Monterey	Lime Mountain	2261		Salinas Valley	71-A			Lower Relizian	Tarbet		
21376	San Luis Obispo	Wilson Corner	2262		Highland School	82-D	Pozo 15'		Luisian	Tarbet		
21377	San Luis Obispo	Wilson Corner	2263		Highland School	82-D	Pozo 15'		Luisian	Tarbet		
21378	San Luis Obispo	Wilson Corner	2264		Highland School	82-D	Pozo 15'		Luisian	Tarbet		
21379	San Luis Obispo	Wilson Corner	2265		Highland School	82-D	Pozo 15'		Luisian	Tarbet		
21380	Los Angeles	Newhall	2265		Pico (site)	18-E		shallow water	ostracods etc			
21381	Los Angeles	Simi Valley East	2266		EC part of quad	31-L	old S Susanna Q		Eocene	Szatai		
21382	San Luis Obispo	Wilson Corner	2266		Highland School	82-D	Pozo 15'		Luisian	Tarbet		
21383	San Luis Obispo	Wilson Corner	2267		Highland School	82-D	Pozo 15'		Luisian	Tarbet		
21384	Los Angeles	Simi Valley East	2267		EC part of quad	18-E	old S Susanna Q		Eocene	Szatai		
21385	Los Angeles	Simi Valley East	2268		EC part of quad	18-E	old S Susanna Q		Eocene	Szatai		
21386	San Luis Obispo	Wilson Corner	2268		Highland School	82-D	Pozo 15'	Moorpark	Luisian	Tarbet		
21387	San Luis Obispo	Wilson Corner	2269		Highland School	82-D	Pozo 15'	Moorpark	Luisian	Tarbet		
21388	San Luis Obispo	Wilson Corner	2275		Highland School	82-D	Pozo 15'		Luisian	Tarbet		
21389	San Luis Obispo	Wilson Corner	2276		Highland School	82-D	Pozo 15'		Luisian	Tarbet		
21390	Ventura	Topatopa Mountains	2278		Sespe Creek	12-L	Hot Sprs Canyon	see slide 1597	no paleo info			
21391	San Luis Obispo	Wilson Corner	2287		center of quad	82-D			Luisian?	Tarbet		
21392	Not found		2290		Salinas Valley	71-A	not on any maps		no paleo info			
21393	Not found		2292		Salinas Valley	71-A	not on any maps		no paleo info			
21394	Ventura	Val Verde	2292		SW part of quad	35-N			no paleo info			
21395	Ventura	Val Verde	2293		SW part of quad	35-N			no paleo info			
21396	Ventura	Val Verde	2293		SW part of quad	35-N			no paleo info			
21397	Not found		2294		Salinas Valley	71-A	not on any maps		no paleo info			
21398	Not found		2296		Salinas Valley	71-A	not on any maps		no paleo info			
21399	Not found		2297		Salinas Valley	71-A	not on any maps		no paleo info			
21400	Not found		2298		Salinas Valley	71-A	not on any maps		no paleo info			
21401	Los Angeles	Simi Valley East	2300		EC part of quad	18-E	old S Susanna Q		Lower Mohnian			
21402	Los Angeles	Simi Valley East	2301		EC part of quad	18-E	old S Susanna Q		possibly Mohnian			
21403	Los Angeles	Simi Valley East	2302		EC part of quad	18-E	old S Susanna Q		Eocene (Llajas)			
21404	Los Angeles	Val Verde	2309		NW part of quad	18-E			no paleo info			
21405	Los Angeles	Val Verde	2310		NW part of quad	18-E			no paleo info			
21406	Ventura	Val Verde	2313		WC part of quad	33-D?			no paleo info			
21407	Ventura	Val Verde	2315		WC part of quad	33-D?			no paleo info			
21408	Ventura	Val Verde	2316		WC part of quad	33-D?			no paleo info			
21409	Ventura	Val Verde	2317		WC part of quad	18-E			no paleo info			
21410	Ventura	Piru	2319		NE part of quad	18-E			no paleo info			
21411	Santa Barbara	Los Alamos	2321		Drum Canyon	23-K			no paleo info			
21412	Santa Barbara	Los Alamos	2322		Drum Canyon	23-K			no paleo info			
21413	Santa Barbara	Los Alamos	2323		Drum Canyon	23-K			no paleo info			
21414	Santa Barbara	Los Alamos	2324		Drum Canyon	23-K			Pliocene/Miocene	Newbill		
21415	Santa Barbara	Los Alamos	2325		Drum Canyon	23-K			not diagnostic	Newbill		
21416	Santa Barbara	Los Alamos	2326		Drum Canyon	23-K			Pliocene/Miocene	Newbill		
21417	Ventura	Val Verde	2327		WC part of quad	18-E			no paleo info			
21418	Ventura	Val Verde	2328		WC part of quad	18-F			no paleo info	BLC		
21419	Ventura	Val Verde	2329		WC part of quad	18-F			no paleo info	BLC		
21420	Ventura	Val Verde	2330		WC part of quad	18-F			no paleo info	BLC		
21421	Ventura	Val Verde	2331		WC part of quad	18-F			no paleo info	BLC		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
21422	Ventura	Val Verde	2332	A	WC part of quad	18-F			no paleo info	BLC		
21423	Ventura	Val Verde	2332	B	WC part of quad	18-F			no paleo info	BLC		
21424	Ventura	Val Verde	2333		WC part of quad	18-F			no paleo info	BLC		
21425	Ventura	Val Verde	2334		WC part of quad	18-F			no paleo info	BLC		
21426	Ventura	Val Verde	2335		WC part of quad	18-F			no paleo info	BLC		
21427	Ventura	Simi Valley East	2339		Llajas Cyn area	18-F	old S Susanna Q		Luisian			
21428	Ventura	Simi Valley East	2340		Llajas Cyn area	18-F	old S Susanna Q		Luisian			
21429	Ventura	Simi Valley East	2341		Llajas Cyn area	18-G	old S Susanna Q		Lower Mohnian			
21430	Ventura	Simi Valley East	2342		Llajas Cyn area	18-G	old S Susanna Q		Mohnian			
21431	Ventura	Simi Valley East	2343		Llajas Cyn area	18-G	old S Susanna Q		possibly Mohnian			
21432	Ventura	Simi Valley East	2349		Llajas Cyn area	18-F	old S Susanna Q		not diagnostic			
21433	Los Angeles	Simi Valley East	2350		Llajas Cyn area	18-F	old S Susanna Q		Luisian			
21434	San Luis Obispo	Templeton	2354		SE of Templeton	96-F	Paso Robles 15'		Luisian	Tarbe		
21435	Ventura	Simi Valley East	2354		Llajas Cyn area	18-F	old S Susanna Q		Luisian			
21436	Ventura	Simi Valley East	2355		Llajas Cyn area	18-F	old S Susanna Q		Miocene			
21437	Ventura	Simi Valley East	2356		Llajas Cyn area	18-H	old S Susanna Q		Luisian			
21438	Los Angeles	Simi Valley East	2357		Llajas Cyn area	18-F	old S Susanna Q		Llajas			
21439	Los Angeles	Simi Valley East	2358		Llajas Cyn area	18-F	old S Susanna Q		Luisian			
21440	Los Angeles	Simi Valley East	2359		Llajas Cyn area	18-F	old S Susanna Q		Lower Mohnian			
21441	Los Angeles	Simi Valley East	2362		Llajas Cyn area	18-F	old S Susanna Q		Lower Mohnian			
21442	Los Angeles	Simi Valley East	2363		Llajas Cyn area	18-F	old S Susanna Q		Lower Mohnian			
21443	Los Angeles	Simi Valley East	2364		Llajas Cyn area	18-F	old S Susanna Q		not diagnostic			
21444	Los Angeles	Simi Valley East	2365		Llajas Cyn area	18-F	old S Susanna Q		Upper Pliocene			
21445	Los Angeles	Simi Valley East	2367		Llajas Cyn area	18-F	old S Susanna Q		Miocene			
21446	Los Angeles	Simi Valley East	2368		Llajas Cyn area	18-F	old S Susanna Q		Lower Mohnian			
21447	Los Angeles	Simi Valley East	2369		Llajas Cyn area	18-F	old S Susanna Q		Eocene			
21448	Los Angeles	Simi Valley East	2370		Llajas Cyn area	18-F	old S Susanna Q		Eocene			
21449	Ventura	Simi Valley East	2377		Llajas Cyn area	18-F	old S Susanna Q		Lower Pliocene			
21450	Ventura	Simi Valley East	2378		Llajas Cyn area	18-F	old S Susanna Q		Llajas			
21451	Ventura	Simi Valley East	2380		Llajas Cyn area	18-F	old S Susanna Q		Miocene			
21452	Ventura	Simi Valley East	2383		Llajas Cyn area	18-F	old S Susanna Q		Eocene			
21453	Ventura	Simi Valley East	2384		Llajas Cyn area	18-F	old S Susanna Q		Eocene			
21454	Los Angeles	Simi Valley East	2385		Llajas Cyn area	18-F	old S Susanna Q		Eocene			
21455	Los Angeles	Simi Valley East	2386		Llajas Cyn area	18-F	old S Susanna Q		Eocene			
21456	Los Angeles	Simi Valley East	2387		Llajas Cyn area	18-F	old S Susanna Q		Miocene			
21457	Los Angeles	Simi Valley East	2388		Llajas Cyn area	18-F	old S Susanna Q		Mohnian			
21458	Ventura	Simi Valley East	2390		Llajas Cyn area	18-G	old S Susanna Q		Lower Mohnian			
21459	Ventura	Simi Valley East	2391		Llajas Cyn area	18-G	old S Susanna Q		Miocene			
21460	Ventura	Simi Valley East	2392		Llajas Cyn area	18-G	old S Susanna Q		Pliocene			
21461	Mendocino	Point Arena	2392		Arena Cove	120-H	Pt Arena 15'		Lower Miocene			
21462	Mendocino	Point Arena	2393		Arena Cove	120-H	Pt Arena 15'		Lower Miocene			
21463	Ventura	Simi Valley East	2393		Llajas Cyn area	18-G	old S Susanna Q		Luisian			
21464	Ventura	Simi Valley East	2394		Llajas Cyn area	18-G	old S Susanna Q		Pliocene			
21465	Mendocino	Point Arena	2394		Arena Cove	120-H	Pt Arena 15'		Lower Miocene			
21466	Mendocino	Point Arena	2395		Arena Cove	120-H	Pt Arena 15'		not diagnostic			
21467	Ventura	Simi Valley East	2395		Llajas Cyn area	18-G	old S Susanna Q		Upper Pliocene			
21468	Ventura	Simi Valley East	2396		Llajas Cyn area	18-G	old S Susanna Q		Miocene			
21469	Mendocino	Point Arena	2396		SE corner of quad	120-H	Pt Arena 15'		Lower Zemorrian			
21470	Ventura	Simi Valley East	2397		not on map but	18-G	quad name on slide		Pliocene			
21471	Kern	not found	2400		Santos Creek	82-D			no paleo info	Ivanhoe		
21472	Ventura	Simi Valley East	2400		not on map but	18-G	quad name on slide		Pliocene			
21473	Ventura	Simi Valley East	2401		not on map but	18-G	quad name on slide		Pliocene			
21474	Kern	Careros Rocks	2401		Santos Creek	82-D			no paleo info	Ivanhoe		
21475	Ventura	Simi Valley East	2402		not on map but	18-G	quad name on slide		not diagnostic			
21476	Kern	not found	2402		Santos Creek	82-D			no paleo info	Ivanhoe		
21477	Los Angeles	Oat Mountain	2408	bag 1	not on map but	18-G	quad name on slide		Eocene			
21478	Los Angeles	Oat Mountain	2408	bag 2	not on map but	18-G	quad name on slide		Eocene			
21479	Kern	Careros Rocks	2408		Santos Creek	82-D			Eocene	Ivanhoe		
21480	Los Angeles	Simi Valley East	2409		not on map but	18-G	quad name on slide		Lower Mohnian			
21481	Los Angeles	Oat Mountain	2409		not on map but	18-G	quad name on slide		Lower Mohnian			
21482	Kern	Careros Rocks	2409		Santos Creek	82-D			no paleo info	Ivanhoe		
21483	Kern	Careros Rocks	2410		Santos Creek	82-D			no paleo info	Ivanhoe		
21484	Los Angeles	Oat Mountain	2410		not on map but	18-G	quad name on slide		Eocene			
21485	Los Angeles	Oat Mountain	2411		not on map but	18-G	quad name on slide		Luisian			
21486	Kern	Careros Rocks	2412		Santos Creek	82-E			no paleo info	Ivanhoe		
21487	Los Angeles	Oat Mountain	2412		not on map but	18-G	quad name on slide		?Luisian			
21488	Los Angeles	Oat Mountain	2413		not on map but	18-G	quad name on slide		Paleocene			
21489	Los Angeles	Oat Mountain	2413	bag 1	not on map but	18-G	quad name on slide		Paleocene			
21490	Los Angeles	Oat Mountain	2413	bag 2	not on map but	18-G	quad name on slide		Paleocene			
21491	Los Angeles	Oat Mountain	2413		not on map but	18-G	quad name on slide		Paleocene			
21492	Kern	Careros Rocks	2413		Santos Creek	82-E			no paleo info	Ivanhoe		
21493	Los Angeles	Oat Mountain	2414		not on map but	18-G	quad name on slide		not diagnostic			
21494	Los Angeles	Oat Mountain	2414	rsampl	not on map but	18-G	quad name on slide		not diagnostic			
21495	Los Angeles	Oat Mountain	2415	rsampl	not on map but	18-G	quad name on slide		Eocene			
21496	Los Angeles	Oat Mountain	2415		not on map but	18-G	quad name on slide		Eocene			
21497	Kern	not found	2415		Santos Creek	82-E			no paleo info			
21498	Los Angeles	Oat Mountain	2416		not on map but	18-G	quad name on slide		barren			
21499	Los Angeles	Oat Mountain	2416	bag 1	not on map but	18-G	quad name on slide		barren			
21500	Los Angeles	Oat Mountain	2416	bag 2	not on map but	18-G	quad name on slide		barren			
21501	Los Angeles	Oat Mountain	2417		not on map but	18-G	quad name on slide		Paleocene			
21502	Kern	Las Yeguas Ranch	2418		NE corner of quad	82-E			no paleo info			
21503	Los Angeles	Oat Mountain	2418		not on map but	18-G	quad name on slide		Eocene			
21504	Los Angeles	Oat Mountain	2418	bag 2	not on map but	18-G	quad name on slide		Eocene			
21505	Los Angeles	Oat Mountain	2418	bag 1	not on map but	18-G	quad name on slide		Eocene			
21506	Los Angeles	Oat Mountain	2418	bag 3	not on map but	18-G	quad name on slide		Eocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
21507	Los Angeles	Oat Mountain	2419	bag 1	not on map but	18-G	quad name on slide		Eocene			
21508	Los Angeles	Oat Mountain	2419	bag 2	not on map but	18-G	quad name on slide		Eocene			
21509	Kern	Las Yeguas Ranch	2419		NE corner of quad	82-E			no paleo info			
21510	Kern	Las Yeguas Ranch	2420		Santos Creek	82-E			no paleo info			
21511	Los Angeles	Oat Mountain	2420		not on map but	18-G	quad name on slide		Eocene			
21512	Los Angeles	Oat Mountain	2420		not on map but	18-G	quad name on slide		Eocene			
21513	Kern	Las Yeguas Ranch	2421		NE corner of quad	82-E			no paleo info			
21514	Kern	Las Yeguas Ranch	2422		NE corner of quad	82-E			no paleo info	Ivanhoe		
21515	Los Angeles	Oat Mountain	2422		not on map but	18-G	quad name on slide		Eocene			
21516	Los Angeles	Oat Mountain	2422		not on map but	18-G	quad name on slide		Eocene			
21517	Los Angeles	Oat Mountain	2423		not on map but	18-G	quad name on slide		Eocene			
21518	Kern	Las Yeguas Ranch	2423		NE corner of quad	82-E			no paleo info	Ivanhoe		
21519	Los Angeles	Oat Mountain	2423		not on map but	18-G	quad name on slide		Eocene			
21520	Los Angeles	Oat Mountain	2424		not on map but	18-G	quad name on slide		Eocene			
21521	Kern	Las Yeguas Ranch	2425		not found	82-E			no paleo info	Ivanhoe		
21522	Kern	Las Yeguas Ranch	2426		not found	82-E			no paleo info	Ivanhoe		
21523	Kern	Careros Rocks	2430		Santos Creek	82-E			no paleo info	Ivanhoe		
21524	Kern	Careros Rocks	2431		Santos Creek	82-E			no paleo info	Ivanhoe		
21525	Kern	Careros Rocks	2432		Santos Creek	82-E			no paleo info	Ivanhoe		
21526	Kern	Careros Rocks	2433		Santos Creek	82-E			no paleo info	Ivanhoe		
21527	San Luis Obispo	Las Yeguas Ranch	2434		EC part of quad	82-E			no paleo info	Ivanhoe		
21528	Kern	Las Yeguas Ranch	2435		EC part of quad	82-E			no paleo info	Ivanhoe		
21529	Kern	Las Yeguas Ranch	2436		not found	82-E			no paleo info	Ivanhoe		
21530	Kern	Careros Rocks	2438		Santos Creek	82-E			no paleo info	Ivanhoe		
21531	Kern	Las Yeguas Ranch	2439		Santos Creek	82-E			no paleo info	Ivanhoe		
21532	Kern	Las Yeguas Ranch	2440		Santos Creek	82-E			no paleo info	Ivanhoe		
21533	Kern	Las Yeguas Ranch	2441		Santos Creek	82-E			no paleo info	Ivanhoe		
21534	Kern	Las Yeguas Ranch	2442		Santos Creek	82-E			no paleo info	Ivanhoe		
21535	Kern	Las Yeguas Ranch	2443		Santos Creek	82-E			no paleo info	Ivanhoe		
21536	Los Angeles	Oat Mountain	2443		not on map but	18-G	quad name on slide		Paleocene			
21537	Kern	Las Yeguas Ranch	2444		Santos Creek	82-E			no paleo info	Ivanhoe		
21538	Kern	Careros Rocks	2445		Santos Creek	82-E			no paleo info	Ivanhoe		
21539	Los Angeles	Oat Mountain	2445	129	not on map but	18-G	quad name on slide		no paleo info			
21540	Los Angeles	Oat Mountain	2446		not on map but	18-H	quad name on slide		no paleo info			
21541	Kern	Careros Rocks	2446		Santos Creek	82-E			no paleo info	Ivanhoe		
21542	Kern	Careros Rocks	2447		Santos Creek	82-E			no paleo info	Ivanhoe		
21543	Los Angeles	Oat Mountain	2447		not on map but	18-H	quad name on slide		no paleo info			
21544	Los Angeles	Oat Mountain	2448		not on map but	18-H	quad name on slide		no paleo info			
21545	Kern	Careros Rocks	2448		Santos Creek	82-E			no paleo info	Ivanhoe		
21546	Los Angeles	Oat Mountain	2449		not on map but	18-G	quad name on slide		no paleo info			
21547	Kern	Careros Rocks	2449		Santos Creek	82-E			no paleo info	Ivanhoe		
21548	Kern	Careros Rocks	2450		Santos Creek	82-E			no paleo info	Ivanhoe		
21549	Kern	Careros Rocks	2451		Santos Creek	82-E			no paleo info	Ivanhoe		
21550	Kern	Careros Rocks	2452		Santos Creek	82-E			no paleo info	Ivanhoe		
21551	Kern	Las Yeguas Ranch	2452		NE part of quad	82-E			no paleo info	Ivanhoe		
21552	Kern	Las Yeguas Ranch	2453		NE part of quad	82-E			no paleo info	Ivanhoe		
21553	Kern	Las Yeguas Ranch	2454		NE part of quad	82-E			no paleo info	Ivanhoe		
21554	Kern	Careros Rocks	2457		Santos Creek	82-E			no paleo info	Ivanhoe		
21555	Kern	Las Yeguas Ranch	2460		NE corner of quad	82-E			no paleo info	Ivanhoe		
21556	Kern	Las Yeguas Ranch	2461		NE corner of quad	82-E			no paleo info	Ivanhoe		
21557	Santa Clara	Cupertino	2465		SW corner of quad	115-E		has planktics	not diagnostic	Solari		
21558	Santa Cruz	Castle Rock Ridge	2466		Beatty Ridge	115-E		has planktics	not diagnostic			
21559	Santa Clara	Cupertino	2467		SW corner of quad	115-E	7/8S/2W (SLP)		Miocene			
21560	San Mateo	Woodside	2468		W of Skeggs Point	115-E	17/6S/4W (SLP)		Upper Eocene	Classen		
21561	San Mateo	Woodside	2469		Tunitas Creek Rd	115-E	23/6S/5W (SLP)		not diagnostic	Classen		
21562	San Mateo	Palo Alto	2471		near woodside Rd	115-F	abun planktics	see #1357	Eocene	Classen		
21563	San Mateo	Palo Alto	2472		E of Woodside	115-F	8/6S/3W (SLP)	see #1357	Eocene A-2 zone	Classen		
21564	San Mateo	Palo Alto	2473		E of Woodside	115-F	8/6S/3W (SLP)		Eocene A-2 zone	Classen		
21565	San Mateo	Palo Alto	2474		E of Woodside	115-F	8/6S/3W (SLP)		Eocene A-2 zone	Classen		
21566	Los Angeles	Van Nuys	2476		in Encino	14-N			U Mohanian			
21567	San Mateo	Palo Alto	2476		E of Woodside	115-F	8/6S/3W (SLP)		Eocene A-2 zone	Classen		
21568	San Mateo	Palo Alto	2477		E of Woodside	115-F	8/6S/3W (SLP)		Eocene A-2 zone	Classen		
21569	San Mateo	Palo Alto	2478		E of Woodside	115-F	8/6S/3W (SLP)		Eocene A-2 zone	Classen		
21570	Santa Barbara	Gaviota	2479		N of Gaviota	22-A			no paleo info			
21571	San Mateo	La Honda	2481		San Gregorio Cree	115-E	S Cruz 1:125K	13/7S/5W	Pliocene	Classen		
21572	Santa Barbara	Gaviota	2481		N of Gaviota	22-A			no paleo info			
21573	San Mateo	San Gregorio	2482		SE part of quad	115-E	34/7S/5W (SLP)		Miocene/Pliocene	Classen		
21574	Santa Barbara	Gaviota	2483		Hyw 101 area	22-A			no paleo info			
21575	Santa Barbara	Solvang	2488		1 mi NE L Cruces	29-H			U Eocene A zone			
21576	Santa Barbara	Solvang	2489		2 mi NE L Cruces	29-H			U Eocene A zone			
21577	Santa Barbara	Solvang	2490		3 mi NE L Cruces	29-H			U Eocene A zone			
21578	Santa Barbara	Solvang	2491		4 mi NE L Cruces	29-H			U Eocene A zone			
21579	Santa Barbara	Solvang	2492		5 mi NE L Cruces	29-H			U Eocene A zone			
21580	Solano	Denverton	2493	A	Bradmoor Island	24-F	13/4N/1W (SLP)		barren	Solari		
21581	Solano	Denverton	2493	B	Bradmoor Island	24-F	Kirby Hills cut	rare rads	Eocene?	Solari		
21582	Solano	Denverton	2493	C	Bradmoor Island	24-F			barren	Solari		
21583	Santa Barbara	Solvang	2493		1 mi NE L Cruces	29-H			U Eocene A zone			
21584	Santa Barbara	Solvang	2494		2 mi NE L Cruces	29-H			U Eocene A zone			
21585	Santa Barbara	Solvang	2495		3 mi NE L Cruces	29-H			U Eocene A zone			
21586	Santa Barbara	Solvang	2496		4 mi NE L Cruces	29-H			U Eocene A zone			
21587	Santa Barbara	Solvang	2497		5 mi NE L Cruces	29-H			U Eocene A zone			
21588	Santa Barbara	Solvang	2498		6 mi NE L Cruces	29-H			U Eocene A zone			
21589	Santa Barbara	Solvang	2499		7 mi NE L Cruces	29-H			U Eocene A zone			
21590	Santa Barbara	Solvang	2500		Nojoqui Grade	29-H			U Eocene A zone			
21591	Santa Barbara	Solvang	2501		Nojoqui Grade	69-I			no paleo info			

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGE	COLLECTORS		
21592	Santa Barbara	Solvang	2502		Nojoqui Grade	69-I			Paleocene E zone			
21593	Santa Barbara	Gaviota	2503		S of Gaviota Pass	69-I			Eocene			
21594	Santa Barbara	Solvang	2505		Live Oak Ranch	69-I	has Discocyclina		Eocene			
21595	Santa Barbara	Solvang	2506		Live Oak Ranch	69-I			U Eocene A zone			
21596	Santa Barbara	Solvang	2507		Live Oak Ranch	69-I			not diagnostic			
21597	Santa Barbara	Gaviota	2510		Hwy 101 area	22-A			Miocene			
21598	Santa Barbara	Gaviota	2512		Hwy 101 area	22-A			Miocene			
21599	Santa Barbara	Gaviota	2513		Hwy 101 area	22-A			Miocene			
21600	Santa Barbara	Gaviota	2514		Hwy 101 area	22-A			Miocene			
21601	Santa Barbara	Gaviota	2515		Hwy 101 area	22-A			Miocene			
21602	Santa Barbara	Gaviota	2516		Hwy 101 area	22-A			Miocene			
21603	Santa Barbara	Gaviota	2517		Hwy 101 area	22-A			Miocene			
21604	Santa Barbara	Gaviota	2518		Hwy 101 area	22-A			Miocene			
21605	Santa Barbara	Gaviota	2519		Hwy 101 area	22-A			Miocene			
21606	Santa Barbara	Lompoc Hills	2520		Jalama Road	69-I			not diagnostic			
21607	Santa Barbara	Lompoc Hills	2522		Jalama Road	69-I			barren			
21608	Santa Barbara	Lompoc Hills	2523		Jalama Road	69-I	see also SB	Lompoc Hills	M Eocene A-2 zone			
21609	Santa Barbara	Lompoc Hills	2524		Jalama Road	69-I	see also SB	Lompoc Hills	M Eocene A-2 zone			
21610	Santa Barbara	Lompoc Hills	2526		Jalama Road	69-I	see also SB	Lompoc Hills	Cretaceous?			
21611	Santa Barbara	Lompoc Hills	2527		Jalama Road	69-I			Upper Cretaceous			
21612	Santa Barbara	Lompoc Hills	2527		Jalama Road	33-G			Upper Cretaceous			
21613	Santa Barbara	Lompoc Hills	2527	slide 1	Jalama Road	none	glass slide		no paleo info			
21614	Santa Barbara	Lompoc Hills	2528		Jalama Road	69-I			Eocene			
21615	Santa Barbara	Lompoc Hills	2530		Jalama Road	69-I			Lower Relizian			
21616	Kern	Elkhorn Hills	2530		NE part of quad	104-E		rich fauna	no paleo info	Dubinsky		
21617	Santa Barbara	Lompoc Hills	2531		Jalama Road	69-I			Lower Relizian			
21618	Santa Barbara	Lompoc Hills	2533		Jalama Road	69-I			barren			
21619	Kern	Elkhorn Hills	2533		NE part of quad	104-E		rich fauna	no paleo info	Dubinsky		
21620	Santa Barbara	Lompoc Hills	2534		Jalama Road	69-I			barren			
21621	Kern	Elkhorn Hills	2534		NE part of quad	104-E			no paleo info	Dubinsky		
21622	Kern	Elkhorn Hills	2535		NE part of quad	104-E		rich fauna	no paleo info	Dubinsky		
21623	Santa Barbara	Lompoc Hills	2535		Jalama Road	69-I			Upper Cretaceous			
21624	Kern	Elkhorn Hills	2536		NE part of quad	104-E			no paleo info	Dubinsky		
21625	Santa Barbara	Santa Ynez	2537		center of quad	69-I	Los Olivos 15'		Miocene			
21626	Kern	Elkhorn Hills	2537		NE part of quad	104-E			no paleo info	Dubinsky		
21627	Santa Barbara	Santa Ynez	2538		center of quad	69-I	Los Olivos 15'		Miocene			
21628	San Luis Obispo	Elkhorn Hills	2538		NE part of quad	104-E			no paleo info	Dubinsky		
21629	San Luis Obispo	Elkhorn Hills	2539		NE part of quad	104-E			no paleo info	Dubinsky		
21630	Santa Barbara	Santa Ynez	2539		center of quad	69-I	Los Olivos 15'		barren			
21631	Santa Barbara	Santa Ynez	2540		center of quad	69-I	Los Olivos 15'		barren			
21632	Kern	Elkhorn Hills	2540		NE part of quad	104-E			no paleo info	Dubinsky		
21633	Kern	Elkhorn Hills	2541		NE part of quad	104-E			no paleo info	Dubinsky		
21634	Santa Barbara	Santa Ynez	2541		center of quad	69-I	Los Olivos 15'		Lower Relizian			
21635	Santa Barbara	Santa Ynez	2542		center of quad	69-I	Los Olivos 15'		Luisian			
21636	Kern	Elkhorn Hills	2542		NE part of quad	104-E			no paleo info	Dubinsky		
21637	Kern	Elkhorn Hills	2543		NE part of quad	104-E			no paleo info	Dubinsky		
21638	Santa Barbara	Santa Ynez	2543		center of quad	69-I	Los Olivos 15'		no paleo info			
21639	Santa Barbara	Santa Ynez	2544		center of quad	69-I	Los Olivos 15'		no paleo info			
21640	Kern	Elkhorn Hills	2544		NE part of quad	104-E			no paleo info	Dubinsky		
21641	Santa Barbara	Santa Ynez	2544		center of quad	69-I	Los Olivos 15'		no paleo info			
21642	Santa Barbara	Santa Ynez	2545		center of quad	69-I	Los Olivos 15'		U Eocene A zone			
21643	Santa Barbara	Santa Ynez	2546		Refugio Pass area	69-I	Los Olivos 15'		not diagnostic			
21644	Santa Barbara	Santa Ynez	2547		Refugio Pass area	69-I	Los Olivos 15'		no paleo info			
21645	Kern	Elkhorn Hills	2547		NE part of quad	104-E			no paleo info	Dubinsky		
21646	Santa Barbara	Solvang	2548		Canada de Gaviota	69-I			no paleo info			
21647	Kern	Elkhorn Hills	2548		NE part of quad	104-E			no paleo info	Dubinsky		
21648	Kern	Elkhorn Hills	2549		NE part of quad	104-E			no paleo info	Dubinsky		
21649	Santa Barbara	Sacate	2549		Can Santa Anita	22-B			no paleo info			
21650	Santa Barbara	Sacate	2550		Can Santa Anita	22-B			no paleo info			
21651	Santa Barbara	Sacate	2551		Can Santa Anita	22-B			no paleo info			
21652	Santa Barbara	Sacate	2552		Can Santa Anita	22-B			no paleo info			
21653	Santa Barbara	Sacate	2553		Can Santa Anita	22-B			no paleo info			
21654	Santa Barbara	Sacate	2554		Can Santa Anita	22-B			no paleo info			
21655	Santa Barbara	Rancho Nuevo Creek	2555		SW part of quad	22-B			no paleo info			
21656	Santa Barbara	Rancho Nuevo Creek	2556		SW part of quad	22-B			no paleo info			
21657	Santa Barbara	Sacate	2557		Can Santa Anita	22-B			no paleo info			
21658	Santa Barbara	Sacate	2558		Can Santa Anita	22-B			no paleo info			
21659	Santa Barbara	Sacate	2559		Can Santa Anita	22-B			no paleo info			
21660	Santa Barbara	Sacate	2560		Can Santa Anita	22-B			no paleo info			
21661	Kern	Orchard Peak	2561		Polonio Pass	89-K	Orchard Peak 15'	see # 2748	no paleo info	Cook		
21662	Santa Barbara	Sacate	2561		Can Santa Anita	22-B			no paleo info			
21663	Santa Barbara	Sacate	2562		Can Santa Anita	22-B			no paleo info			
21664	Kern	Orchard Peak	2562		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
21665	Kern	Orchard Peak	2563		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
21666	Santa Barbara	Sacate	2563		Can Santa Anita	22-B			no paleo info			
21667	Santa Barbara	Sacate	2564		Can Santa Anita	22-B			no paleo info			
21668	Kern	Orchard Peak	2564		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
21669	Kern	Orchard Peak	2565		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
21670	Santa Barbara	Sacate	2565		Can Santa Anita	22-B			no paleo info			
21671	Kern	Orchard Peak	2566		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
21672	Kern	Orchard Peak	2566	A	Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
21673	Santa Barbara	Sacate	2566		Can Santa Anita	22-B			no paleo info			
21674	Santa Barbara	Sacate	2567		Can Santa Anita	22-B			no paleo info			
21675	Kern	Orchard Peak	2567		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
21676	Kern	Orchard Peak	2568		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
21677	Santa Barbara	Sacate	2568		Can Santa Anita	22-B			no paleo info			
21678	Santa Barbara	Sacate	2569		Can Santa Anita	22-B			no paleo info			
21679	Kern	Orchard Peak	2569		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
21680	Kern	Orchard Peak	2570	A	Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
21681	Kern	Orchard Peak	2570	B	Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
21682	Santa Barbara	Sacate	2570		Can Santa Anita	22-B			no paleo info			
21683	Ventura	Simi Valley East	2571		Las Lajas Canyon	18-H			no paleo info			
21684	Kern	Orchard Peak	2571		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
21685	Kern	Orchard Peak	2572		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
21686	Ventura	Simi Valley East	2572		Las Lajas Canyon	18-H			no paleo info			
21687	Ventura	Simi Valley East	2573		Las Lajas Canyon	33-F			no paleo info			
21688	Kern	Orchard Peak	2573		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
21689	Kern	Orchard Peak	2574		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
21690	Ventura	Simi Valley East	2574		Las Lajas Canyon	33-F			no paleo info			
21691	Ventura	Simi Valley East	2575		Las Lajas Canyon	33-F			no paleo info			
21692	Ventura	Simi Valley East	2576		Las Lajas Canyon	33-F			no paleo info			
21693	Kern	Orchard Peak	2576		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
21694	Kern	Orchard Peak	2577		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
21695	Ventura	Simi Valley East	2577		Las Lajas Canyon	33-F		age from	Paleocene D zone			
21696	Ventura	Simi Valley East	2578		Las Lajas Canyon	33-F		Weaver 1944	Paleocene D zone			
21697	Ventura	Simi Valley East	2579		Las Lajas Canyon	33-F		have strat	Paleocene D zone			
21698	Ventura	Simi Valley East	2580		Las Lajas Canyon	33-F		column - see	Paleocene D zone			
21699	Ventura	Simi Valley East	2581		Las Lajas Canyon	33-F		lot 126	Paleocene D zone			
21700	Ventura	Simi Valley East	2582		Las Lajas Canyon	33-F			Paleocene D zone			
21701	Ventura	Simi Valley East	2583		Las Lajas Canyon	33-F			Paleocene D zone			
21702	Ventura	Simi Valley East	2584		Las Lajas Canyon	33-F		age from	Paleocene D zone			
21703	Ventura	Simi Valley East	2585		Las Lajas Canyon	33-F		Weaver 1944	Paleocene D zone			
21704	Ventura	Simi Valley East	2586		Las Lajas Canyon	33-F			Paleocene D zone			
21705	Ventura	Simi Valley East	2587		Las Lajas Canyon	33-F			Paleocene D zone			
21706	Los Angeles	Simi Valley East	2588		Las Lajas Canyon	33-F			no paleo info			
21707	Los Angeles	Simi Valley East	2589		Las Lajas Canyon	33-F			Pliocene			
21708	Los Angeles	Simi Valley East	2590		Las Lajas Canyon	33-F			Pliocene			
21709	Los Angeles	Simi Valley East	2591		Las Lajas Canyon	33-F			Pliocene			
21710	Kern	Las Yeguas Ranch	2592		McLean Spring	5-H			no paleo info	Gealey &		
21711	Los Angeles	Simi Valley East	2592		Las Lajas Canyon	33-F			Pliocene			
21712	Los Angeles	Simi Valley East	2593		Las Lajas Canyon	33-F			Pliocene			
21713	Kern	Eagle Rest Peak	2593		San Emidio Canyon	87-F			no paleo info	Webb &		
21714	Kern	Eagle Rest Peak	2594		San Emidio Canyon	87-F			no paleo info	Webb &		
21715	Los Angeles	Simi Valley East	2594		not found	33-F	see also #2790		no paleo info			
21716	Los Angeles	Simi Valley East	2595		Las Lajas Canyon	33-F			no paleo info			
21717	Riverside	Myoma	2596		NW part of quad	33-F	Thousand Palms 15'		no paleo info			
21718	Kern	Eagle Rest Peak	2596		San Emidio Canyon	87-F			no paleo info	Webb &		
21719	Santa Barbara	Salisbury Potrero	2601		NW part of quad	89-L	Salisbury Cyn 15'		U Zemorrian	Papp & Cook		
21720	Santa Barbara	Salisbury Potrero	2603		NW part of quad	89-L	Salisbury Cyn 15'		Zemorrian	Papp & Cook		
21721	Santa Barbara	Salisbury Potrero	2604		NW part of quad	89-L	Salisbury Cyn 15'		Zemorrian?	Papp & Cook		
21722	Santa Barbara	Salisbury Potrero	2605		NW part of quad	89-L	Salisbury Cyn 15'		not diagnostic	Papp & Cook		
21723	Santa Barbara	Salisbury Potrero	2606		NW part of quad	89-L	Salisbury Cyn 15'		Saucesian	Papp & Cook		
21724	Santa Barbara	Salisbury Potrero	2608		NW part of quad	89-L	Salisbury Cyn 15'		Saucesian?	Papp & Cook		
21725	Santa Barbara	Salisbury Potrero	2609		NW part of quad	89-L	Salisbury Cyn 15'		not diagnostic	Papp & Cook		
21726	Santa Barbara	Salisbury Potrero	2611		NW part of quad	89-L	Salisbury Cyn 15'		barren	Papp & Cook		
21727	Kern	Ballinger Canyon	2615		Klipstein Ranch	89-L		abun forams	no paleo info			
21728	Ventura	Piru	2623	L	West of Piru	89-M			no paleo info	Papp		
21729	Ventura	Piru	2623	N	West of Piru	89-M			no paleo info	Papp		
21730	Ventura	Piru	2623	O	West of Piru	89-M			no paleo info	Papp		
21731	Ventura	Piru	2623	P	West of Piru	89-M			no paleo info	Papp		
21732	Ventura	Piru	2624		West of Piru	89-M			no paleo info	Papp		
21733	Los Angeles	Val Verde	2625		center of quad	89-M			no paleo info	Papp		
21734	Los Angeles	Val Verde	2628		center of quad	89-M			no paleo info	Cook		
21735	Los Angeles	Val Verde	2629		center of quad	89-M			no paleo info	Cook		
21736	Los Angeles	Val Verde	2630	B	center of quad	89-M			no paleo info	Cook		
21737	Los Angeles	Val Verde	2630	C	center of quad	89-M			no paleo info	Cook		
21738	Ventura	Val Verde	2631		SC part of quad	89-M			no paleo info	Cook		
21739	Kern	Ballinger Canyon	2631		Ridge 4057	31-N			barren			
21740	Ventura	Val Verde	2632		SC part of quad	89-M			no paleo info	Cook		
21741	Kern	Ballinger Canyon	2632		Ridge 4057	31-N			indeterminate			
21742	Ventura	Val Verde	2633		SC part of quad	31-K			no paleo info			
21743	Ventura	Val Verde	2634		Mayo spur area	31-K			no paleo info			
21744	Ventura	Val Verde	2635		Mayo spur area	31-K			no paleo info			
21745	Kern	McKittrick Summit	2643		NW corner of quad	89-M			Oat Mtn	Cook		
21746	Kern	McKittrick Summit	2644		NW corner of quad	89-M			no paleo info	Cook		
21747	San Luis Obispo	McKittrick Summit	2645		NW corner of quad	89-M			no paleo info	Cook		
21748	San Luis Obispo	McKittrick Summit	2645		NW corner of quad	125-J			no paleo info	Cook		
21749	San Luis Obispo	McKittrick Summit	2646		NW corner of quad	89-M			no paleo info	Cook		
21750	San Luis Obispo	McKittrick Summit	2647		NW corner of quad	89-M			no paleo info	Cook		
21751	San Luis Obispo	McKittrick Summit	2648		NW corner of quad	89-M			no paleo info	Cook		
21752	San Luis Obispo	New Cuyama	2651		NE part of quad	89-M	Salisbury Cyn 15'		no paleo info	Papp		
21753	Los Angeles	Val Verde	2651		Mayo spur area	31-K			no paleo info			
21754	Los Angeles	Val Verde	2651	A	Mayo spur area	37-E			no paleo info			
21755	Los Angeles	Val Verde	2751	B	Mayo spur area	37-E			no paleo info			
21756	Los Angeles	Val Verde	2651	C	Mayo spur area	37-E			no paleo info			
21757	Los Angeles	Val Verde	2751	D	Mayo spur area	37-E			no paleo info			
21758	Los Angeles	Val Verde	2651	E	Mayo spur area	37-E			no paleo info			
21759	Los Angeles	Val Verde	2651	RS	Mayo spur area	37-E			no paleo info			
21760	Los Angeles	Val Verde	2652	A	Mayo spur area	37-E			no paleo info			
21761	Los Angeles	Val Verde	2652	B	Mayo spur area	37-E			no paleo info			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
21762	Los Angeles	Val Verde	2652	1	Mayo spur area	31-K			no paleo info			
21763	Los Angeles	Val Verde	2652	2	Mayo spur area	31-K			no paleo info			
21764	Los Angeles	Val Verde	2652	3	Mayo spur area	31-K			no paleo info			
21765	Los Angeles	Val Verde	2653		Mayo spur area	37-E			no paleo info			
21766	Los Angeles	Val Verde	2653	A	Mayo spur area	37-E			no paleo info			
21767	Los Angeles	Val Verde	2653	B	Mayo spur area	37-E			no paleo info			
21768	San Luis Obispo	New Cuyama	2655		NW part of quad	89-M	Salisbury Cyn 15'		no paleo info	Papp		
21769	San Luis Obispo	Cuyama	2658		NW part of quad	89-M	Salisbury Cyn 15'		no paleo info	Papp		
21770	Ventura	Piru	2659		EC part of quad	37-E			no paleo info			
21771	Ventura	Piru	2659	2	EC part of quad	37-E			no paleo info			
21772	Ventura	Piru	2659	D-4	EC part of quad	37-E			no paleo info			
21773	Ventura	Piru	2659	3	EC part of quad	37-E			no paleo info			
21774	Ventura	Piru	2659	D-3	EC part of quad	37-E			no paleo info			
21775	Ventura	Piru	2659	D	EC part of quad	37-E			no paleo info			
21776	Ventura	Val Verde	2663		Holser Cyn area	37-E			no paleo info			
21777	Ventura	Val Verde	2664		Tapo Canyon	35-N			no paleo info			
21778	Ventura	Val Verde	2665		Tapo Canyon	35-N			no paleo info			
21779	San Luis Obispo	Ballinger Canyon	2665		SW of Camp Dix	89-M			no paleo info			
21780	Ventura	Val Verde	2666		Tapo Canyon	35-N			no paleo info			
21781	San Luis Obispo	Ballinger Canyon?	2667		Cuyama area	89-M			no paleo info			
21782	Ventura	Val Verde	2667		Tapo Canyon	35-N			no paleo info			
21783	Ventura	Val Verde	2667	2	Tapo Canyon	35-N			no paleo info			
21784	Ventura	Val Verde	2668		Tapo Canyon	35-N			no paleo info			
21785	Ventura	Val Verde	2668	A	Tapo Canyon	35-N			no paleo info			
21786	Ventura	Val Verde	2668	B	Tapo Canyon	35-N			no paleo info			
21787	Ventura	Val Verde	2668	C	Tapo Canyon	35-N			no paleo info			
21788	San Luis Obispo	Ballinger Canyon?	2668		not on map	89-M			no paleo info	Papp		
21789	Ventura	Val Verde	2669		not found	35-N			no paleo info			
21790	San Luis Obispo	Taylor Canyon	2677		NC part of quad	89-M	Caliente Mtn 15'		no paleo info	Papp		
21791	San Luis Obispo	Chimineas Ranch	2680		not found	89-M	Caliente Mtn 15'	Caliente Rang	no paleo info	Staples		
21792	San Luis Obispo	Chimineas Ranch	2681		Salto Canyon	89-M	Caliente Mtn 15'	on slide	no paleo info	Staples		
21793	San Luis Obispo	Chimineas Ranch	2683		Salto Canyon	94-I	Caliente Mtn 15'		no paleo info	Staples		
21794	San Luis Obispo	Chimineas Ranch	2684		Salto Canyon	94-I	Caliente Mtn 15'	Chimineas on	no paleo info	Papp		
21795	San Luis Obispo	Chimineas Ranch	2685		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
21796	San Luis Obispo	Chimineas Ranch	2686		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
21797	San Luis Obispo	Chimineas Ranch	2687		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
21798	San Luis Obispo	Chimineas Ranch	2688		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
21799	San Luis Obispo	Chimineas Ranch	2689		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
21800	San Luis Obispo	Chimineas Ranch	2690		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
21801	San Luis Obispo	Chimineas Ranch	2691		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
21802	San Luis Obispo	Chimineas Ranch	2692		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
21803	San Luis Obispo	Chimineas Ranch	2693		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
21804	San Luis Obispo	Chimineas Ranch	2694		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
21805	San Luis Obispo	Chimineas Ranch	2695		Chimeneas Ranch	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
21806	San Luis Obispo	Chimineas Ranch	2696		Chimeneas Ranch	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
21807	San Luis Obispo	Chimineas Ranch	2697		Chimeneas Ranch	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
21808	Ventura	Ballinger Canyon	2700		SE part of quad	89-M		age from map	not diagnostic	Papp		
21809	Kern	Santiago Creek	2701		SC part of quad	89-M		age from map	Saucesian	Papp		
21810	San Luis Obispo	Orchard Peak	2702		Polonio Pass	89-J	Orchard Peak 15'		no paleo info	Cook &		
21811	San Luis Obispo	Orchard Peak	2703		Polonio Pass	89-J	Orchard Peak 15'		no paleo info	Cook &		
21812	San Luis Obispo	Orchard Peak	2704		Polonio Pass	89-J	Orchard Peak 15'		no paleo info	Cook &		
21813	San Luis Obispo	Orchard Peak	2705		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21814	San Luis Obispo	Orchard Peak	2708		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21815	San Luis Obispo	Orchard Peak	2709		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21816	San Luis Obispo	Orchard Peak	2712	A	Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21817	San Luis Obispo	Orchard Peak	2712	B	Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21818	San Luis Obispo	Orchard Peak	2712	C	Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21819	San Luis Obispo	Orchard Peak	2713		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21820	San Luis Obispo	Orchard Peak	2714		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21821	San Luis Obispo	Orchard Peak	2715		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21822	San Luis Obispo	Orchard Peak	2716		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21823	San Luis Obispo	Orchard Peak	2717		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21824	San Luis Obispo	Orchard Peak	2718		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21825	San Luis Obispo	Orchard Peak	2719		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21826	San Luis Obispo	Orchard Peak	2721		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21827	San Luis Obispo	Orchard Peak	2722		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21828	San Luis Obispo	Orchard Peak	2724		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21829	San Luis Obispo	Orchard Peak	2725		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21830	San Luis Obispo	Orchard Peak	2727		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21831	San Luis Obispo	Orchard Peak	2728		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21832	San Luis Obispo	Orchard Peak	2729		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21833	San Luis Obispo	Orchard Peak	2730		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21834	San Luis Obispo	Orchard Peak	2731		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21835	San Luis Obispo	Orchard Peak	2732		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21836	San Luis Obispo	Orchard Peak	2733		Polonio Pass	89-K	Orchard Peak 15'	Have NP but	have NP list on ca	Cook &		
21837	San Luis Obispo	Orchard Peak	2733	B	Polonio Pass	89-K	Orchard Peak 15'	not sure from	have NP list on ca	Cook &		
21838	San Luis Obispo	Orchard Peak	2734		Polonio Pass	89-K	Orchard Peak 15'	this slide set.	have NP list on ca	Cook &		
21839	San Luis Obispo	Las Yeguas Ranch	2735		not found	73-D	sa #2772	good fauna	have NP list on ca	Bahr		
21840	San Luis Obispo	Orchard Peak	2736		Polonio Pass	89-K	Orchard Peak 15'		have NP list on ca	Cook &		
21841	San Luis Obispo	Orchard Peak	2737		Polonio Pass	89-K	Orchard Peak 15'		have NP list on ca	Cook &		
21842	San Luis Obispo	Orchard Peak	2740		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21843	San Luis Obispo	Orchard Peak	2743		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21844	San Luis Obispo	Orchard Peak	2744		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
21845	San Luis Obispo	Orchard Peak	2745		Polonio Pass	89-K	Orchard Peak 15'		have NP list on ca	Cook &		
21846	San Luis Obispo	Orchard Peak	2746		Polonio Pass	89-K	Orchard Peak 15'		have NP list on ca	Cook &		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
21847	San Luis Obispo	Orchard Peak	2747		Polonio Pass	89-K	Orchard Peak 15'		have NP list on ca	Cook &		
21848	San Luis Obispo	Orchard Peak	2748		Polonio Pass	89-K	Orchard Peak 15'	sa #2561	have NP list on ca	Cook &		
21849	San Luis Obispo	Orchard Peak	2749		Polonio Pass	89-K	Orchard Peak 15'		have NP list on ca	Cook &		
21850	Kern	Panorama Hills	2751		SW of Dabney Cyr	98-F			have NP list on ca	Gealey		
21851	Kern	Panorama Hills	2752		SW of Dabney Cyr	98-F			no paleo info	Gealey		
21852	Kern	Panorama Hills	2757		SW of Dabney Cyr	98-F			no paleo info	Owens		
21853	Kern	Panorama Hills	2758		SW of Dabney Cyr	98-F			no paleo info	Owens		
21854	Kern	Panorama Hills	2759		SW of Dabney Cyr	98-F			no paleo info	Owens		
21855	Kern	Panorama Hills	2760		SW of Dabney Cyr	98-F	also has # 2952		no paleo info	Owens		
21856	Kern	Panorama Hills	2761		not found	98-F			no paleo info	Owens		
21857	Riverside	Cabazon	2770		Lion Canyon	26-K	San Jacinto 15'	Imperial Fm	good fauna			
21858	Kern	Las Yeguas Ranch	2772		NE part of quad	73-D			no paleo info	Bahr		
21859	San Luis Obispo	Branch Mountain	2776		Barrett Creek	94-I	Branch Mtn 15'		no paleo info	Papp &		
21860	San Luis Obispo	Branch Mountain	2777		Barrett Creek	94-I	Branch Mtn 15'		no paleo info	Papp &		
21861	San Luis Obispo	Branch Mountain	2778		Barrett Creek	94-I	Branch Mtn 15'		no paleo info	Papp &		
21862	San Luis Obispo	Branch Mountain	2779		Barrett Creek	94-I	Branch Mtn 15'		no paleo info	Papp &		
21863	Ventura	Val Verde	2780		Tapo Canyon	33-E			no paleo info			
21864	Ventura	Val Verde	2781		Tapo Canyon	33-E			no paleo info			
21865	San Luis Obispo	California Valley	2781		Buckhorn Canyon	94-I	La Panza 15'		no paleo info	Papp &		
21866	San Luis Obispo	California Valley?	2782		not found	94-I	La Panza 15'		no paleo info	Papp &		
21867	Ventura	Val Verde	2782		Mayo Spur area	33-E			no paleo info			
21868	San Luis Obispo	Branch Mountain	2783		Carissa Ranch	94-I	Branch Mtn 15'		no paleo info	Papp &		
21869	Los Angeles	Val Verde	2783		Mayo Spur area	33-E			no paleo info			
21870	Los Angeles	Val Verde	2784		Mayo Spur area	33-E			no paleo info			
21871	San Luis Obispo	Branch Mountain	2784		Carissa Ranch	94-I	Branch Mtn 15'		no paleo info	Papp &		
21872	San Luis Obispo	Chimineas Ranch	2785		NW corner of quad	94-I	Caliente Mtn 15'		no paleo info	Papp &		
21873	Los Angeles	Val Verde	2785		Mayo Spur area	33-E			no paleo info			
21874	San Luis Obispo	California Valley	2786		Piletas Canyon	94-I	La Panza 15'		no paleo info	Papp &		
21875	Los Angeles	Val Verde	2786		S Martinez G Cyn	33-E			no paleo info			
21876	San Luis Obispo	La Panza	2787		Piletas Canyon	94-I	La Panza 15'		no paleo info	Papp &		
21877	Ventura	Val Verde	2788		Mayo Spur area	33-E			no paleo info			
21878	Ventura	Val Verde	2789		Mayo Spur area	33-E			no paleo info			
21879	San Luis Obispo	Chimineas Ranch	2789		Salto Canyon	94-I	Caliente Mtn 15'		no paleo info	Colb		
21880	Riverside	Myoma	2790		NW part of quad	33-F	Thousand Palm 15'	has # 2594	no paleo info			
21881	Riverside	Seven Palms Valley	2791		SE part of quad	85-L	Thousand Palm 15'		no paleo info			
21882	Riverside	Seven Palms Valley	2791	2	SE part of quad	85-L	Thousand Palm 15'		no paleo info			
21883	Riverside	Seven Palms Valley	2791	U	SE part of quad	85-L	Thousand Palm 15'		no paleo info			
21884	San Luis Obispo	Chimineas Ranch	2792		SE part of quad	94-I	Caliente Mtn 15'	age from map	Middle Miocene	Colb		
21885	Riverside	Seven Palms Valley	2793		SE part of quad	85-L	Thousand Palm 15'		no paleo info			
21886	San Luis Obispo	Painted Rock	2794		SW part of quad	94-I	Caliente Mtn 15'		not diagnostic	Papp & Sta.		
21887	Riverside	Seven Palms Valley	2794		SE part of quad	85-L	Thousand Palm 15'		no paleo info			
21888	Riverside	Seven Palms Valley	2795		SE part of quad	85-L	Thousand Palm 15'		no paleo info			
21889	San Luis Obispo	Painted Rock	2795		SW part of quad	94-I	Caliente Mtn 15'		not diagnostic	Papp & Sta.		
21890	San Luis Obispo	Caliente Mountain	2796		NW part of quad	94-I	Caliente Rnge.		no paleo info	Papp & Sta.		
21891	Riverside	Myoma	2796		NW part of quad	85-L	Thousand Palm 15'		no paleo info			
21892	San Luis Obispo	Caliente Mountain	2797		NW part of quad	94-I	Caliente Rnge.	has # 2850	no paleo info	Papp & Sta.		
21893	Imperial	Yuha Basin	2797		NW part of quad	85-L			no paleo info			
21894	Imperial	Yuha Basin	2797	2	NW part of quad	85-L			no paleo info			
21895	Riverside	Seven Palms Valley	2798		SE part of quad	85-L	Thousand Palm 15'		no paleo info			
21896	Riverside?	Seven Palms Valley?	2799		not found	85-L			no paleo info			
21897	San Luis Obispo	Caliente Mountain	2799		NW part of quad	94-I	Caliente Rnge.		no paleo info	Papp & Sta.		
21898	Santa Barbara	Santa Rosa Hills	2802		Amoles Creek	69-I			U Eocene A zone			
21899	Santa Barbara	Santa Rosa Hills	2807		Amoles Creek	69-I			Paleocene			
21900	Santa Barbara	Santa Rosa Hills	2808		Amoles Creek	69-I			U Cret D-2 zone			
21901	Santa Barbara	Santa Rosa Hills	2809		Amoles Creek	69-I	sa Lompoc Hills		U Cret F-1 zone			
21902	Santa Barbara	Santa Rosa Hills	2811		Rancho San Julian	69-I			not diagnostic			
21903	Los Angeles	Whittier	2812		Worsham Creek	24-B			no paleo info			
21904	Santa Barbara	Rancho Nuevo Creek	2825		SW part of quad	37-K		on #4824	no paleo info			
21905	Ventura	Ojai	2841		SE part of quad	28-J			no paleo info			
21906	Ventura	Ojai	2843		SE part of quad	28-J			no paleo info			
21907	Ventura	Ojai	2844		SE part of quad	28-J			no paleo info			
21908	San Luis Obispo	Caliente Mountain	2850		NW part of quad	94-J	see # 2797	age from map	Saucesian			
21909	San Luis Obispo	Caliente Mountain	2851		NW part of quad	94-J	Caliente Mtn 15'	age from map	not diagnostic	Staples		
21910	San Luis Obispo	Caliente Mountain	2855		NW part of quad	94-J	Caliente Mtn 15'		no paleo info	Staples		
21911	Orange	Black Star Canyon	2857		Irvine Lake area	31-N	sa La Panza		no paleo info			
21912	San Luis Obispo	La Panza	2859		San Juan Creek	94-J	sa La Panza		no paleo info	Staples		
21913	Orange	Black Star Canyon	2860		Irvine Lake area	31-N	sa La Panza		no paleo info			
21914	San Luis Obispo	La Panza	2860		Placer Creek	94-J	La Panza 15'		no paleo info	Papp & S		
21915	San Luis Obispo	La Panza	2861		Willow Canyon	94-J	La Panza 15'		no paleo info	Papp & S		
21916	San Luis Obispo	Caliente Mountain?	2863		not found	94-J	Caliente Mtn15'		no paleo info	Papp & S		
21917	San Luis Obispo	Caliente Mountain	2864	1	WC part of quad	94-J	Caliente Mtn15'		no paleo info	Papp & S		
21918	San Luis Obispo	Caliente Mountain	2864	2	WC part of quad	94-J	Caliente Mtn15'		no paleo info	Papp & S		
21919	San Luis Obispo	Caliente Mountain	2864	3	WC part of quad	94-J	Caliente Mtn15'		no paleo info	Papp & S		
21920	San Luis Obispo	Caliente Mountain	2864	5	WC part of quad	94-J	Caliente Mtn15'		no paleo info	Papp & S		
21921	San Luis Obispo	Caliente Mountain	2865		NW corner of quad	94-J	Caliente Mtn15'	age from map	not diagnostic	Papp & S		
21922	San Luis Obispo	Caliente Mountain	2866		NE part of quad	94-J	Caliente Mtn15'		no paleo info	Papp & S		
21923	San Luis Obispo	Caliente Mountain	2867		NE part of quad	94-J	Caliente Mtn15'	age from map	not diagnostic	Papp & S		
21924	San Luis Obispo	Caliente Mountain	2868		NE part of quad	94-J	Caliente Mtn15'	age from map	not diagnostic	Papp & S		
21925	San Luis Obispo	Caliente Mountain	2870		NW corner of quad	94-J	Caliente Mtn15'	age from map	Saucesian	Papp & S		
21926	Orange	Black Star Canyon	2871		Irvine Lake area	31-N			no paleo info			
21927	Orange	Black Star Canyon	2872		Irvine Lake area	31-N			no paleo info			
21928	Orange	Black Star Canyon	2873		Irvine Lake area	31-N			no paleo info			
21929	San Luis Obispo	Caliente Mountain	2873		center of quad	94-J	Caliente Mtn 15'	age from map	Saucesian?	Papp		
21930	Santa Barbara	Santa Rosa Hills	2884		S Rosa Ck area	37-G			no paleo info			
21931	Santa Barbara	Santa Rosa Hills	2884		S Rosa Ck area	27-B			no paleo info			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
21932	Santa Barbara	Santa Rosa Hills	2885		S Rosa Ck area	27-B			no paleo info			
21933	Santa Barbara	Santa Rosa Hills	2886		S Rosa Ck area	27-B			no paleo info			
21934	Santa Barbara	Santa Rosa Hills	2887		Los Alamos	27-B			no paleo info			
21935	Santa Barbara	Santa Rosa Hills	2894		S Rosa Ck area	27-B			no paleo info			
21936	Santa Barbara	Santa Rosa Hills	2897		S Rosa Ck area	27-B			no paleo info			
21937	Kings	Tent Hills	2898		Stoke Canyon	111-B			Lower Eocene	Gealey &		
21938	Santa Barbara	Santa Rosa Hills	2900		S Rosa Ck area	27-B			no paleo info			
21939	Ventura	Topatopa Mountains	2900		Hot Springs Cyn	12-L			no paleo info	Owens &		
21940	Ventura	Topatopa Mountains	2901		Hot Springs Cyn	12-L			no paleo info			
21941	Santa Barbara	Santa Rosa Hills	2901		S Rosa Ck area	27-B			no paleo info			
21942	Santa Barbara	Santa Rosa Hills	2902		S Rosa Ck area	27-B			no paleo info			
21943	Ventura	Topatopa Mountains	2902		Hot Springs Cyn	12-L			no paleo info			
21944	Santa Barbara	Santa Rosa Hills	2903		Santa Rosa Road	27-B			no paleo info			
21945	Santa Barbara	Santa Rosa Hills	2905		Santa Rosa Road	27-B			no paleo info			
21946	Santa Barbara	Santa Rosa Hills	2906		Santa Rosa Road	27-B			no paleo info			
21947	Santa Barbara	Santa Rosa Hills	2907		Santa Rosa Road	27-B			no paleo info			
21948	Ventura	Devils Heart Peak	2909		Sespe Creek	12-L			no paleo info			
21949	Ventura	Devils Heart Peak	2910		Sespe Creek	12-L			no paleo info			
21950	Ventura	Devils Heart Peak	2911		Sespe Creek	12-L			no paleo info			
21951	Ventura	Devils Heart Peak	2912		Sespe Creek	12-L			no paleo info			
21952	Santa Barbara	Santa Rosa Hills?	2915		not on map	27-B	Los Alamos on slide		no paleo info			
21953	Santa Barbara	Santa Rosa Hills?	2917		not on map	27-B	Los Alamos on slide		no paleo info			
21954	Santa Barbara	Santa Rosa Hills?	2918		not on map	27-B	Los Alamos on slide		no paleo info			
21955	Santa Barbara	Santa Rosa Hills?	2919		not on map	27-B	Los Alamos on slide		no paleo info			
21956	Santa Barbara	Santa Rosa Hills?	2920		not on map	27-B	Los Alamos on slide		no paleo info			
21957	Santa Barbara	Big Pine Mtn	2920		Samon Peak	96-F			no paleo info			
21958	Santa Barbara	Big Pine Mtn	2922		Samon Peak	96-F			no paleo info			
21959	Santa Barbara	Lompoc Hills	2922		Long Canyon	69-I			no paleo info			
21960	Santa Barbara	Lompoc Hills	2926		Long Canyon	69-I			no paleo info			
21961	Kern	Las Yeguas Ranch	2937		Carneros Creek	31-I		age from slide	L Eocene C zone	Barlow		
21962	Kern	Las Yeguas Ranch	2948		Media Agua Ck	73-D	see also #3325		no paleo info			
21963	Kern	Las Yeguas Ranch	2948		Media Agua Ck	73-D			no paleo info	Bahr		
21964	Kern	Las Yeguas Ranch	2949		Media Agua Ck	73-D	see also #3325		no paleo info	Bahr		
21965	Ventura	Ojai	2950		Wheeler Canyon	24-N	(WC on paleo rept)	Ojai on slide	no paleo info			
21966	Ventura	Ojai	2952		Wheeler Canyon	24-N	(WC on paleo rept)	Ojai on slide	no paleo info			
21967	San Luis Obispo	Fellows	2952		Hale McLeod Cyn	98-F			no paleo info	Owens		
21968	San Luis Obispo	Fellows	2953		Hale McLeod Cyn	98-F			no paleo info	Owens		
21969	Ventura	Ojai	2953		Wheeler Canyon	24-N	(WC on paleo rept)	Ojai on slide	no paleo info			
21970	Ventura	Ojai	2954		Wheeler Canyon	24-N	(WC on paleo rept)	Ojai on slide	no paleo info			
21971	San Luis Obispo	Fellows	2954		Hale McLeod Cyn	98-F			no paleo info	Owens		
21972	San Luis Obispo	Fellows	2956		Hale McLeod Cyn	98-F			no paleo info	Owens		
21973	San Luis Obispo	Fellows	2958		Hale McLeod Cyn	98-F			no paleo info	Owens		
21974	San Luis Obispo	Fellows	2959		Hale McLeod Cyn	98-F			no paleo info	Owens		
21975	San Luis Obispo	Fellows	2960		Hale McLeod Cyn	98-F			no paleo info	Owens		
21976	San Luis Obispo	Fellows	2961		Hale McLeod Cyn	98-F			no paleo info	Owens		
21977	San Luis Obispo	Fellows	2962		SW part of quad	98-F			no paleo info	Owens		
21978	San Luis Obispo	Fellows	2963		SW part of quad	98-F			no paleo info	Owens		
21979	San Luis Obispo	Fellows	2965		SW part of quad	98-F			no paleo info	Owens		
21980	San Luis Obispo	Fellows	2966		SW part of quad	98-F			no paleo info	Owens		
21981	San Luis Obispo	Fellows	2968		SW part of quad	98-F			no paleo info	Owens		
21982	San Luis Obispo	Fellows	2969		SW part of quad	98-F			no paleo info	Owens		
21983	San Luis Obispo	Fellows	2970		SW part of quad	98-F			no paleo info	Owens		
21984	San Luis Obispo	Fellows	2975		SW part of quad	98-F			no paleo info	Owens		
21985	San Luis Obispo	Fellows	2980		Midway Peak area	98-F			no paleo info	Owens		
21986	San Luis Obispo	Fellows	2983		Midway Peak area	98-F			no paleo info	Owens		
21987	San Luis Obispo	Fellows	2984		Midway Peak area	98-F			no paleo info	Owens		
21988	San Luis Obispo	Fellows	2985		Midway Peak area	98-F			no paleo info	Owens		
21989	San Luis Obispo	Fellows	2986		Midway Peak area	98-F			no paleo info	Owens		
21990	San Luis Obispo	Fellows	2987		Midway Peak area	98-F			no paleo info	Owens		
21991	San Luis Obispo	Fellows	2990		Midway Peak area	98-F			no paleo info	Owens		
21992	San Luis Obispo	Fellows	2991		Midway Peak area	98-F			no paleo info	Owens		
21993	San Luis Obispo	Fellows	2992		Midway Peak area	98-F			no paleo info	Owens		
21994	San Luis Obispo	Fellows	2993		Midway Peak area	98-F			no paleo info	Owens		
21995	San Luis Obispo	Fellows	2995		Midway Peak area	98-F			no paleo info	Owens		
21996	San Luis Obispo	Fellows	2996		Midway Peak area	98-F			no paleo info	Owens		
21997	Kern	Maricopa	3007		SE corner quad	176-M			no paleo info	Ellinwood		
21998	Kern	Maricopa	3008		SE corner quad	176-M			no paleo info	Ellinwood		
21999	Kern	Maricopa	3011		SW of Maricopa	176-M			no paleo info	Ellinwood		
22000	Kern	Maricopa	3012		not found	176-M			no paleo info	Ellinwood		
22001	San Luis Obispo	Maricopa	3013		Elkhorn Plain	176-M			no paleo info	Ellinwood		
22002	Kern	Maricopa	3014		Devils Gulch	176-M			no paleo info	Ellinwood		
22003	Kern	Maricopa	3015		SW of Maricopa	176-M			no paleo info	Ellinwood		
22004	Kern	Maricopa	3016		SW corner quad	176-M			no paleo info	Ellinwood		
22005	Kern	Maricopa	3017		SW corner quad	176-M			no paleo info	Ellinwood		
22006	Kern	Maricopa	3019		Bitterwater Creek	176-M			no paleo info	Ellinwood		
22007	Kern	Maricopa	3021		SE corner quad	176-M			no paleo info	Ellinwood		
22008	Kern	Maricopa	3022		SE corner quad	176-M			no paleo info	Ellinwood		
22009	Kern	Maricopa	3023		SE corner quad	176-M			no paleo info	Ellinwood		
22010	Kern	Maricopa	3024		not found	176-M			no paleo info	Ellinwood		
22011	Kern	Maricopa	3025		SW of Maricopa	176-M			no paleo info	Ellinwood		
22012	Kern	Maricopa	3026		SW of Maricopa	176-M			no paleo info	Ellinwood		
22013	Kern	Maricopa	3039		Devils Gulch area	176-M			no paleo info	Ellinwood		
22014	Kern	Maricopa	3041		SE part of quad	176-M			no paleo info	Ellinwood		
22015	Kern	Maricopa	3043		S of Hazelton	176-M			no paleo info	Ellinwood		
22016	Kern	Maricopa	3044		Devils Gulch area	176-M			no paleo info	Ellinwood		

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
22017	Ventura	Moorpark	3044		Grimes Canyon	23-N			no paleo info			
22018	Kern	Maricopa	3044		Devils Gulch area	176-M	sa #3095		no paleo info	Ellinwood		
22019	Kern	Maricopa	3045		Devils Gulch area	176-M			no paleo info	Ellinwood		
22020	Kern	Maricopa	3046		Devils Gulch area	176-M			no paleo info	Ellinwood		
22021	Kern	Maricopa	3047		Devils Gulch area	176-M			no paleo info	Ellinwood		
22022	Kern	Maricopa	3048		Devils Gulch area	176-M			no paleo info	Ellinwood		
22023	Ventura	Moorpark	3050		Grimes Canyon	23-N			no paleo info			
22024	San Luis Obispo	Fellows?	3050		West of Fellows	98-F		not on map	no paleo info	Owens		
22025	San Luis Obispo	Fellows?	3051		West of Fellows	98-F		not on map	no paleo info	Owens		
22026	San Luis Obispo	Fellows?	3055		West of Fellows	98-F		not on map	no paleo info	Owens		
22027	San Luis Obispo	Fellows?	3056		West of Fellows	98-F		not on map	no paleo info	Owens		
22028	San Luis Obispo	Fellows?	3057		West of Fellows	98-F		not on map	no paleo info	Owens		
22029	San Luis Obispo	Fellows?	3058		West of Fellows	98-F		not on map	no paleo info	Owens		
22030	San Luis Obispo	Fellows?	3059		West of Fellows	98-F	name on slide	not on map	no paleo info	Owens		
22031	San Luis Obispo	Fellows?	3060		West of Fellows	98-F	name on slide	not on map	no paleo info	Owens		
22032	San Luis Obispo	Fellows	3066		Midway Peak area	98-F	name on slide		no paleo info	Owens		
22033	Ventura	Moorpark	3068		Grimes Canyon	176-M			no paleo info	Ellinwood		
22034	Ventura	Moorpark	3069		Grimes Canyon	176-M			no paleo info	Ellinwood		
22035	Ventura	Moorpark	3070		Grimes Canyon	176-M			no paleo info	Ellinwood		
22036	Ventura	Moorpark	3071		Grimes Canyon	176-M			no paleo info	Ellinwood		
22037	Ventura	Moorpark	3072		Grimes Canyon	176-M			no paleo info	Ellinwood		
22038	Ventura	Moorpark	3073		Grimes Canyon	176-M			no paleo info	Ellinwood		
22039	Kern	Ballinger Canyon	3074		NE part of quad	176-M			no paleo info	Ellinwood		
22040	Kern	Maricopa	3077		West of Maricopa	176-M			no paleo info	Ellinwood		
22041	Kern	Maricopa	3078		West of Maricopa	176-M			no paleo info	Ellinwood		
22042	Kern	Maricopa	3079		West of Maricopa	176-M			no paleo info	Ellinwood		
22043	San Luis Obispo	Maricopa	3083		WC part of quad	176-M			no paleo info	Ellinwood		
22044	San Luis Obispo	Maricopa	3084		WC part of quad	176-M			no paleo info	Ellinwood		
22045	San Luis Obispo	Maricopa	3085		WC part of quad	176-M			no paleo info	Ellinwood		
22046	San Luis Obispo	Maricopa	3086		WC part of quad	176-M			no paleo info	Ellinwood		
22047	San Luis Obispo	Maricopa	3089		WC part of quad	176-M			no paleo info	Ellinwood		
22048	San Luis Obispo	Maricopa	3090		WC part of quad	176-M			no paleo info	Ellinwood		
22049	Kern	Maricopa	3091		WC part of quad	176-M			no paleo info	Ellinwood		
22050	San Luis Obispo	Maricopa	3093		WC part of quad	176-M			no paleo info	Ellinwood		
22051	Kern	Maricopa	3094		WC part of quad	176-M			no paleo info	Ellinwood		
22052	Ventura	Santa Paula Peak	3097		Orcutt Canyon	176-M			no paleo info	Ellinwood		
22053	Ventura	Santa Paula Peak	3098		Orcutt Canyon	176-M			no paleo info	Ellinwood		
22054	Ventura	Santa Paula Peak	3099		Orcutt Canyon	176-M	sa #3150, 3151		no paleo info	Ellinwood		
22055	Merced	Charleston School	3102		Laguna Seca Cree	29-J	Ortogonalita Pk 15'		M Eocene A-2 zone	Porter		
22056	Merced	Charleston School	3103		Laguna Seca Cree	29-J	Ortogonalita Pk 15'		rads only	Porter		
22057	Merced	Charleston School	3104		Laguna Seca Cree	29-J	Ortogonalita Pk 15'		rads only			
22058	Merced	Charleston School	3105		Laguna Seca Cree	29-J	Ortogonalita Pk 15'		rads only	Porter		
22059	Merced	Charleston School	3110		Laguna Seca Cree	29-J	loc name on slide but # not on map		Upper Cretaceous	Porter		
22060	Merced	Charleston School	3119		Laguna Seca Cree	123-J	loc name on slide but # not on map		not diagnostic	Porter		
22061	Merced	Charleston School	3132		Laguna Seca Cree	123-J	loc name on slide but # not on map		?Cretaceous			
22062	Merced	Charleston School	3136		Laguna Seca Cree	123-J	loc name on slide but # not on map		not diagnostic	Porter		
22063	San Benito	Tumey Hills	3137		Griswold Hills	29-J	slide says Coalinga	age from map	Cretaceous	Porter		
22064	San Benito	Tumey Hills	3138		Griswold Hills	29-J	slide says Coalinga		Cretaceous	Porter		
22065	San Benito	Tumey Hills	3142		not found	29-J	slide says Coalinga		Cretaceous	Porter		
22066	San Benito	Tumey Hills	3144		center of quad	29-J	slide says Coalinga		barren	Porter		
22067	Fresno	Tumey Hills	3146		NC part of quad	29-J	slide says Coalinga		not diagnostic	Porter		
22068	Fresno	Tumey Hills	3147		center of quad	29-J	slide says Coalinga		Upper Cretaceous	Porter		
22069	Fresno	Tumey Hills	3148		Griswold Hills	29-J	slide says Coalinga		Cretaceous	Porter		
22070	San Benito	Tumey Hills	3149		center of quad	29-K	slide says Coalinga		Cretaceous	Porter		
22071	Kern	Maricopa	3150		Devils Gulch area	176-M	on slide # 3099		no paleo info	Ellinwood		
22072	Kern	Maricopa	3151		not found	176-M	on slide # 3099		no paleo info	Ellinwood		
22073	Kern	Maricopa	3152		SE corner of quad	176-M			no paleo info	Ellinwood		
22074	Kern	Maricopa	3153		SE corner of quad	176-M			no paleo info	Ellinwood		
22075	Kern	Maricopa	3154		SE corner of quad	176-M			no paleo info	Ellinwood		
22076	Kern	Maricopa	3155		SE corner of quad	176-N			no paleo info	Ellinwood		
22077	Kern	Maricopa	3156		SE corner of quad	176-N			no paleo info	Ellinwood		
22078	Kern	Maricopa	3157		SE corner of quad	176-N			no paleo info	Ellinwood		
22079	Kern	Maricopa	3158		SE corner of quad	176-N			no paleo info	Ellinwood		
22080	Kern	Maricopa	3159		not found	176-N			no paleo info	Ellinwood		
22081	Kern	Maricopa	3160		Devils Gulch area	176-N			no paleo info	Ellinwood		
22082	Kern	Maricopa	3161		Devils Gulch area	176-N			no paleo info	Ellinwood		
22083	Kern	Maricopa	3162		Devils Gulch area	176-N			no paleo info	Ellinwood		
22084	Kern	Maricopa	3163		Devils Gulch area	176-N			no paleo info	Ellinwood		
22085	Kern	Maricopa	3174		Devils Gulch area	176-N			no paleo info	Ellinwood		
22086	Fresno	Tumey Hills	3201		EC part of quad	29-K	slide says Coalinga		not diagnostic	Porter		
22087	Fresno	Tumey Hills	3202		EC part of quad	29-K	slide says Coalinga		?U Cret C zone	Porter		
22088	Fresno	Tumey Hills	3204		EC part of quad	29-K	slide says Coalinga		?Cretaceous	Porter		
22089	Fresno	Tumey Hills	3205		EC part of quad	29-K	slide says Coalinga		?Cretaceous	Porter		
22090	Fresno	Tumey Hills	3206		not on map	29-K	slide says Coalinga		not diagnostic	Porter		
22091	Fresno	Tumey Hills	3207		Silver Creek	29-K	slide says Coalinga		?Cretaceous	Porter		
22092	Fresno	Tumey Hills	3208		Silver Creek	29-K	slide says Coalinga		?Cretaceous	Porter		
22093	Fresno	Tumey Hills	3209		NC part of quad	29-K	slide says Coalinga		?Cretaceous	Porter		
22094	Fresno	Tumey Hills?	3210		not on map	29-K	slide says Coalinga		Upper Cretaceous	Porter		
22095	Fresno	Tumey Hills?	3213		not on map	29-K	slide says Coalinga		barren	Porter		
22096	Fresno	Tumey Hills?	3214		not on map	29-K	slide says Coalinga		not diagnostic	Porter		
22097	Fresno	Tumey Hills?	3215		not on map	29-K	slide says Coalinga		not diagnostic	Porter		
22098	Fresno	Tumey Hills?	3216		not on map	29-K	slide says Coalinga		not diagnostic	Porter		
22099	Fresno	Tumey Hills?	3217		not on map	29-K	slide says Coalinga		Upper Cretaceous	Porter		
22100	Fresno	Tumey Hills?	3218		not on map	29-K	slide says Coalinga		Upper Cretaceous	Porter		
22101	Fresno	Tumey Hills?	3220		not on map	29-K	slide says Coalinga		Upper Cretaceous	Porter		

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
22102	Fresno	Turney Hills?	3221		not on map	29-K	slide says Coalinga		not diagnostic	Porter		
22103	Fresno	Monocline Ridge	3222		Turney Gulch	29-K	slide says Coalinga		Paleocene	Porter		
22104	Fresno	Monocline Ridge	3223		Turney Gulch	29-K	slide says Coalinga		not diagnostic	Porter		
22105	Fresno	Monocline Ridge	3224		Turney Gulch	29-K	slide says Coalinga		not diagnostic	Porter		
22106	Fresno	Monocline Ridge	3224	RW	Turney Gulch	29-K	slide says Coalinga		no paleo info	Porter		
22107	Fresno	Monocline Ridge	3226		Turney Gulch	29-K	slide says Coalinga		barren	Porter		
22108	Fresno	Monocline Ridge	3228		Turney Gulch	29-K	slide says Coalinga		Paleocene	Porter		
22109	San Benito	Turney Hills	3230		Silver Creek	29-K	slide says Coalinga		Eocene C zone	Porter		
22110	San Benito	Turney Hills	3231		Silver Creek	29-K	slide says Coalinga		Cretaceous	Porter		
22111	San Benito	Turney Hills	3232		SE part of quad	29-K	slide says Coalinga		Eocene C zone	Porter		
22112	San Benito	Turney Hills	3233		SE part of quad	29-K	slide says Coalinga		Eocene C zone	Porter		
22113	Fresno	Monocline Ridge	3235		Turney Gulch	29-K	slide says Coalinga		Eocene C zone	Porter		
22114	Fresno	Monocline Ridge	3236		Turney Gulch	29-K	slide says Coalinga		not diagnostic	Porter		
22115	San Benito	Turney Hills	3237		Griswold Hills	29-K	slide says Coalinga		Eocene C zone	Porter		
22116	San Benito	Turney Hills	3238		Griswold Hills	29-K	slide says Coalinga		not diagnostic	Porter		
22117	San Benito	Turney Hills	3239		Griswold Hills	29-K	slide says Coalinga		not diagnostic	Porter		
22118	Fresno	Turney Hills	3242		Silver Creek	29-K	slide says Coalinga		?Cretaceous	Porter		
22119	San Benito	Turney Hills	3243		not found	29-K	slide says Coalinga		Upper Cretaceous	Porter		
22120	San Benito	Turney Hills	3245		Griswold Hills	29-K	slide says Coalinga		Upper Cretaceous	Porter		
22121	San Benito	Turney Hills	3248		Griswold Hills	29-K	slide says Coalinga		not diagnostic	Porter		
22122	San Benito	Turney Hills	3249		SE part of quad	29-K	slide says Coalinga		not diagnostic	Porter		
22123	San Benito	Turney Hills?	3250		not found	29-K	slide says Coalinga		barren	Porter		
22124	San Benito	Turney Hills	3251		Griswold Hills	29-K			no paleo info	Porter		
22125	San Benito	Turney Hills?	3252		not found	29-K			no paleo info	Porter		
22126	San Benito	Turney Hills?	3254		not found	29-K			U Cret D-1 zone	Porter		
22127	Fresno	Chounet Ranch	3256		Escarpado Canyon	29-K			U Cret D-2 zone	Porter		
22128	San Benito	Turney Hills	3257		Silver Creek	29-K			barren	Porter		
22129	San Benito	Idria	3258		not found	29-K	New Idria 15' Q		barren	Porter		
22130	San Benito	Idria	3260		WC part of quad	29-K	New Idria 15' Q		Eocene A-2 zone	Porter		
22131	San Benito	Idria	3261		WC part of quad	29-K	New Idria 15' Q		Eocene A-2 zone	Porter		
22132	San Benito	Idria	3261	RW	WC part of quad	29-J	New Idria 15' Q		no paleo info	Porter		
22133	San Benito	Idria	3262		Larios Creek	29-K	New Idria 15' Q		Eocene ?C zone	Porter		
22134	San Benito	Idria	3262		Larios Creek	10-N	New Idria 15' Q		no paleo info	Porter		
22135	San Benito	Idria	3263		Larios Creek	29-K	New Idria 15' Q		Eocene ?C zone	Porter		
22136	San Benito	Idria	3264		Larios Creek	29-K	New Idria 15' Q		Eocene ?C zone	Porter		
22137	San Benito	Idria	3266		San Carlos Creek	29-L	New Idria 15' Q		Lower Eocene	Porter		
22138	San Benito	Idria	3268		San Carlos Creek	29-L	New Idria 15' Q		Lower Eocene	Porter		
22139	San Benito	Idria	3269		San Carlos Creek	29-L	New Idria 15' Q		Lower Eocene	Porter		
22140	San Benito	Idria	3271		San Carlos Creek	29-L	New Idria 15' Q		Upper Cretaceous	Porter		
22141	San Benito	Idria	3272		San Carlos Creek	29-L	New Idria 15' Q		barren	Porter		
22142	San Benito	Idria	3273		San Carlos Creek	29-L	New Idria 15' Q		Upper Cretaceous	Porter		
22143	San Benito	Idria	3274		San Carlos Creek	29-L	New Idria 15' Q		Upper Cretaceous	Porter		
22144	San Benito	Idria	3275		San Carlos Creek	29-L	New Idria 15' Q		Paleocene	Porter		
22145	San Benito	Idria	3276		San Carlos Creek	29-L	New Idria 15' Q		Paleocene	Porter		
22146	San Benito	Idria	3277		San Carlos Creek	29-L	New Idria 15' Q		Paleocene	Porter		
22147	San Benito	Idria	3278		San Carlos Creek	29-L	New Idria 15' Q		Lower Eocene	Porter		
22148	San Benito	Idria	3279		San Carlos Creek	29-L	New Idria 15' Q		Lower Eocene	Porter		
22149	San Benito	Idria	3280		San Carlos Creek	29-L	New Idria 15' Q		Lower Eocene	Porter		
22150	San Benito	Idria	3281		San Carlos Creek	29-L	New Idria 15' Q		Upper Cretaceous	Porter		
22151	San Luis Obispo	Elkhorn Hills	3300		NE part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
22152	San Luis Obispo	Elkhorn Hills	3301		NE part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
22153	San Luis Obispo	Elkhorn Hills	3302		NE part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
22154	Kern	Elkhorn Hills	3303		NE part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
22155	Kern	Elkhorn Hills	3304		NE part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
22156	Kern	Elkhorn Hills	3305		NE part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
22157	Kern	Maricopa	3307		West of Maricopa	104-E	Temblor Range		no paleo info	Dubinsky		
22158	Kern	Maricopa	3308		West of Maricopa	104-E	Temblor Range		no paleo info	Dubinsky		
22159	Kern	Maricopa	3309		West of Maricopa	104-E	Temblor Range		no paleo info	Dubinsky		
22160	San Luis Obispo	Maricopa	3310		WC part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
22161	San Luis Obispo	Maricopa	3311		WC part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
22162	Kern	Maricopa	3312		WC part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
22163	Kern	Maricopa	3313		NW part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
22164	Kern	Elkhorn Hills	3314		NE part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
22165	Kern	Elkhorn Hills	3315		NE part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
22166	Kern	Elkhorn Hills	3316		NE part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
22167	Kern	Elkhorn Hills	3317		NE part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
22168	Kern	Elkhorn Hills	3318		NE part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
22169	Kern	Elkhorn Hills	3319		NE part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
22170	Kern	Elkhorn Hills	3320		NE part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
22171	Kern	Elkhorn Hills	3321		NE part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
22172	Kern	Elkhorn Hills	3322		NE part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
22173	Kern	Elkhorn Hills	3323		NE part of quad	103-F	Temblor Range		no paleo info	Dubinsky		
22174	Kern	Elkhorn Hills	3324		NE part of quad	103-F	Temblor Range		no paleo info	Dubinsky		
22175	Kern	Las Yeguas Ranch	3325		Media Agua Creek	73-D	see # 2948		no paleo info	Bahr		
22176	Kern	Las Yeguas Ranch	3326	1	Media Agua Creek	73-D	Temblor Range		no paleo info	Bahr		
22177	Kern	Las Yeguas Ranch	3326	2	Media Agua Creek	73-D	Temblor Range		no paleo info	Bahr		
22178	Kern	Las Yeguas Ranch	3327	1	Media Agua Creek	73-D	Temblor Range		no paleo info	Bahr		
22179	Kern	Las Yeguas Ranch	3327	2	Media Agua Creek	73-D	Temblor Range		no paleo info	Bahr		
22180	Kern	Las Yeguas Ranch	3334		center of quad	73-D	Temblor Range		no paleo info	Bahr		
22181	Kern	Maricopa	3343		NW part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22182	Kern	Maricopa	3344		not found	104-F	Temblor Range		no paleo info	Dubinsky		
22183	Kern	Maricopa	3345		NW part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22184	Kern	Maricopa	3346		not found	104-F	Temblor Range		no paleo info	Dubinsky		
22185	Kern	Maricopa	3347		not found	104-F	Temblor Range		no paleo info	Dubinsky		
22186	San Luis Obispo	Maricopa	3348		Elkhorn Plain	104-F	Temblor Range		no paleo info	Dubinsky		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS		ONE/SERIES/AG	COLLECTORS		
22187	San Luis Obispo	Maricopa	3349		Elkhorn Plain	104-F	Temblor Range		no paleo info	Dubinsky		
22188	Kern	Elkhorn Hills	3350		NE part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22189	Kern	Elkhorn Hills	3351		NE part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22190	Kern	Elkhorn Hills	3352		NE part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22191	Kern	Elkhorn Hills	3353		NE part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22192	Kern	Elkhorn Hills	3354		NE part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22193	San Luis Obispo	Maricopa	3355		Elkhorn Plain	104-F	Temblor Range		no paleo info	Dubinsky		
22194	San Luis Obispo	Elkhorn Hills	3361		EC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22195	San Luis Obispo	Maricopa	3362		WC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22196	San Luis Obispo	Maricopa	3363		WC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22197	San Luis Obispo	Maricopa	3364		WC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22198	San Luis Obispo	Maricopa	3365		WC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22199	San Luis Obispo	Maricopa	3366		WC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22200	San Luis Obispo	Maricopa	3367		center of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22201	San Luis Obispo	Elkhorn Hills	3368		NC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22202	San Luis Obispo	Elkhorn Hills	3369		NC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22203	San Luis Obispo	Elkhorn Hills	3370		NC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22204	San Luis Obispo	Elkhorn Hills	3371		NC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22205	San Luis Obispo	Elkhorn Hills	3372		NC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22206	San Luis Obispo	Elkhorn Hills	3373		NC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22207	San Luis Obispo	Elkhorn Hills	3374		NC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22208	San Luis Obispo	Elkhorn Hills	3375		not found	104-F	Temblor Range		no paleo info	Dubinsky		
22209	Kern	Elkhorn Hills	3376		NE part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22210	Kern	Elkhorn Hills	3377		NE part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22211	Kern	Elkhorn Hills	3378		NE part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22212	San Luis Obispo	Elkhorn Hills	3379		NC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22213	San Luis Obispo	Elkhorn Hills	3380		not found	104-F	Temblor Range		no paleo info	Dubinsky		
22214	San Luis Obispo	Elkhorn Hills	3381		NC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22215	Kern	Elkhorn Hills	3382		NC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22216	Kern	Elkhorn Hills	3383		NE part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22217	Kern	Elkhorn Hills	3384		NE part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22218	San Luis Obispo	Elkhorn Hills	3385		NE part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22219	Kern	Elkhorn Hills	3386		NE part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22220	Kern	Elkhorn Hills	3387		NE part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22221	Kern	Elkhorn Hills	3388		NE part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22222	Kern	Elkhorn Hills	3389		NE part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
22223	Kern	Elkhorn Hills	3390		NE part of quad	10-N	Temblor Range		no paleo info			
22224	Kern	Elkhorn Hills	3390		NE part of quad	104-F	Temblor Range		no paleo info	Dubensky		
22225	Kern	Elkhorn Hills	3391		NE part of quad	104-F	Temblor Range		no paleo info	Dubensky		
22226	Kern	Elkhorn Hills	3392		NE part of quad	104-F	Temblor Range		no paleo info	Dubensky		
22227	San Luis Obispo	Elkhorn Hills	3393		NE part of quad	104-F	Temblor Range		no paleo info	Dubensky		
22228	Kern	Elkhorn Hills	3394		not found	104-F	Temblor Range		no paleo info	Dubensky		
22229	Kern	Elkhorn Hills	3396		NE part of quad	104-F	Temblor Range		no paleo info	Dubensky		
22230	Kern	Elkhorn Hills	3397		NE part of quad	104-F	Temblor Range		no paleo info	Dubensky		
22231	Kern	Elkhorn Hills	3398		NE part of quad	104-F	Temblor Range		no paleo info	Dubensky		
22232	Kern	Elkhorn Hills	3399		NE part of quad	104-F	Temblor Range		no paleo info	Dubensky		
22233	Kern	Elkhorn Hills	3400		not found	104-F	Temblor Range		no paleo info	Dubensky		
22234	Kern	Elkhorn Hills	3401		not found	104-F	Temblor Range		no paleo info	Dubensky		
22235	Kern	Elkhorn Hills	3402		NE part of quad	104-G	Temblor Range		no paleo info	Dubensky		
22236	Ventura	Moorpark	3402		Grimes Canyon	33-F			Lower Mohnian			
22237	Ventura	Moorpark	3403		Grimes Canyon	33-F			Lower Mohnian			
22238	Kern	Elkhorn Hills	3403		not found	104-G	Temblor Range		no paleo info	Dubensky		
22239	San Luis Obispo	Elkhorn Hills	3404		NE part of quad	104-G	Temblor Range		no paleo info	Dubensky		
22240	Ventura	Moorpark	3404		Grimes Canyon	33-F			Lower Mohnian			
22241	Ventura	Moorpark	3405	A	Grimes Canyon	33-F			Lower Mohnian			
22242	Ventura	Moorpark	3405	B	Grimes Canyon	33-F			Lower Mohnian			
22243	Ventura	Moorpark	3406		Grimes Canyon	33-F			Mohnian			
22244	Ventura	Moorpark	3407		Grimes Canyon	33-F			Mohnian			
22245	Kern	Elkhorn Hills	3407		NE part of quad	104-G	Temblor Range		no paleo info	Dubensky		
22246	Kern	Elkhorn Hills	3408		NE part of quad	104-G	Temblor Range		no paleo info	Dubensky		
22247	San Luis Obispo	Elkhorn Hills	3409		NC part of quad	104-G	Temblor Range		no paleo info	Dubensky		
22248	San Luis Obispo	Elkhorn Hills	3411		NC part of quad	104-G	Temblor Range		no paleo info	Dubensky		
22249	San Luis Obispo	Elkhorn Hills	3412		not found	104-G	Temblor Range		no paleo info	Dubensky		
22250	San Luis Obispo	Elkhorn Hills	3413		NC part of quad	104-G	Temblor Range		no paleo info	Dubensky		
22251	San Luis Obispo	Elkhorn Hills	3414		NC part of quad	104-G	Temblor Range		no paleo info	Dubensky		
22252	San Luis Obispo	Elkhorn Hills	3415		NC part of quad	104-G	Temblor Range		no paleo info	Dubensky		
22253	San Luis Obispo	Elkhorn Hills	3416		NC part of quad	104-G	Temblor Range		no paleo info	Dubensky		
22254	San Luis Obispo	Elkhorn Hills	3417		NC part of quad	104-G	Temblor Range		no paleo info	Dubensky		
22255	San Luis Obispo	Elkhorn Hills	3419		NC part of quad	104-G	Temblor Range		no paleo info	Dubensky		
22256	San Luis Obispo	Fellows	3422		SC part of quad	104-G	Temblor Range		no paleo info	Dubensky		
22257	San Luis Obispo	Fellows	3423		SC part of quad	104-G	Temblor Range		no paleo info	Dubensky		
22258	San Luis Obispo	Fellows	3424		SC part of quad	104-G	Temblor Range		no paleo info	Dubensky		
22259	San Luis Obispo	Elkhorn Hills	3425		NC part of quad	104-G	Temblor Range		no paleo info	Dubensky		
22260	San Luis Obispo	Elkhorn Hills	3434		EC part of quad	104-G	Temblor Range		no paleo info	Dubensky		
22261	San Luis Obispo	Elkhorn Hills	3437		EC part of quad	104-G	Temblor Range		no paleo info	Dubensky		
22262	Glenn	Stone Valley	3438		center of quad	152-D	Fruto 15'		L Cret J-2 zone	Ammund.		
22263	Glenn	Stone Valley	3439		center of quad	152-D	Fruto 15'		L Cret J-2 zone	Ammund.		
22264	Glenn	Stone Valley	3440		center of quad	152-D	Fruto 15'		L Cret J-2 zone	Ammund.		
22265	Glenn	Stone Valley	3441		center of quad	152-D	Fruto 15'		L Cret J-2 zone	Ammund.		
22266	Glenn	Stone Valley	3442		center of quad	152-D	Fruto 15'		L Cret J-2 zone	Ammund.		
22267	Glenn	Stone Valley	3443		center of quad	152-D	Fruto 15'		L Cret J-2 zone	Ammund.		
22268	Solano	Elmira	3456		Potrero Hills	12-1	4/5N/1W	rads	U Cret E zone	Stone		
22269	Solano	Elmira	3457		Potrero Hills	12-1	corehole	15/5N/1W	Upper Eocene	Stone		
22270	Solano	Fairfield South	3458		Potrero Hills	12-1	1/4N/2W	not on mnap	Prob Paleocene	Stone		
22271	Solano	Fairfield South	3458	RW	Potrero Hills	12-1	1/4N/2W	not on map	Prob Paleocene	Stone		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
22272	San Benito	not found	3459	A	not on map	140-F	Vallecitos syncline	age from lab	Refugian	Meditz &		
22273	San Benito	Idria	3465		N of New Idria	140-F	New Idria 15'		no paleo info	Meditz &		
22274	San Benito	Idria	3470		WC part of quad	140-F	New Idria 15'	age from lab	Paleocene	Meditz &		
22275	San Benito	not found	3473		not on map	140-G	Vallecitos syncline		no paleo info	Meditz &		
22276	San Benito	Idria	3476		San Carlos Creek	140-G	New Idria 15'	age from lab	Eocene	Meditz &		
22277	San Benito	not found	3477		not on map	140-G	Vallecitos syncline	age from lab	barren	Meditz &		
22278	San Benito	not found	3478		not on map	140-G	Vallecitos syncline	age from lab	Eocene C zone	Meditz &		
22279	San Benito	not found	3479		not on map	140-G	Vallecitos syncline	age from lab	barren	Meditz &		
22280	San Benito	Idria	3480		WC part of quad	140-G	New Idria 15'	age from lab	Eocene A-2 zone	Meditz &		
22281	San Benito	Idria	3481		WC part of quad	140-G	New Idria 15'	age from map	Eocene	Meditz &		
22282	San Benito	not found	3482		not on map	140-G	Vallecitos syncline		no paleo info	Meditz &		
22283	San Benito	Idria	3483		WC part of quad	140-G	New Idria 15'	age from lab	Eocene C zone	Meditz &		
22284	San Benito	Idria	3484		WC part of quad	140-G	New Idria 15'	age from map	Cretaceous	Meditz &		
22285	San Benito	not found	3485		not on map	140-G	Vallecitos syncline		no paleo info	Meditz &		
22286	Merced	Ortogonalita Peak NW	3552	A	Los Banos Ck CH	125-A	Ortogonalita Peak 15'	Have strat	Upper Cretaceous	Porter		
22287	Merced	Ortogonalita Peak NW	3552	B	Los Banos Ck CH	125-A	Ortogonalita Peak 15'	column	Upper Cretaceous	Porter		
22288	Merced	Ortogonalita Peak NW	3553	A	Los Banos Ck CH	125-A	Ortogonalita Peak 15'	column	barren	Porter		
22289	Merced	Ortogonalita Peak NW	3555		Los Banos Ck CH	125-A	Ortogonalita Peak 15'	column	U Cret E zone	Porter		
22290	Merced	Ortogonalita Peak NW	3559		Los Banos Ck CH	125-A	Ortogonalita Peak 15'	column	Upper Cretaceous	Porter		
22291	Merced	Ortogonalita Peak NW	3561		Los Banos Ck CH	125-A	Ortogonalita Peak 15'	column	Upper Cretaceous	Porter		
22292	Merced	Ortogonalita Peak NW	3562		EC part of quad	125-A	Ortogonalita Peak 15'	column	Upper Cretaceous	Porter		
22293	Merced	Ortogonalita Peak NW	3563		EC part of quad	125-A	Ortogonalita Peak 15'	column	Upper Cretaceous	Porter		
22294	Merced	Ortogonalita Peak NW	3564		EC part of quad	125-A	Ortogonalita Peak 15'	column	Upper Cretaceous	Porter		
22295	Merced	Ortogonalita Peak NW	3565		EC part of quad	125-A	Ortogonalita Peak 15'	column	Upper Cretaceous	Porter		
22296	Merced	Ortogonalita Peak NW	3566		EC part of quad	125-A	Ortogonalita Peak 15'	column	Upper Cretaceous	Porter		
22297	Merced	Ortogonalita Peak NW	3590		Salt Creek	125-A	Ortogonalita Peak 15'	column	Upper Cretaceous	Porter		
22298	Merced	Ortogonalita Peak NW	3591		Salt Creek	125-A	Ortogonalita Peak 15'	column	Upper Cretaceous			
22299	Merced	Ortogonalita Peak NW	3592		Salt Creek	125-A	Ortogonalita Peak 15'	column	Upper Cretaceous	Porter		
22300	Merced	Ortogonalita Peak NW	3593		Salt Creek	125-A	Ortogonalita Peak 15'	column	Upper Cretaceous	Porter		
22301	San Luis Obispo	Caldwell Mesa	3643		Arroyo Seco	69-J	Nipomo 15'		Middle Miocene	Kraetsch		
22302	San Luis Obispo	Caldwell Mesa	3644		Arroyo Seco	69-J	Nipomo 15'		Probably Relizian	Kraetsch		
22303	San Luis Obispo	Caldwell Mesa	3645		Arroyo Seco	69-J	Nipomo 15'		Luisian	Kraetsch		
22304	San Luis Obispo	Caldwell Mesa	3646		Arroyo Seco	62-C	Nipomo 15'		Relizian	Kraetsch		
22305	San Luis Obispo	Caldwell Mesa	3647		Arroyo Seco	62-C	Nipomo 15'		Relizian	Kraetsch		
22306	Santa Barbara	Chimney Canyon	3649	A	Cuyama River Rd	62-C	Branch Mtn 15'		Relizian	Kraetsch		
22307	Santa Barbara	Chimney Canyon	3649	B	Cuyama River Rd	62-C	Branch Mtn 15'		not diagnostic	Kraetsch		
22308	Santa Barbara	Chimney Canyon	3649	D	Cuyama River Rd	62-C	Branch Mtn 15'		poss Mohnian	Kraetsch		
22309	Santa Barbara	Chimney Canyon	3649	E	Cuyama River Rd	62-C	Branch Mtn 15'		poss Zemorrian	Kraetsch		
22310	Santa Barbara	Chimney Canyon	3649	F	Cuyama River Rd	62-C	Branch Mtn 15'		poss Zemorrian	Kraetsch		
22311	Santa Barbara	Chimney Canyon	3649	G	Cuyama River Rd	62-C	Branch Mtn 15'		Lower Zemorrian	Kraetsch		
22312	Santa Barbara	Chimney Canyon	3649	H	Cuyama River Rd	62-C	Branch Mtn 15'		Lower Zemorrian	Kraetsch		
22313	Santa Barbara	Chimney Canyon	3649	I	Cuyama River Rd	62-C	Branch Mtn 15'		Lower Zemorrian	Kraetsch		
22314	Santa Barbara	Chimney Canyon	3650		Cuyama River Rd	62-C	Branch Mtn 15'		not diagnostic	Kraetsch		
22315	Santa Barbara	Huasna Peak	3651		Cuyama River Rd	62-C	Nipomo 15'		Relizian	Kraetsch		
22316	Santa Barbara	Huasna Peak	3652		Cuyama River Rd	62-C	Nipomo 15'		Relizian	Kraetsch		
22317	Santa Barbara	Huasna Peak?	3653		not on map	62-C	Nipomo 15'		Relizian	Kraetsch		
22318	Santa Barbara	Lompoc Hills	3654		La Hoya Creek	69-J			not diagnostic	Kraetsch		
22319	Santa Barbara	Santa Rosa Hills	3657		NE corner of quad	69-J	NE edge of map		not diagnostic	Kraetsch		
22320	Santa Barbara	San Marcos Pass	3658		Oso Canyon	69-J			Upper Eocene	Kraetsch		
22321	Santa Barbara	Little Pine Mountain	3660		Santa Ynez River	69-J	Gibraltar Dam 15'		no paleo info	Kraetsch		
22322	Santa Barbara	Santa Rosa Hills	3661		Santos Road	69-J			no paleo info	Kraetsch		
22323	Santa Barbara	Santa Rosa Hills	3662		Santos Road	69-J			no paleo info	Kraetsch		
22324	Santa Barbara	Solvang	3663		SW part of quad	69-J			M Eocene A-2	Kraetsch		
22325	Santa Barbara	Santa Rosa Hills	3664		SC part of quad	69-J			L Zemorrian	Kraetsch		
22326	Santa Barbara	Lompoc Hills	3665		WC part of quad	69-J	Cabrillo Hwy		M Eocene A-2	Kraetsch		
22327	Santa Barbara	Lompoc Hills	3665	RS	WC part of quad	69-J	Cabrillo Hwy		M Eocene A-2	Kraetsch		
22328	Santa Barbara	Tranquillon Mountain	3667		center of quad	69-J	Tranquillon Peak		Miocene	Kraetsch		
22329	Santa Barbara	Bald Mountain	3668		Sisquoc River	69-J	McPherson Pk 15'		Relizian	Kraetsch		
22330	Santa Barbara	Zaca Lake	3670		Alkali Canyon	69-J	Tepusquet Pk 15'		Lower Miocene	Kraetsch		
22331	Santa Barbara	Manzanita Mountain	3675		Goodchild Ranch	69-J	Tepusquet Pk 15'		Middle Miocene	Kraetsch		
22332	Santa Barbara	San Marcos Pass	3680		Buro Road	69-J			prob Eocene	Kraetsch		
22333	Santa Barbara	San Marcos Pass	3681		Los Prieto Boys C	69-J			Relizian	Kraetsch		
22334	Santa Barbara	Lake Cachuma	3682	A	S Marcos Pass Rd	69-J			Relizian	Kraetsch		
22335	Santa Barbara	Lake Cachuma	3682	B	S Marcos Pass Rd	69-J			Relizian	Kraetsch		
22336	Santa Barbara	Santa Rosa Hills	3683		Llanito Creek	69-J			no paleo info	Kraetsch		
22337	Mendocino	Point Arena	3703		Riverside Road	46-C	Pt Arena 15'		Zemorrian	Gonsalves &		
22338	Mendocino	Point Arena	3704		Riverside Road	46-C	Pt Arena 15'		Zem/Saucesian	Gonsalves &		
22339	Mendocino	Point Arena	3705		Riverside Road	161-G	Pt Arena 15'		Eocene	Gonsalves &		
22340	Mendocino	Point Arena	3706		Ross Creek	46-C	Pt Arena 15'		?Zemorrian	Gonsalves &		
22341	Mendocino	Point Arena	3707		Ross Creek	46-C	Pt Arena 15'		not diagnostic	Gonsalves &		
22342	Mendocino	Point Arena	3708		Ross Creek	46-C	Pt Arena 15'		Miocene	Gonsalves &		
22343	Mendocino	Saunders Reef	3709		Near Iverson Pt	46-C	Pt Arena 15'		U Eocene A-2 zone	Gonsalves &		
22344	Mendocino	Point Arena	3710		NW of Pt Arena	46-C	Pt Arena 15'		barren	Gonsalves &		
22345	San Diego	Borrego Mountain SE	3710		Split Mtn area	35-J	Borrego Mtn 15'	not on map	no paleo info	good fauna		
22346	Mendocino	Point Arena	3711		Hillcrest Dairy	46-C	Pt Arena 15'		Miocene	Gonsalves &		
22347	Mendocino	Point Arena	3712		center of quad	46-C	Pt Arena 15'		?Zemorrian	Gonsalves &		
22348	Mendocino	Point Arena	3713		Arena Cove	46-C	Pt Arena 15'		?Zemorrian	Gonsalves &		
22349	Mendocino	Point Arena	3714		Arena Cove	46-C	Pt Arena 15'		not diagnostic	Gonsalves &		
22350	Mendocino	Saunders Reef	3719		Nr Galloway Schl	120-H	Pt Arena 15'		Zemorrian	Gonsalves &		
22351	Mendocino	Point Arena	3720		Ross Creek	120-H	Pt Arena 15'		Zemorrian	Gonsalves &		
22352	Mendocino	Point Arena	3721		Ross Creek	120-H	Pt Arena 15'		not diagnostic	Gonsalves &		
22353	Mendocino	Point Arena	3724		Arena Cove	167-N	Pt Arena 15'		barren	Morris &		
22354	Mendocino	Saunders Reef	3725		Near Walker Gulch	167-N	Pt Arena 15'		Eocene	Morris &		
22355	Mendocino	Saunders Reef	3725	RS	Near Walker Gulch	167-N	Pt Arena 15'		Eocene	Morris &		
22356	Mendocino	Gualala	3726	1	Nr Steens Landing	167-N			Eocene	Morris &		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ONE/SERIES/AG	COLLECTORS		
22357	Mendocino	Gualala	3726	2	Nr Steens Landing	167-N			Eocene	Morris &		
22358	Mendocino	Gualala	3726		Nr Steens Landing	167-N			Eocene	Morris &		
22359	Mendocino	Gualala	3727		Nr Steens Landing	118-M			not diagnostic	Morris &		
22360	Mendocino	Saunders Reef	3728		Near Craig	142-H			Zemorian	Hardy		
22361	Mendocino	Saunders Reef	3728		Near Craig	118-M			Zemorian	Morris &		
22362	Mendocino	Point Arena	3729		SC part of quad	120-H	Pt Arena 15'		Lower Zemorian	Morris &		
22363	San Diego	Carrizo Mountain NE	3731		Split Mtn area	41-M	Carrizo Mtn 15'	tooth?	no paleo info			
22364	Mendocino	Eureka Hill	3731		River Road	122-G	Point Arena 15'		not diagnostic	Tarbet		
22365	Mendocino	Point Arena	3732		S of Arena Cove	122-G	Pt Arena 15'		Lower Zemorian	Tarbet		
22366	Riverside	Thermal Canyon	3733		Thermal Canyon	41-M	Coachella 15'		no paleo info			
22367	Riverside	Mortmar	3734		Box Canyon	41-M	Cottonwood S 15'		no paleo info			
22368	San Diego	Carrizo Mountain NE	3737		Split Mtn area	41-M	Carrizo Mtn 15'	not on map	no paleo info			
22369	San Diego	Carrizo Mountain NE	3737	200	Split Mtn area	41-M	Carrizo Mtn 15'	not on map	no paleo info			
22370	Ventura	Val Verde	3738	A	Lechler Canyon	37-N			no paleo info			
22371	Ventura	Val Verde	3738	B	Lechler Canyon	37-N			no paleo info			
22372	Ventura	Val Verde	3738	C	Lechler Canyon	37-N			no paleo info			
22373	Ventura	Val Verde	3739		Lechler Canyon	37-N			no paleo info			
22374	Ventura	Val Verde	3739		Lechler Canyon	37-N			no paleo info			
22375	Ventura	Val Verde	3740	1	Lechler Canyon	37-N			no paleo info			
22376	Ventura	Val Verde	3740	2	Lechler Canyon	37-N			no paleo info			
22377	Ventura	Val Verde	3741		Lechler Canyon	37-N			no paleo info			
22378	Ventura	Val Verde	3742		Lechler Canyon	37-N			no paleo info			
22379	Ventura	Val Verde	3743		Lechler Canyon	37-N			no paleo info			
22380	Ventura	Val Verde	3744		Lechler Canyon	37-N			no paleo info			
22381	Ventura	Val Verde	3745		Lechler Canyon	37-N			no paleo info			
22382	Ventura	Val Verde	3748		Lechler Canyon	37-N			no paleo info			
22383	Ventura	Val Verde	3748	3	Lechler Canyon	4-N			no paleo info			
22384	Ventura	Val Verde	3749		Lechler Canyon	37-N			no paleo info			
22385	Monterey	Spreckles	3749		Corral de Tierra	123-F	also has 4649 and	4950	Upper Miocene			
22386	Stanislaus	Wilcox Ridge?	3751		not found	108-L	Mt Boardman 15'?		poss U Cretaceous	Seiden		
22387	Stanislaus	Wilcox Ridge	3754		SE part of quad	108-L	Mt Boardman 15'		Upper Cretaceous	Seiden		
22388	Stanislaus	Wilcox Ridge	3757		SE part of quad	108-L	Mt Boardman 15'		Upper Cretaceous	Seiden		
22389	Stanislaus	Orestimba Peak	3759		Orestimba Ck area	108-L	Orestimba 15'		Upper Cretaceous	Seiden		
22390	Stanislaus	Orestimba Peak	3760		Orestimba Ck area	108-L	Orestimba 15'		U Cret D/E zones	Seiden		
22391	Imperial	Kane Spring NW?	3760		not on map	12-K	Kane Springs 15'		ostracods	brackish water		
22392	Stanislaus	Orestimba Peak	3761		Orestimba Ck area	108-L	Orestimba 15'		Upper Cretaceous	Seiden		
22393	Ventura	Piru	3762		Arundell Peak	9-N	also has #3822	Modelo Fm	Miocene?			
22394	Stanislaus	Orestimba Peak	3762		Orestimba Ck area	108-L	Orestimba 15'		U Cret D zone	Seiden		
22395	Stanislaus	Orestimba Peak	3763		Orestimba Ck area	108-L	Orestimba 15'		U Cret D-1 zone	Seiden		
22396	Stanislaus	Orestimba Peak	3764		Orestimba Ck area	108-L	Orestimba 15'		U Cret D-1 zone	Seiden		
22397	San Diego	Borrego Mountain SE	3764		N of Split Mtn	2-N	old Barrel Spr Q	good fauna	no paleo info			
22398	Imperial	Mount Signal	3766		Naval Reserve	48-H	Heber 15'		no paleo info			
22399	Imperial	Coyote Wells	3767		SW of BM 329	48-H	Coyote Wells 15'		no paleo info			
22400	Imperial	Coyote Wells	3768		SW of BM 330	48-H	Coyote Wells 15'	good fauna	no paleo info			
22401	Los Angeles	Mint Canyon	3776		W of Humphreys	84-J	old Humphreys Q		no paleo info			
22402	Contra Costa	Antioch South	3778		not on map	129-B	age from strat col		U Cret E zone	Christian		
22403	Contra Costa	Antioch South	3779		not on map	129-B	age from strat col		Upper Cretaceous	Christian		
22404	Contra Costa	Byron Hot Springs	3780		not on map	129-B	age from strat col		Cretaceous	Christian		
22405	Los Angeles	Mint Canyon	3780		Bouquet Canyon	84-J	old Humphreys Q		no paleo info			
22406	Los Angeles	Mint Canyon	3781		Bouquet Canyon	84-J	old Humphreys Q		no paleo info			
22407	Contra Costa	Byron Hot Springs	3781		not on map	129-B	age from strat col		Cretaceous	Christian		
22408	Contra Costa	Byron Hot Springs	3872		not on map	129-B	age from strat col		Cretaceous	Christian		
22409	Los Angeles	Newhall	3782		Haskell Canyon	84-J			no paleo info			
22410	Contra Costa	Byron Hot Springs	3783		not on map	129-B			not diagnostic	Christian		
22411	Los Angeles	Newhall	3783		Haskell Canyon	84-J			no paleo info			
22412	Los Angeles	Newhall	3784		S Francisquito Cyn	84-J			no paleo info			
22413	Contra Costa	Byron Hot Springs	3784		not on map	129-C	rad & diatom abun		not diagnostic	Christian		
22414	Los Angeles	Newhall	3785		Dry Cyn Reservoir	84-J			no paleo info			
22415	Los Angeles	Warm Springs Mtn	3786		Charlie Canyon	84-J	old Red Mtn Q		Miocene			
22416	Contra Costa	Byron Hot Springs	3786		not on map	129-C	rad & diatom abun		not diagnostic	Christian		
22417	Contra Costa	Byron Hot Springs	3787		not on map	129-C			Cretaceous?	Christian		
22418	Los Angeles	Warm Springs Mtn	3787		Charlie Canyon	84-J	old Red Mtn Q		Miocene			
22419	Contra Costa	Byron Hot Springs	3788		not on map	129-C			Eocene	Christian		
22420	Los Angeles	Warm Springs Mtn	3788		Charlie Canyon	84-J	old Red Mtn Q		not diagnostic			
22421	Contra Costa	Byron Hot Springs	3789		not on map	129-C			Eocene	Christian		
22422	Los Angeles	Oat Mountain	3792		Devil Canyon	49-G			no paleo info			
22423	Los Angeles	Oat Mountain	3794		could not find	49-J			no paleo info			
22424	Los Angeles	Oat Mountain	3796		Limekiln Canyon	49-J			no paleo info			
22425	Los Angeles	Oat Mountain	3797		Limekiln Canyon	49-J			Mohanian?			
22426	Kern	Sawtooth Ridge	3798		Devils Den	124-F	see slide 1571		no paleo info			
22427	Kern	Sawtooth Ridge	3799		Devils Den	124-F	see slide 1571		no paleo info			
22428	Los Angeles	Oat Mountain	3799		Browns Canyon	56-L			no paleo info			
22429	Los Angeles	Oat Mountain	3800		Browns Canyon	56-L			no paleo info			
22430	Los Angeles	Valyermo	3803		SC part of quad	46-F			Paleocene			
22431	Los Angeles	Valyermo	3804		SC part of quad	46-F			Paleocene			
22432	Merced	Los Banos Valley	3806		NE corner of quad	126-A	Quien Sabe 15'		U Cretaceous			
22433	Contra Costa	Antioch South	3815		Deer Vly Rd area	120-G	32/1N/2E		U Cret E zone	Christian		
22434	San Diego	San Luis Rey	3815		El Camino Real	81-I			no paleo info			
22435	San Diego	San Luis Rey	3816		SE corner quad	81-I			no paleo info			
22436	Napa	Capell Valley	3821	B	Suisun Creek	152-A	Mt Vaca 15'		not diagnostic	Vaughn		
22437	Ventura	Piru	3822		Lime Canyon	9-N	see # 3762		no paleo info			
22438	Ventura	Piru	3823		Lime Canyon	9-M			Mohanian?			
22439	Ventura	Piru	3824		Edwards Canyon	9-M			no paleo info			
22440	Solano	Mount George	3824		Suisun Valley	152-A			not diagnostic	Vaughn		
22441	San Luis Obispo	Santa Margarita Lake	3836		near Pippin Corner	30-I	Pozo 15'		Upper Cretaceous	Lauten.		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
22442	Shasta	Ono East	3837		not on map	152-A	Ono 15'	strat column	Jur/Cret L/M zone	Vaughn		
22443	Shasta	Ono East	3838	2	Cottonwood Creek	152-A	Ono 15'	strat column	L Cret K zone	Vaughn		
22444	San Luis Obispo	Pozo Summit	3838		Soto Canyon	30-I	Pozo 15'		Upper Cretaceous			
22445	San Luis Obispo	Pozo Summit	3839		Soto Canyon	30-I	Pozo 15'		Upper Cretaceous			
22446	San Luis Obispo	Pozo Summit	3840		Soto Canyon	30-I	Pozo 15'		Upper Cretaceous			
22447	Santa Barbara	Santa Rosa Hills	3841		Santa Rosa Hills	69K			Middle Miocene	Kraetsch		
22448	Santa Barbara	Lake Cachuma	3842		Tequepis Canyon	69K			Upper Miocene	Kraetsch		
22449	Santa Barbara	Lake Cachuma	3843		Tequepis Canyon	69K			Miocene	Kraetsch		
22450	Santa Barbara	Lake Cachuma	3844		Tequepis Canyon	69K			poss Upper Miocene	Kraetsch		
22451	Santa Barbara	Solvang	3845		Alisal Road	69K			not diagnostic	Kraetsch		
22452	Santa Barbara	Solvang	3846		Monjas Creek	69-K			not diagnostic	Kraetsch		
22453	Santa Barbara	Santa Ynez	3847	A	WC part of quad	69-K	Los Olivos 15'		not diagnostic	Kraetsch		
22454	Santa Barbara	Santa Ynez	3847	B	WC part of quad	69-K	Los Olivos 15'		not diagnostic	Kraetsch		
22455	Santa Barbara	Santa Ynez	3847	C	WC part of quad	69-K	Los Olivos 15'		not diagnostic	Kraetsch		
22456	Santa Barbara	Santa Ynez	3848		WC part of quad	69-K	Los Olivos 15'		not diagnostic	Kraetsch		
22457	Santa Barbara	Solvang	3849		Nojoqui Road	69-K			not diagnostic	Kraetsch		
22458	Santa Barbara	Solvang	3850		center of quad	69-K			Zemorrian	Kraetsch		
22459	Santa Barbara	Santa Ynez	3851		Quiota Creek	69-K	Los Olivos 15'		Middle Miocene	Kraetsch		
22460	Santa Barbara	Santa Ynez	3853		Quiota Creek	69-K	Los Olivos 15'		Upper Zemorrian	Kraetsch		
22461	Santa Barbara	Santa Ynez	3854		Quiota Creek	69-K	Los Olivos 15'		barren	Kraetsch		
22462	Santa Barbara	Santa Ynez	3855		Quiota Creek	69-K	Los Olivos 15'		Relizian	Kraetsch		
22463	Santa Barbara	Santa Ynez	3856		Quiota Creek	69-K	Los Olivos 15'		Miocene	Kraetsch		
22464	Santa Barbara	Santa Ynez	3857		Quiota Creek	69-K	Los Olivos 15'		Miocene	Kraetsch		
22465	Santa Barbara	Santa Ynez	3858		San Lucas Creek	69-K	Los Olivos 15'		barren	Kraetsch		
22466	Santa Barbara	Santa Ynez	3859		San Lucas Creek	69-K	Los Olivos 15'		Miocene	Kraetsch		
22467	Santa Barbara	Santa Ynez	3860		San Lucas Creek	69-K	Los Olivos 15'		Lower Mohnian	Kraetsch		
22468	Santa Barbara	Santa Rosa Hills	3861		Santa Ynez River	69-K			poss Eocene	Kraetsch		
22469	Santa Barbara	Lake Cachuma	3864		Hilton Canyon	69-K			not diagnostic	Kraetsch		
22470	Santa Barbara	Tepsuquet Canyon	3869		WC part of quad	164-J	Tepsuquet Pk 15'		prob Saucian	Kraetsch		
22471	Santa Barbara	Tepsuquet Canyon	3870		WC part of quad	164-J	Tepsuquet Pk 15'		not diagnostic	Kraetsch		
22472	Santa Barbara	Tepsuquet Canyon	3874		WC part of quad	164-J	Tepsuquet Pk 15'		L or M Miocene	Kraetsch		
22473	Santa Barbara	Tepsuquet Canyon	3875		Tepsuquet Creek	164-J	Tepsuquet Pk 15'		Saucian	Kraetsch		
22474	San Luis Obispo	Caldwell Mesa	3877		Salt Creek	69-K	Nipomo 15'		Luisian	Zeni		
22475	San Luis Obispo	Caldwell Mesa	3878		Salt Creek	69-K	Nipomo 15'		Relizian	Zeni		
22476	San Luis Obispo	Caldwell Mesa	3879		E of Porter Ranch	69-K	Nipomo 15'		Relizian	Moberly		
22477	San Luis Obispo	Caldwell Mesa	3880		E of Porter Ranch	69-K	Nipomo 15'		prob Relizian	Moberly		
22478	San Luis Obispo	Caldwell Mesa	3881		E of Porter Ranch	69-K	Nipomo 15'		Middle Miocene	Moberly		
22479	San Luis Obispo	Caldwell Mesa	3882		E of Porter Ranch	69-K	Nipomo 15'		not diagnostic	Moberly		
22480	Contra Costa	Antioch South	3884		Nr Stewartville	121-E	11/1N/1E (SLP)		not diagnostic			
22481	Contra Costa	Antioch South	3885		Nr Stewartville	121-E	11/1N/1E (SLP)		Eocene B-4 zone			
22482	Contra Costa	Antioch South	3886		Nr Stewartville	121-E	11/1N/1E (SLP)		Eocene B-4 zone			
22483	San Luis Obispo	Caldwell Mesa	3887		Arroyo Seco	69-K	Nipomo 15'		Relizian	Moberly		
22484	Contra Costa	Antioch South	3887		Nr Stewartville	121-E	11/1N/1E (SLP)		Eocene			
22485	Contra Costa	Antioch South	3888		Nr Stewartville	121-E	11/1N/1E (SLP)		not diagnostic			
22486	San Luis Obispo	Caldwell Mesa	3888		Joaquin Canyon	69-K	Nipomo 15'		Luisian	Moberly		
22487	San Luis Obispo	Caldwell Mesa	3889		Joaquin Canyon	69-K	Nipomo 15'		Luisian	Moberly		
22488	Contra Costa	Antioch South	3889		Nr Stewartville	121-E	11/1N/1E (SLP)		Eocene			
22489	Contra Costa	Antioch South	3890		Nr Stewartville	121-E	14/1N/1E (SLP)		Paleocene D zone			
22490	San Luis Obispo	Caldwell Mesa	3890		Joaquin Canyon	69-K	Nipomo 15'		Middle Miocene	Moberly		
22491	Contra Costa	Antioch South	3891		Nr Stewartville	121-E	14/1N/1E (SLP)		Paleocene D zone			
22492	San Luis Obispo	Caldwell Mesa	3891		Joaquin Canyon	69-K			Upper Miocene	Moberly		
22493	San Luis Obispo	Caldwell Mesa	3893		Huasna River	69-K	Nipomo 15'		Miocene/Pliocene	Moberly		
22494	San Luis Obispo	Caldwell Mesa	3894		Huasna River	69-K	Nipomo 15'		not diagnostic	Moberly		
22495	San Luis Obispo	Caldwell Mesa	3895		Huasna River	69-K	Nipomo 15'		Luisian	Moberly		
22496	San Luis Obispo	Caldwell Mesa	3896		Huasna River	69-K	Nipomo 15'		Luisian	Moberly		
22497	San Luis Obispo	Caldwell Mesa	3897		Huasna River	69-K	Nipomo 15'		Upper Miocene	Moberly		
22498	San Luis Obispo	Caldwell Mesa	3899		Huasna River	69-K	Nipomo 15'		not diagnostic	Moberly		
22499	San Luis Obispo	Caldwell Mesa	3900		Huasna River	69-K	Nipomo 15'		not diagnostic	Moberly		
22500	Santa Barbara	Tepsuquet Canyon	3903		not found	164-J	Tepusquet Pk 15'		Cretaceous			
22501	Santa Barbara	Tepsuquet Canyon	3905		NC part of quad	164-J	Tepusquet Pk 15'		not diagnostic			
22502	Santa Barbara	Tepsuquet Canyon	3907		NC part of quad	164-J	Tepusquet Pk 15'		Middle Miocene			
22503	Santa Barbara	San Marcos Pass	3908		EC S Ynez River	164-J			Relizian			
22504	Santa Barbara	Little Pine Mountain	3909		Santa Ynez River	164-J	Gibraltar Dam 15'		Lower Miocene	Kraetsch &		
22505	Santa Barbara	Point Sal	3913		SE corner quad	69-J	Point Sal 15'		Relizian	Kraetsch &		
22506	Santa Barbara	Point Sal	3915		SE corner quad	69-J	Point Sal 15'		not diagnostic	Kraetsch &		
22507	Santa Barbara	Lompoc Hills	3916		not found	69-J	Lompoc 15'		poss Upper Miocene	Kraetsch &		
22508	Santa Barbara	Tepsuquet Canyon	3917		NW corner quad	69-J	Tepusquet Pk 15'		Zemorrian	Kraetsch &		
22509	Santa Barbara	Tepsuquet Canyon	3918		NW corner quad	69-J	Tepusquet Pk 15'		Zemorrian	Kraetsch &		
22510	Santa Barbara	Tepsuquet Canyon	3919		NW corner quad	69-J	Tepusquet Pk 15'		Zemorrian	Kraetsch &		
22511	Santa Barbara	Tepsuquet Canyon	3920		NW corner quad	69-J	Tepusquet Pk 15'		Zemorrian	Kraetsch &		
22512	San Luis Obispo	Morro Bay South	3921		SE corner quad	164-J	Cayucos 15'		Relizian	Zeni		
22513	San Luis Obispo	Morro Bay South?	3922		not on map	164-J	Cayucos 15'	Foxen Fm	Pliocene	Zeni		
22514	San Luis Obispo	Caldwell Mesa	3924		Trout Creek area	69-J	Nipomo 15'	rubber casts	Middle Miocene	Moberly		
22515	San Luis Obispo	Caldwell Mesa	3925		Trout Creek area	69-J	Nipomo 15'	rubber casts	Miocene	Moberly		
22516	San Luis Obispo	Caldwell Mesa	3927		Trout Creek area	69-J	Nipomo 15'		not diagnostic	Moberly		
22517	San Luis Obispo	Tar Springs Ridge	3928		NE corner of quad	163-I	Nipomo 15'		no paleo info			
22518	San Luis Obispo	Tar Springs Ridge	3929		NE corner of quad	163-I	Nipomo 15'		no paleo info			
22519	San Luis Obispo	Tar Springs Ridge	3930		NE corner of quad	163-I	Nipomo 15'		no paleo info			
22520	San Luis Obispo	Tar Springs Ridge	3931		NE corner of quad	163-I	Nipomo 15'		no paleo info			
22521	San Luis Obispo	Tar Springs Ridge	3932		NE corner of quad	163-I	Nipomo 15'		no paleo info			
22522	San Luis Obispo	Twitchell Dam	3933		NE corner of quad	163-I			no paleo info			
22523	San Luis Obispo	Twitchell Dam	3934		center of quad	163-I			no paleo info			
22524	San Luis Obispo	Huasna Peak	3935		Alamo Creek	163-I			no paleo info			
22525	San Luis Obispo	Twitchell Dam	3936		WC part of quad	163-I			no paleo info			
22526	San Luis Obispo	Twitchell Dam	3942		Nr Twitchell Dam	69-J			Zemorrian	Kraetsch		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
22527	San Luis Obispo	Twitchell Dam	3943		Nr Twitchell Dam	69-J			Zemorrian	Kraetach		
22528	San Luis Obispo	Twitchell Dam	3944		Nr Twitchell Dam	69-J			Zemorrian	Kraetach		
22529	San Luis Obispo	Twitchell Dam	3945		center of quad	69-J			poss U Miocene	Kraetach		
22530	San Luis Obispo	Twitchell Dam	3946		center of quad	69-J			Lower Miocene	Kraetach		
22531	Los Angeles	El Monte	3963		Rose Hills Park	37-G			no paleo info			
22532	Los Angeles	El Monte	3964		E of Bartolo	37-G			no paleo info			
22533	Los Angeles	El Monte	3965		E of Bartolo	37-G			no paleo info			
22534	Los Angeles	El Monte	3984		E of Bartolo	35-N			no paleo info			
22535	Los Angeles	Whittier	4000		Turnbull Canyon	31-N			no paleo info			
22536	Los Angeles	La Habra	4010		Hacienda Blvd	31-N			no paleo info			
22537	Orange	El Toro	4036		Near Lambert Res	31-N			Lower Mohnian			
22538	Ventura	Simi Valley East	4202		center of quad	140-G	Llajas Frm	large forams	Eocene			
22539	Orange	Orange	4212		NE corner of quad	31-N			no paleo info			
22540	Orange	Orange	4213		NE corner of quad	31-N			no paleo info			
22541	Orange	Orange	4214		NE corner of quad	31-N			no paleo info			
22542	Ventura	Ventura	4426		center of quad	63-F			no paleo info			
22543	Orange	El Toro	4430		Alisos Avenue	31-N			Lower Mohnian			
22544	Orange	El Toro	4432	1	NW part of quad	31-N	rubber mold?		Miocene			
22545	Orange	El Toro	4432	2	NW part of quad	31-N	rubber mold?		Miocene			
22546	Orange	El Toro	4437		Limestone Canyon	31-N			Mohnian			
22547	Shasta	Ono	4451		Nr Cottonwood Ck	148-G	not on map		L Cret K zone	Lankford		
22548	Orange	Yorba Linda	4507		East of Olinda	44-I			no paleo info			
22549	Los Angeles	Glendora	4522		Spring Canyon	31-N	not on map		no paleo info			
22550	Orange	Yorba Linda	4523		NW part of quad	31-N			no paleo info			
22551	Mendocino	Point Arena	4550		Mountain View Rd	115-E	Pt Arena 15'		Miocene?	Tarbet		
22552	Santa Barbara	Gaviota	4578		near Gaviota	118-G			Saucesian			
22553	Santa Barbara	Gaviota	4579		near Gaviota	118-G			Saucesian			
22554	Santa Barbara	Gaviota	4580		near Gaviota	118-G			not diagnostic			
22555	Santa Barbara	Gaviota	4581		near Gaviota	118-G			Saucesian			
22556	Santa Cruz?	Felton?	4586		not found	123-E	Santa Cruz area	planktics only	not diagnostic	Starke		
22557	San Mateo	Half Moon Bay	4588		Digges Canyon	123-E			Luisian	Starke		
22558	San Mateo	Half Moon Bay	4589		Madonna Creek	123-E			Luisian	Starke		
22559	San Mateo	Woodside	4593		Purisima Ck Road	123-F			Miocene?			
22560	Santa Barbara	Tranquillon Mountain	4602		Canada Rodeo	68-G		flood planktics	Eocene A zone			
22561	Santa Barbara	Lompoc Hills	4609		Escondito Creek	19-F			not diagnostic			
22562	Santa Barbara	Lompoc Hills	4610		Escondito Creek	19-F			Mohnian			
22563	Santa Barbara	Lompoc Hills	4611		Escondito Creek	19-F			Saucesian			
22564	Santa Barbara	Lompoc Hills	4612		Escondito Creek	19-F			not diagnostic			
22565	Santa Barbara	Lompoc Hills	4613		center of quad	19-F			Mohnian			
22566	Santa Barbara	Lompoc Hills	4614	1	Escondito Creek	19-F			Relizian			
22567	Santa Barbara	Lompoc Hills	4614	2	Escondito Creek	19-F			Relizian			
22568	Santa Barbara	Lompoc Hills	4616		Escondito Creek	19-F			Lower Mohnian			
22569	Santa Cruz?	Santa Cruz?	4621		not on map	16-K	shallow water	Purisima?	Plio/Pleistocene	Starke		
22570	Santa Cruz?	Santa Cruz?	4622		not on map	16-K			Luisian	Starke		
22571	Ventura	Pitas Point	4623		Javon Canyon	19-L		good fauna	no paleo info			
22572	Ventura	Pitas Point	4624		Punta Gorda	19-L		good fauna	Pliocene			
22573	Marin	Double Point	4624		Bear Valley	123-F			no paleo info	Wright		
22574	Marin	Double Point	4625		Bear Valley	123-F			no paleo info	Wright		
22575	Marin	Double Point	4626		Bear Valley	123-F			no paleo info	Wright		
22576	Marin	Double Point	4627		Wildcat Lakes area	123-F			no paleo info	Wright		
22577	Marin	Double Point	4628		Wildcat Lakes area	123-F			no paleo info	Wright		
22578	Marin	Double Point	4630		Wildcat Lakes area	123-F			no paleo info	Wright		
22579	Los Angeles	Thousand Oaks	4631		Lindero area	56-L			no paleo info			
22580	Marin	Double Point	4634		Wildcat Lakes area	123-F			no paleo info	Wright		
22581	Marin	Double Point	4636		Wildcat Lakes area	123-F			no paleo info	Wright		
22582	Marin	Double Point	4637		Wildcat Lakes area	123-F			no paleo info	Wright		
22583	Los Angeles	San Fernando	4640		Hansen Dam area	31-L	old Pacoima Quad		no paleo info			
22584	Los Angeles	San Fernando	4641		Hansen Dam area	31-L			no paleo info			
22585	Los Angeles	San Fernando	4642		Hansen Dam area	31-L			no paleo info			
22586	Los Angeles	San Fernando	4643		Hansen Dam area	31-L			no paleo info			
22587	Los Angeles	San Fernando	4644		Hansen Dam area	31-K			no paleo info			
22588	Los Angeles	San Fernando	4645		Hansen Dam area	41-H			no paleo info			
22589	Los Angeles	San Fernando	4646		Hansen Dam area	41-H			no paleo info			
22590	Marin	Double Point	4646		Double Pt area	123-F			no paleo info	Wright		
22591	Los Angeles	San Fernando	4648		Hansen Dam area	31-K			no paleo info			
22592	Monterey	Spreckles	4649		Corral de Tierra	123-F	24/16S/2E (SLP)	see #3749	Upper Miocene			
22593	Ventura	Matilija	4660		Maricopa Road	39-B			no paleo info			
22594	Ventura	Matilija	4661		Maricopa Road	39-B			no paleo info			
22595	Ventura	Matilija	4662		Maricopa Road	39-B			no paleo info			
22596	Ventura	Matilija	4663		Maricopa Road	39-B			no paleo info			
22597	Ventura	Matilija	4664		Maricopa Road	39-B			no paleo info			
22598	Ventura	Matilija	4665		Maricopa Road	39-B			no paleo info			
22599	Ventura	Matilija	4666		Maricopa Road	39-B			no paleo info			
22600	Ventura	Matilija	4667		Maricopa Road	39-B			no paleo info			
22601	San Bernardino	Prado Dam	4668		Slaughter Canyon	37-M			no paleo info			
22602	San Bernardino	Prado Dam	4676		SE part of quad	35-A	Chino Hills		no paleo info			
22603	San Bernardino	Prado Dam	4681		Slaughter Canyon	35-A	Chino Hills		no paleo info			
22604	San Bernardino	Prado Dam	4683		SE part of quad	35-A	Chino Hills		no paleo info			
22605	San Bernardino	Prado Dam	4684		SE part of quad	35-A	Chino Hills		no paleo info			
22606	San Bernardino	Prado Dam	4687		SE part of quad	35-A	Chino Hills		no paleo info			
22607	San Bernardino	Prado Dam	4692		SE part of quad	35-A	Chino Hills		no paleo info			
22608	San Bernardino	Prado Dam	4693	1	SE part of quad	35-A	Chino Hills		no paleo info			
22609	San Bernardino	Prado Dam	4693	2	SE part of quad	35-A	Chino Hills		no paleo info			
22610	San Bernardino	Prado Dam	4693	3	SE part of quad	35-B	Chino Hills		no paleo info			
22611	San Bernardino	Prado Dam	4697		center of quad	35-B	Chino Hills		no paleo info			

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1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ONE/SERIES/AGI	COLLECTORS		
22612	San Bernardino	Prado Dam	4698	1	Slaughter Canyon	35-B	Chino Hills		no paleo info			
22613	San Bernardino	Prado Dam	4698	2	Slaughter Canyon	35-B	Chino Hills		no paleo info			
22614	San Bernardino	Prado Dam	4700		SE part of quad	35-B	Chino Hills		no paleo info			
22615	San Bernardino	Prado Dam	4701	1	SE part of quad	35-B	Chino Hills		no paleo info			
22616	San Bernardino	Prado Dam	4701	2	SE part of quad	35-B	Chino Hills		no paleo info			
22617	San Bernardino	Prado Dam	4601	3	SE part of quad	35-B	Chino Hills		no paleo info			
22618	San Bernardino	Prado Dam	4701	4	SE part of quad	35-B	Chino Hills		no paleo info			
22619	San Bernardino	Prado Dam	4701	5	SE part of quad	35-B	Chino Hills		no paleo info			
22620	San Bernardino	Prado Dam	4718		SE part of quad	35-N	Chino Hills		no paleo info			
22621	Santa Barbara	Santa Ynez	4774		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
22622	Santa Barbara	Santa Ynez	4775		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
22623	Santa Barbara	Santa Ynez	4776		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
22624	Santa Barbara	Santa Ynez	4778		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
22625	Santa Barbara	Santa Ynez	4779		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
22626	Merced	Howard Ranch	4780		near Howard Rnch	125-A	Pacheco Pass 15'	strat column	U Cret D-2 zone	Porter		
22627	Merced	Howard Ranch	4781		near Howard Rnch	125-A	Pacheco Pass 15'	age from map	U Cret C/D zones	Porter		
22628	Santa Barbara	Santa Ynez	4781	A	Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
22629	Santa Barbara	Santa Ynez	4781	B	Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
22630	Santa Barbara	Santa Ynez	4782		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
22631	Merced	Howard Ranch	4782		near Howard Rnch	125-A	Pacheco Pass 15'	age from map	U Cret C/D zones	Porter		
22632	Santa Barbara	Santa Ynez	4783		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
22633	Santa Barbara	Santa Ynez	4784		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
22634	Merced	Howard Ranch	4784		near Howard Rnch	125-A	Pacheco Pass 15'	age from map	U Cret C/D zones	Porter		
22635	Merced	Howard Ranch	4786		near Howard Rnch	125-A	Pacheco Pass 15'	age from map	U Cret C/D zones	Porter		
22636	Merced	Howard Ranch	4787		near Howard Rnch	125-A	Pacheco Pass 15'	age from map	U Cret C/D zones	Porter		
22637	Santa Barbara	Santa Ynez	4787	A	Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
22638	Santa Barbara	Santa Ynez	4787	B	Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
22639	Santa Barbara	Santa Ynez	4788		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
22640	Merced	Howard Ranch	4788		near Howard Rnch	125-A	Pacheco Pass 15'	age from map	U Cret C/D zones	Porter		
22641	Santa Barbara	Santa Ynez	4789		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
22642	Santa Barbara	Santa Ynez	4790		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
22643	Santa Barbara	Santa Ynez	4791		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
22644	Los Angeles	San Fernando	4792		Hansen Dam area	31-N	Osborne/Glennoaks		no paleo info			
22645	Santa Barbara	Solvang?	4793		EC part of quad	37-M			no paleo info			
22646	Santa Barbara	Solvang?	4795	1	NW corner quad	19-D	Slide says Santa	Rosa Hills but	Miocene?			
22647	Santa Barbara	Solvang?	4795	3	NW corner quad	19-D	not shown on map	Loc 4795 is on	Miocene?			
22648	Santa Barbara	Solvang?	4795	2A	NW corner quad	19-D	Solvang Quad. Slide also says ro		Miocene?			
22649	Santa Barbara	Solvang?	4795	R20	NW corner quad	9-I	unit is Vaqueros.		Miocene?			
22650	Santa Barbara	Solvang?	4795	2	NW corner quad	37-M			Miocene?			
22651	Santa Barbara	Solvang?	4795	2	NW corner quad	37-M			Miocene?			
22652	Santa Barbara	Solvang?	4795	3	NW corner quad	37-M			Miocene?			
22653	Santa Barbara	Sacate	4797		Can de S Anita	37-M			no paleo info			
22654	Santa Barbara	Gaviota	4800		E of Gaviota	37-M			no paleo info			
22655	Merced	Howard Ranch	4803		W of Romero	125-A	Pacheco Pass 15'	age from map	U Cret E zone	Porter		
22656	Santa Barbara	Sacate	4803		Can del Agua	37-M			no paleo info			
22657	Santa Barbara	Sacate	4804		Can Bulito	37-M			no paleo info			
22658	Merced	Howard Ranch	4805		W of Romero	125-A	Pacheco Pass 15'	strat column	U Cret D-2 zone	Porter		
22659	Merced	Howard Ranch	4806		W of Romero	125-A	Pacheco Pass 15'	age from map	U Cret D-2 zone	Porter		
22660	Merced	Howard Ranch	4807		W of Romero	125-A	Pacheco Pass 15'	age from map	U Cret D-2 zone	Porter		
22661	Merced	Howard Ranch	4810		W of Marshall Rd	125-A	Pacheco Pass 15'	age from map	U Cret D-2 zone	Porter		
22662	Merced	Howard Ranch	4811		W of Marshall Rd	125-A	Pacheco Pass 15'	age from map	U Cret D-2 zone	Porter		
22663	Santa Barbara	Point Conception	4811		Can Cementerio	37-M			no paleo info			
22664	Santa Barbara	Point Conception	4812		Canada Cojo	37-M			no paleo info			
22665	Merced	Howard Ranch	4812		near Howard Rnch	125-A	Pacheco Pass 15'	age from map	U Cret D-2 zone	Porter		
22666	Merced	Howard Ranch	4813		near Howard Rnch	125-A	Pacheco Pass 15'	age from map	poss UK D-1 zone	Porter		
22667	Santa Barbara	Point Conception?	4813		not on map	37-M			no paleo info			
22668	Santa Barbara	Gaviota	4814	20	NW corner quad	37-M			Lower Zemorrian			
22669	Santa Barbara	Gaviota	4814	1	NW corner quad	37-M			Lower Zemorrian			
22670	Santa Barbara	Gaviota	4814	2	NW corner quad	37-M			Lower Zemorrian			
22671	Santa Barbara	Gaviota	4814	3	NW corner quad	37-M			Lower Zemorrian			
22672	Santa Barbara	Gaviota	4814	4	NW corner quad	37-M			Lower Zemorrian			
22673	Santa Barbara	Gaviota	4814	5	NW corner quad	37-M			Lower Zemorrian			
22674	Santa Barbara	Gaviota	4814	6	NW corner quad	37-M			Lower Zemorrian			
22675	Merced	San Luis Dam	4815		East of dam	125-A			not diagnostic	Porter		
22676	Merced	San Luis Dam	4818		East of dam	125-A			not diagnostic	Porter		
22677	Santa Barbara	Gaviota	4821	2	Gaviota Pass	37-L	also has # 4848	strat column	Refugian			
22678	Santa Barbara	Gaviota	4821	3	Gaviota Pass	37-K	also 4830, 4840	strat column	Refugian			
22679	Santa Barbara	Gaviota	4821	4	Gaviota Pass	37-K	also has # 4848	strat column	Refugian			
22680	Santa Barbara	Gaviota	4821	5	Gaviota Pass	37-K	also has # 4848	strat column	Refugian			
22681	Merced	San Luis Dam	4823		SE part of quad	125-A		strat column	Cretaceous	Porter		
22682	Merced	Volta	4825		SW of Volta	125-A		strat column	Cretaceous	Porter		
22683	Merced	Volta	4826		SW of Volta	125-A		strat column	Cretaceous	Porter		
22684	Merced	Volta	4827		SW of Volta	125-A		strat column	Cretaceous	Porter		
22685	Merced	Volta	4828		SW of Volta	125-A		strat column	Cretaceous	Porter		
22686	Merced	Volta	4829		SW of Volta	125-A		strat column	Cretaceous	Porter		
22687	Merced	Volta	4830		SW of Volta	125-A		strat column	Cretaceous	Porter		
22688	Santa Barbara	Sacate	4830	12	Can Santa Anita	37-L		strat column	Refugian			
22689	Merced	Volta	4831		SW of Volta	125-A		strat column	Cretaceous	Porter		
22690	Santa Barbara	Santa Rosa Hills	4832	7	El Callejon Creek	37-K			no paleo info			
22691	Santa Barbara	Santa Rosa Hills	4832	8	El Callejon Creek	37-K			no paleo info			
22692	Santa Barbara	Santa Rosa Hills	4832	9	El Callejon Creek	37-K			no paleo info			
22693	Merced	Volta	4833		SW of Volta	125-A			no paleo info			
22694	Santa Barbara	Sacate	4833	1	NW corner quad	37-L	also 4838	strat column	Lower Zemorrian			
22695	Santa Barbara	Sacate	4833	6	NW corner quad	37-L		strat column	Lower Zemorrian			
22696	Santa Barbara	Sacate	4833	7	NW corner quad	37-K	also 4837, 4838	strat column	Lower Zemorrian			

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1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
22697	Santa Barbara	Sacate	4833	8	NW corner quad	37-K		strat column	Lower Zemorrian			
22698	Santa Barbara	Sacate	4833	11	NW corner quad	37-K	also 4837	strat column	Lower Zemorrian			
22699	Santa Barbara	Sacate	4833	12	NW corner quad	37-K		strat column	Lower Zemorrian			
22700	Santa Barbara	Sacate	4833	13	NW corner quad	37-K		strat column	Lower Zemorrian			
22701	Santa Barbara	Sacate	4834	1	NW corner quad	37-K			no paleo info			
22702	Santa Barbara	Sacate	4834	2	NW corner quad	37-K			no paleo info			
22703	Santa Barbara	Sacate	4834	3	NW corner quad	37-K			no paleo info			
22704	Santa Barbara	Sacate	4834	4	NW corner quad	37-K			no paleo info			
22705	Santa Barbara	Sacate	4834	5	NW corner quad	37-K			Have NP list on card			
22706	Santa Barbara	Sacate	4834	6	NW corner quad	37-K			no paleo info			
22707	Santa Barbara	Sacate	4835	2	NW corner quad	37-K			no paleo info			
22708	Santa Barbara	Sacate	4835	4	NW corner quad	37-K			no paleo info			
22709	Santa Barbara	Sacate	4837	2	Ar San Augustin	37-K			no paleo info			
22710	Santa Barbara	Sacate	4837	3	Ar San Augustin	37-K			Have NP list on card			
22711	Santa Barbara	Sacate	4837	4	Ar San Augustin	37-K			no paleo info			
22712	Santa Barbara	Sacate	4837	5	Ar San Augustin	37-K			no paleo info			
22713	Santa Barbara	Sacate	4837	6	Ar San Augustin	37-K			no paleo info			
22714	Santa Barbara	Sacate	4837	7	Ar San Augustin	37-K			no paleo info			
22715	Santa Barbara	Sacate	4837	8	Ar San Augustin	37-K			no paleo info			
22716	Santa Barbara	Sacate	4837	10	Ar San Augustin	37-K			no paleo info			
22717	Merced	Volta	4837		Los Banos	125-K			no paleo info			
22718	Santa Barbara	Point Conception	4838	3	Can Cementario	37-K			no paleo info			
22719	Santa Barbara	Point Conception	4838	10	Can Cementario	37-K			no paleo info			
22720	Santa Barbara	Point Conception	4838	11	Can Cementario	37-K			no paleo info			
22721	Merced	San Luis Dam	4840		O'Neill Dam	125-A			no paleo info	Porter		
22722	Santa Barbara	Point Conception	4840	1	Can Cementario	37-L			no paleo info			
22723	Santa Barbara	Point Conception	4840	3	Can Cementario	37-L			no paleo info			
22724	Santa Barbara	Point Conception	4840	4	Can Cementario	37-L			no paleo info			
22725	Santa Barbara	Point Conception	4840	11	Can Cementario	37-L			no paleo info			
22726	Santa Barbara	Point Conception	4840	12	Can Cementario	37-L			no paleo info			
22727	Santa Barbara	Point Conception	4840	13	Can Cementario	37-L			Have NP list on card			
22728	Santa Barbara	Point Conception	4840	14	Can Cementario	37-L			no paleo info			
22729	Santa Barbara	Point Conception	4840	15	Can Cementario	37-L			no paleo info			
22730	Merced	Howard Ranch	4843		Mustang Creek	125-A	Pacheco Pass 15'	strat column	Cretaceous	Porter		
22731	Merced	Howard Ranch	4844		Garzas Creek	125-A	Pacheco Pass 15'	strat column	Cretaceous	Porter		
22732	Santa Barbara	Point Conception	4845	1	Damsite Canyon	37-L			no paleo info			
22733	Santa Barbara	Point Conception	4845	2	Damsite Canyon	37-L			no paleo info			
22734	Santa Barbara	Point Conception	4845	3	Damsite Canyon	37-L			no paleo info			
22735	Santa Barbara	Point Conception	4845	4	Damsite Canyon	37-L			no paleo info			
22736	Santa Barbara	Point Conception	4845	5	Damsite Canyon	37-L			no paleo info			
22737	Santa Barbara	Point Conception	4845	6	Damsite Canyon	37-L			no paleo info			
22738	Santa Barbara	Point Conception	4845	8	Damsite Canyon	37-L		Cozy Dell	no paleo info			
22739	Santa Barbara	Point Conception	4845	9	Damsite Canyon	37-L			no paleo info			
22740	Santa Barbara	Point Conception	4845		Damsite Canyon	37-L			no paleo info			
22741	Merced	Howard Ranch	4845		Mustang Creek	125-A	Pacheco Pass 15'	strat column	Cretaceous	Porter		
22742	Merced	Howard Ranch	4846		Mustang Creek	125-A	Pacheco Pass 15'	strat column	Cretaceous	Porter		
22743	Merced	Howard Ranch	4847		Mustang Creek	125-A	Pacheco Pass 15'	strat column	Cretaceous	Porter		
22744	Santa Barbara	Point Conception	4848	1	Nr Las Animas Spr	37-L			no paleo info			
22745	Santa Barbara	Point Conception	4848	4	Nr Las Animas Spr	37-L			no paleo info			
22746	Santa Barbara	Point Conception	4848	5	Nr Las Animas Spr	37-L			no paleo info			
22747	Santa Barbara	Point Conception	4848	11	Nr Las Animas Spr	37-L			no paleo info			
22748	Merced	Howard Ranch	4848		Mustang Creek	125-A	Pacheco Pass 15'	strat column	Cretaceous	Porter		
22749	Merced	Howard Ranch	4850		Mustang Creek	125-A	Pacheco Pass 15'	strat column	Cretaceous	Porter		
22750	Santa Barbara	Santa Rosa Island No	4851	A	not on map	42-J	"Pecho Peak"		Miocene			
22751	Santa Barbara	Santa Rosa Island No	4851	B	not on map	42-J	SE corner of quad	flood planktics	Saucesian?			
22752	Merced	Howard Ranch	4854	12	Mustang Creek	125-A	Pacheco Pass 15'		no paleo info	Porter		
22753	Merced	Laguna Seca Ranch	4857		NW corner quad	125-A	Ortigalita Pk 15'	f seismic map	U Cret E zone	Porter		
22754	Stanislaus	Crevison Peak	4860		Garzas Creek	125-A		strat column	Cretaceous	Porter		
22755	Stanislaus	Crevison Peak	4862		Garzas Creek	125-B		strat column	Cretaceous	Seiden		
22756	Santa Barbara	Santa Cruz Island A	4862		Morse Point	42-J	see #246 for	paleo report	Relizian?			
22757	Santa Barbara	Santa Cruz Island A	4863		Morse Point	42-J			Saucesian?			
22758	Merced	Crevison Peak	4864		Garzas Creek	125-B		strat column	Cretaceous			
22759	Santa Barbara	Santa Cruz Island A	4864		Morse Point	42-J			Saucesian			
22760	Stanislaus	Crevison Peak	4865	U	Oat Gulch	125-B		strat column	Cretaceous	Seiden		
22761	Stanislaus	Crevison Peak	4865	L	Oat Gulch	125-B		strat column	Cretaceous	Seiden		
22762	Santa Barbara	Santa Cruz Island A	4865		Canada de Posa	42-J			Eocene			
22763	Stanislaus	Crevison Peak	4866		Garzas Creek	125-B		strat column	Cretaceous			
22764	Santa Barbara	Santa Cruz Island A	4867	1	Canada de Posa	42-J			Eocene?			
22765	Santa Barbara	Santa Cruz Island A	4867	2	Canada de Posa	42-J			Eocene?			
22766	Stanislaus	Crevison Peak	4869		Garzas Creek	125-B		strat column	Cretaceous	Seiden		
22767	Stanislaus	Crevison Peak	4870		Garzas Creek	125-B		strat column	Cretaceous	Seiden		
22768	Stanislaus	Crevison Peak	4871		Garzas Creek	125-B		strat column	Cretaceous	Seiden		
22769	Stanislaus	Crevison Peak	4872		Garzas Creek	125-B		strat column	Cretaceous	Seiden		
22770	Stanislaus	Crevison Peak	4873		Garzas Creek	125-B		strat column	Cretaceous	Seiden		
22771	Stanislaus	Crevison Peak	4874		Garzas Creek	125-B		strat column	Cretaceous	Seiden		
22772	Stanislaus	Crevison Peak	4876		Garzas Creek	125-B		strat column	Cretaceous	Seiden		
22773	Stanislaus	Howard Ranch	4880		Garzas Creek	125-B	Pacheco Pass 15'	age from map	U Cret D zone	Seiden		
22774	Stanislaus	Howard Ranch	4881		Garzas Creek	125-B	Pacheco Pass 15'	strat column	Cretaceous	Seiden		
22775	Stanislaus	Orestimba Peak	4884	U	Orestimba Creek	125-B	Orestimba 15'		no paleo info			
22776	Stanislaus	Orestimba Peak	4884	L	Orestimba Creek	125-B	Orestimba 15'		no paleo info			
22777	Santa Barbara	San Marcos Pass	4884	7	not on map	26-I		strat column	Refugian			
22778	Santa Barbara	San Marcos Pass	4884	13	not on map	26-I		strat column	Refugian			
22779	Santa Barbara	San Marcos Pass	4884	18	not on map	26-I			Refugian			
22780	Stanislaus	Orestimba Peak	4885		Orestimba Creek	125-B	Orestimba 15'	strat column	Cretaceous			
22781	Stanislaus	Orestimba Peak	4886		Orestimba Creek	125-B	Orestimba 15'	strat column	Cretaceous			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
22782	Stanislaus	Orestimba Peak	4887		Orestimba Creek	125-B	Orestimba 15'	strat column	Cretaceous			
22783	Santa Barbara	Dos Pueblos Canyon	4887	7	Tecolote Canyon	26-I		strat column	Eocene			
22784	Santa Barbara	Dos Pueblos Canyon	4887	5	Tecolote Canyon	26-I		strat column	Eocene			
22785	Santa Barbara	Dos Pueblos Canyon	4887	6	Tecolote Canyon	26-I		strat column	Eocene			
22786	Santa Barbara	Dos Pueblos Canyon	4887	8	Tecolote Canyon	26-I		strat column	Eocene			
22787	Stanislaus	Orestimba Peak	4888		Orestimba Creek	125-B	Orestimba 15'	strat column	Cretaceous			
22788	Santa Barbara	Dos Pueblos Canyon	4888	4	Gato Trail	19-F			Eocene			
22789	Santa Barbara	Dos Pueblos Canyon	4888	6	Gato Trail	19-F			Eocene			
22790	Santa Barbara	Dos Pueblos Canyon	4888	7	Gato Trail	19-F			Eocene			
22791	Santa Barbara	Dos Pueblos Canyon	4888	8	Gato Trail	19-F			Eocene			
22792	Santa Barbara	Dos Pueblos Canyon	4888	9	Gato Trail	19-F			Eocene			
22793	Santa Barbara	Dos Pueblos Canyon	4888	10	Gato Trail	19-F			Eocene			
22794	Santa Barbara	Dos Pueblos Canyon	4888	11	Gato Trail	19-F			Eocene			
22795	Santa Barbara	Dos Pueblos Canyon	4888	12	Gato Trail	19-F			Eocene			
22796	Santa Barbara	Dos Pueblos Canyon	4888	14	Gato Trail	19-F			Eocene			
22797	Santa Barbara	Dos Pueblos Canyon	4888	15	Gato Trail	19-F			Eocene			
22798	Santa Barbara	Dos Pueblos Canyon	4888	20	Gato Trail	19-F			no paleo info			
22799	Santa Barbara	Dos Pueblos Canyon	4888	22	Gato Trail	19-F			no paleo info			
22800	Santa Barbara	Dos Pueblos Canyon	4888	23	Gato Trail	19-F			no paleo info			
22801	Stanislaus	Orestimba Peak	4891		Orestimba Creek	125-B	Orestimba 15'	strat column	Cretaceous			
22802	Stanislaus	Orestimba Peak	4896		Orestimba Creek	125-B	Orestimba 15'	strat column	Cretaceous			
22803	Santa Barbara	Dos Pueblos Canyon	4899	0	Eagle Canyon	19-E			no paleo info			
22804	Santa Barbara	Dos Pueblos Canyon	4899	4	Eagle Canyon	19-E			no paleo info			
22805	Santa Barbara	Dos Pueblos Canyon	4899	5	Eagle Canyon	19-E			no paleo info			
22806	Santa Barbara	Dos Pueblos Canyon	4899	7	Eagle Canyon	9-I			no paleo info			
22807	Santa Barbara	Dos Pueblos Canyon	4899	11	Eagle Canyon	9-I			no paleo info			
22808	Santa Barbara	Dos Pueblos Canyon	4899	12	Eagle Canyon	9-I			no paleo info			
22809	Santa Barbara	Dos Pueblos Canyon	4899	13	Eagle Canyon	19-E		strat column	U Eocene A zone			
22810	Santa Barbara	Dos Pueblos Canyon	4899	14	Eagle Canyon	19-E		strat column	U Eocene A zone			
22811	Santa Barbara	Dos Pueblos Canyon	4899	15	Eagle Canyon	19-E		strat column	U Eocene A zone			
22812	Santa Barbara	Dos Pueblos Canyon	4899	16	Eagle Canyon	19-E		strat column	U Eocene A zone			
22813	Santa Barbara	Dos Pueblos Canyon	4899	17	Eagle Canyon	19-E		strat column	U Eocene A zone			
22814	Santa Barbara	Dos Pueblos Canyon	4899	18	Eagle Canyon	19-E		strat column	U Eocene A zone			
22815	Santa Barbara	Dos Pueblos Canyon	4899	20	Eagle Canyon	19-E		strat column	U Eocene A zone			
22816	Santa Barbara	Dos Pueblos Canyon	4899	19	Eagle Canyon	19-E		strat column	U Eocene A zone			
22817	Santa Barbara	Dos Pueblos Canyon	4899	20	Eagle Canyon	19-E		strat column	U Eocene A zone			
22818	Santa Barbara	Dos Pueblos Canyon	4899	23	Eagle Canyon	19-E		strat column	U Eocene A zone			
22819	Santa Barbara	Dos Pueblos Canyon	4899	24	Eagle Canyon	19-E		strat column	U Eocene A zone			
22820	Santa Barbara	Dos Pueblos Canyon	4899	25	Eagle Canyon	19-E		strat column	U Eocene A zone			
22821	Santa Barbara	Dos Pueblos Canyon	4899	4	Eagle Canyon	19-F		strat column	U Eocene A zone			
22822	Santa Barbara	Hildreth Peak	4901		SW corner of quad	19-F	Gibraltar Dam 15'	nice fauna	no paleo info			
22823	Santa Barbara	Dos Pueblos Canyon	4901		nom but Glen A C9-I		also 4944,4945	strat column	Eocene			
22824	San Benito	Tumey Hills	4903		Griswold Hills	29-K			Eocene C zone			
22825	San Benito	Tumey Hills	4904		Griswold Hills	29-K			not diagnostic			
22826	San Benito	Tumey Hills	4907		Griswold Hills	29-K			Eocene C zone			
22827	San Benito	Tumey Hills	4909		Griswold Hills	29-L			barren			
22828	San Benito	Tumey Hills	4910		Griswold Hills	29-L			barren			
22829	San Benito	Tumey Hills	4911		Griswold Hills	29-L			barren			
22830	San Benito	Tumey Hills	4912		Griswold Hills	29-L			not diagnostic			
22831	San Benito	Tumey Hills	4914		Griswold Hills	29-L			not diagnostic			
22832	Santa Barbara	Santa Rosa Island S	4914		South Point	42-J			U Eocene A-2 zone	Barlow		
22833	Santa Barbara	Santa Rosa Island S	4915		South Point	42-J			U Eocene A-2 zone	Barlow		
22834	Santa Barbara	Santa Rosa Island N	4916		NW anchorage	42-J			Sauc/Relizian	Barlow		
22835	Santa Barbara	Santa Rosa Island S	4917		South Point	42-J			not diagnostic	Barlow		
22836	Santa Barbara	Santa Rosa Island E	4918		S of Beechers Bay	42-J			Upper Saucesian	Barlow		
22837	San Benito	Tumey Hills	4918		Griswold Hills	29-L			L Eocene B-3 zone			
22838	San Benito	Tumey Hills	4919		Griswold Hills	29-L		also #5052	barren			
22839	Santa Barbara	Santa Rosa Island E	4919		S of Beechers Bay	42-J			Upper Saucesian	Barlow		
22840	San Benito	Tumey Hills	4920		Griswold Hills	29-L			L Eocene B-3 zone			
22841	Santa Barbara	Santa Rosa Island N	4920		S. Rosa ls	42-J			L or M Miocene	Barlow		
22842	Santa Barbara	Santa Rosa Island E	4921		S of Beechers Bay	42-J	see also SBe	Tumey H	Miocene	Barlow		
22843	Santa Barbara	Santa Rosa Island E	4922		S of Beechers Bay	42-J	see also SBe	Tumey H	L or M Miocene	Barlow		
22844	Santa Barbara	Santa Rosa Island E	4923		S of Beechers Bay	42-J			L or M Miocene	Barlow		
22845	Santa Barbara	Santa Rosa Island E	4924		S of Beechers Bay	42-J			Saucesian	Barlow		
22846	Santa Barbara	Santa Rosa Island S	4925		near hill 1028	42-J			Eocene	Barlow		
22847	Santa Barbara	Santa Rosa Island N	4926		E of Arlington Cyn	42-J			no paleo info	Barlow		
22848	Santa Barbara	Santa Rosa Island E	4927		E of Arlington Cyn	42-J			Sauc/Relizian	Barlow		
22849	Santa Barbara	Santa Rosa Island W	4928		EC part of quad	42-J			no paleo info	Barlow		
22850	Santa Barbara	Santa Rosa Island S	4931		W of Ford Point	42-J			prob Eocene	Barlow		
22851	Santa Barbara	Santa Rosa Island S	4932		Johnsons Lee	42-J			Eocene	Barlow		
22852	Santa Barbara	Santa Cruz Island C	4933		S of Chinese Harb	42-J			Miocene			
22853	Santa Barbara	Santa Cruz Island C?	4935		did not find	42-J			Luisian			
22854	Santa Barbara	San Miguel Island Eas	4938		NE of Crook Point	26-I			Saucesian?			
22855	Santa Barbara	San Miguel Island Eas	4941		NE of Crook Point	26-I			not diagnostic			
22856	Santa Barbara	San Miguel Island Eas	4943	1	S of Bay Point	26-I			Middle Miocene			
22857	Santa Barbara	San Miguel Island Eas	4943	2	S of Bay Point	26-I			Middle Miocene			
22858	Kern	Sawtooth Ridge	4945		Devils Den	124-F			no paleo info			
22859	Kern	Sawtooth Ridge	4948		Devils Den	124-F			no paleo info			
22860	Monterey	Spreckles	4950		Corral Tierra Vly	123-F	24/16S/2E (SLP)	see # 3749	Upper Miocene			
22861	Monterey	Spreckles	4951		Corral Tierra Vly	123-F			Upper Miocene			
22862	San Benito	Tumey Hills	4952		not found	29-L			no paleo info			
22863	Monterey	Spreckles	4952		Washington School	123-F	14/16S/2E (SLP)		Upper Miocene			
22864	Monterey	Spreckles	4953		Calera Canyon	123-F	15/16S/2E (SLP)		Upper? Miocene			
22865	Monterey	Carmel Valley	4955		Rana Creek	123-F			Upper Miocene			
22866	Monterey	Carmel Valley	4956		Rana Creek	123-F			Upper Miocene			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
22867	Monterey	Carmel Valley	4957		Rana Creek	123-F	Fortuna 15'		Upper? Miocene			
22868	Monterey	Carmel Valley	4958		Rana Creek	123-F			Upper Miocene			
22869	Monterey	Spreckles	4961		Rana Creek	123-F			Upper? Miocene			
22870	Santa Clara	Los Gatos	4976		Patcher Pass	123-F			Zemorian	Starke		
22871	San Mateo	San Gregorio	4989		nr town San Greg	123-F	16/7S/4W (SLP)	fault zone	Saucesian	Starke		
22872	Santa Cruz	Davenport	4991		in Davenport	123-F	Ben Lomond 15'		Miocene	Starke		
22873	Humboldt	McWhinney Creek?	4993		not on map	10-L	NF Elk River		Lower Pliocene	Wright		
22874	Humboldt	McWhinney Creek?	4995		not found	10-L	Kneeland Road		Upper Pliocene	Wright		
22875	Humboldt	Fields Landing	4996		Buhne Point	10-L	Fortuna 15'		not diagnostic	Wright		
22876	Humboldt	Fields Landing	4997		SE part of quad	10-L			Upper Pliocene	Wright		
22877	Humboldt	Cannibal Island	4998		Table Bluff lighthos	10-L	Ferndale 15'		not diagnostic	Wright		
22878	Humboldt	Fields Landing	4999		Salmon Ck mouth	10-L	Fortuna 15'	not on map	Lower Pliocene	Wright		
22879	Humboldt	Redcrest	5000		Chadd Creek	10-L	Weott 15'	not on map	Miocene/Pliocene	Wright		
22880	Humboldt	Cape Mendocino	5001		Bear River mouth	10-L	C. Mendocino 15'		Lower Pliocene	Wright		
22881	Humboldt	Cape Mendocino	5002		Bear River mouth	10-L	C. Mendocino 15'		Upper Miocene	Wright		
22882	Humboldt	Cape Mendocino	5003		Bear River mouth	10-L	C. Mendocino 15'		?Upper LUISIAN	Wright		
22883	Humboldt	Cape Mendocino	5004		Bear River mouth	10-L	C. Mendocino 15'	not on map	Lower Pliocene	Wright		
22884	Humboldt	Cape Mendocino	5005		Bear River mouth	10-L	C. Mendocino 15'		Miocene/Pliocene	Wright		
22885	Ventura	Piru	5005	A	Holser Canyon	37-E			no paleo info			
22886	Ventura	Piru	5005	B	Holser Canyon	37-E			no paleo info			
22887	Ventura	Piru	5005	C	Holser Canyon	37-E			no paleo info			
22888	Ventura	Piru	5005	D	Holser Canyon	37-E			no paleo info			
22889	Ventura	Piru	5005	E	Holser Canyon	37-E			no paleo info			
22890	Ventura	Piru	5005		Holser Canyon	37-E			no paleo info			
22891	Ventura	Piru	5006		Holser Canyon	37-E			no paleo info			
22892	Ventura	Piru	5006	A	Holser Canyon	37-E			no paleo info			
22893	Ventura	Piru	5006	RS	Holser Canyon	37-E			no paleo info			
22894	Humboldt	Scotia	5006		Eel River bank	10-L	Scotia 15'		Cretaceous?	Wright		
22895	Humboldt	Scotia	5007		Eel River bank	10-L	Scotia 15'		not diagnostic	Wright		
22896	Ventura	Val Verde	5007	A	Holser Canyon	37-N			no paleo info			
22897	Ventura	Val Verde	5007	B	Holser Canyon	37-N			no paleo info			
22898	Ventura	Val Verde	5007	C	Holser Canyon	37-N			no paleo info			
22899	Ventura	Val Verde	5007	D	Holser Canyon	37-N			no paleo info			
22900	Ventura	Val Verde	5007	D-1	Holser Canyon	37-N			no paleo info			
22901	Ventura	Val Verde	5007	D-2	Holser Canyon	37-N			no paleo info			
22902	Humboldt	Scotia?	5008		Scotia area	10-L	Scotia 15'		Upper Miocene	Wright		
22903	Humboldt	Redcrest	5009		S of Pepperwood	10-L	Weott 15'	not on map	Upper Miocene	Wright		
22904	San Mateo	La Honda	5010		San Gregorio Cree	16-K	15/7S/4W (SLP)		Saucesian	Starke		
22905	San Mateo	La Honda	5011		San Gregorio Cree	16-K			Saucesian	Starke		
22906	San Mateo	La Honda	5012		San Gregorio Cree	16-K			Saucesian?			
22907	San Mateo	La Honda	5012	RW	San Gregorio Cree	16-K			Saucesian?	Starke		
22908	San Mateo	La Honda	5013		San Gregorio Cree	16-K			Relizian?	Starke		
22909	San Mateo	La Honda	5014		San Gregorio Cree	16-K			Pliocene	Starke		
22910	Los Angeles	Oat Mountain	5016		SW of Weldon Cyn	37-D			no paleo info			
22911	San Mateo	Franklin Point	5016		Gazos Creek	16-K	26/8S/4W (SLP)		Eocene A-2 zone	Starke		
22912	San Mateo	Franklin Point	5017		Gazos Creek	16-K	4/8S/4W (SLP)		Eocene A-2 zone	Starke		
22913	San Mateo	La Honda	5020		Pomponio Ranch	16-K	30/7S/4W (SLP)		Miocene/Pliocene	Starke		
22914	Ventura	Piru	5022	B	Holser Canyon	37-N			no paleo info			
22915	Ventura	Val Verde	5023		WC part of quad	37-N			no paleo info			
22916	Ventura	Val Verde	5024		WC part of quad	37-F			no paleo info			
22917	San Mateo	La Honda	5026		Half Moon Bay 15'	92-C			no paleo info	Starke		
22918	San Mateo	La Honda	5027		Half Moon Bay 15'	92-C	see also SC	Laurel	not diagnostic	Starke		
22919	Santa Cruz	Laurel	5028		Hwy 17 nr Glenwd	92-C			Saucesian	Starke		
22920	Santa Cruz	Laurel	5029		Hwy 17 nr Glenwd	92-C			L Miocene	Starke		
22921	Los Angeles	Oat Mountain	5030		SW of Holser Cyn	37-D			no paleo info			
22922	Ventura	Piru	5031	1	Holser Canyon	37-F			no paleo info			
22923	Ventura	Piru	5031	1-B	Holser Canyon	37-F			no paleo info			
22924	Ventura	Piru	5031	B	Holser Canyon	37-F			no paleo info			
22925	Ventura	Piru	5032		Holser Canyon	37-F			no paleo info			
22926	Ventura	Piru	5034		Holser Canyon	37-F			no paleo info			
22927	Ventura	Val Verde	5035		Holser Canyon	37-F			no paleo info			
22928	Ventura	Val Verde	5036	A-1	Holser Canyon	37-F			no paleo info			
22929	Ventura	Val Verde	5036	B-1	Holser Canyon	37-F			no paleo info			
22930	Ventura	Val Verde	5036	B-2	Holser Canyon	37-F			no paleo info			
22931	Ventura	Val Verde	5036	C-2	Holser Canyon	37-F			no paleo info			
22932	Ventura	Val Verde	5036	D-1	Holser Canyon	37-F			no paleo info			
22933	Ventura	Val Verde	5036	D-2	Holser Canyon	37-F			no paleo info			
22934	Santa Clara	Los Gatos	5039		Lexington Res	92-C			poss L Miocene	Starke		
22935	San Mateo	La Honda	5040	1	W of BM 219	116-N	17/7S/4W (SLP)		Saucesian	Starke		
22936	San Mateo	La Honda	5040	2	W of BM 219	116-N	17/7S/4W (SLP)		Saucesian	Starke		
22937	Ventura	Val Verde	5040		S Felecia Canyon	37-N			no paleo info			
22938	Ventura	Val Verde	5041		S Felecia Canyon	37-N			no paleo info			
22939	Ventura	Val Verde	5041	2	S Felecia Canyon	3-F			no paleo info			
22940	San Mateo	La Honda	5042		San Gregorio Ck	116-N	20/7S/4W (SLP)		Pliocene	Starke		
22941	Ventura	Val Verde	5043		Lechler Canyon	37-N			no paleo info			
22942	Ventura	Val Verde	5044		Lechler Canyon	37-N			no paleo info			
22943	Santa Barbara	Point Conception	5050		NE part of quad	37-L			no paleo info			
22944	Santa Barbara	Sacate	5053		Arroyo El Bulito	37-L			no paleo info			
22945	Santa Barbara	Sacate	5054	20	Arroyo El Bulito	37-L			no paleo info			
22946	Santa Barbara	Sacate	5055		Arroyo El Bulito	37-L			no paleo info			
22947	Santa Barbara	Sacate	5057		Arroyo El Bulito	37-L			no paleo info			
22948	Santa Barbara	Gaviota	5058	23	Can Agua Caliente	37-L			no paleo info			
22949	Los Angeles	Oat Mountain	5062		Weldon Canyon	37-D			no paleo info			
22950	Los Angeles	Oat Mountain	5063	1	Weldon Canyon	37-D			no paleo info			
22951	Los Angeles	Oat Mountain	5063	2	Weldon Canyon	37-D			no paleo info			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
22952	Los Angeles	Oat Mountain	5063	3	Weldon Canyon	37-D			no paleo info			
22953	Los Angeles	Oat Mountain	5063	4	Weldon Canyon	37-D			no paleo info			
22954	Los Angeles	Oat Mountain	5063	5	Weldon Canyon	37-D			no paleo info			
22955	Los Angeles	Oat Mountain	5065		Weldon Canyon	37-D			no paleo info			
22956	San Benito	Tumey Hills	5081		Griswold Hills	29-L			L Eocene C zone			
22957	San Benito	Tumey Hills	5084		Griswold Hills	29-J			L Eocene C zone	Seiden		
22958	San Benito	Tumey Hills	5085		Griswold Hills	29-J			L Eocene C zone	Seiden		
22959	San Benito	Tumey Hills	5086		Griswold Hills	29-J			L Eocene C zone	Seiden		
22960	San Benito	Tumey Hills	5088		Griswold Hills	29-J			L Eocene C zone	Seiden		
22961	San Benito	Tumey Hills	5089		Griswold Hills	29-J			not diagnostic	Seiden		
22962	San Benito	Tumey Hills	5091		Griswold Hills	29-J			Cret/Paleocene	Seiden		
22963	San Benito	Tumey Hills	5095		Griswold Hills	29-J			not diagnostic	Seiden		
22964	San Benito	Tumey Hills	5096		Griswold Hills	29-J			Cret/Paleocene	Seiden		
22965	San Benito	Tumey Hills	5097		Griswold Hills	29-J			Upper Cretaceous	Seiden		
22966	San Benito	Tumey Hills	5098		Griswold Hills	29-J			Paleocene E zone	Seiden		
22967	San Benito	Tumey Hills	5099		Griswold Hills	29-J			Cret/Paleocene	Seiden		
22968	San Benito	Tumey Hills	5100		Griswold Hills	29-J			Paleocene E zone	Seiden		
22969	San Benito	Tumey Hills	5101		Griswold Hills	29-J			barren	Seiden		
22970	San Benito	Tumey Hills	5102		Griswold Hills	29-J			Upper Cretaceous	Seiden		
22971	San Benito	Tumey Hills	5103		Griswold Hills	29-J			L Eocene B-3 zone	Seiden		
22972	San Benito	Tumey Hills	5104		Griswold Hills	29-J			L Eocene B-3 zone	Seiden		
22973	San Benito	Tumey Hills	5105		Griswold Hills	29-J			L Eocene C zone	Seiden		
22974	San Benito	Tumey Hills	5106		Griswold Hills	29-J			L Eocene C zone	Seiden		
22975	San Benito	Tumey Hills	5107		Griswold Hills	29-J			L Eocene C zone	Seiden		
22976	San Benito	Tumey Hills	5108		Griswold Hills	29-J			Upper Cretaceous	Seiden		
22977	San Benito	Tumey Hills	5109		Griswold Hills	29-J			barren	Seiden		
22978	San Benito	Tumey Hills	5116		Griswold Hills	29-J			L Eocene B-3 zone	Seiden		
22979	San Benito	Tumey Hills	5117		Griswold Hills	29-J			?Lower Eocene	Seiden		
22980	San Benito	Tumey Hills	5119		Griswold Hills	29-J			Upper Cretaceous	Seiden		
22981	Los Angeles	Topanga	5123		Sullivan Canyon	52-K		mapped Cret	Cretaceous?			
22982	Orange	San Juan Capistrano	5128	1	NW part of quad	44-I?			Luisian			
22983	Orange	San Juan Capistrano	5128	2	NW part of quad	44-I?			Luisian			
22984	Orange	San Juan Capistrano	5129		NW part of quad	45-N			Luisian			
22985	Santa Barbara	Tepsuquet Canyon	5141		Adams Ranch area	64-H			Lower Zemorrian	Blaisdell		
22986	Santa Barbara	Tepsuquet Canyon	5142		Adams Ranch area	64-H			Lower Zemorrian	Blaisdell		
22987	Santa Barbara	Tepsuquet Canyon	5145		Rattlesnake Cyn	64-H	sa # 6350	fish scales	Middle Miocene			
22988	Santa Cruz	Castle Rock Ridge	5150	A	BearCreek Road	142-E			Eocene B1-A zone	Flege		
22989	Santa Cruz	Castle Rock Ridge	5150	B	BearCreek Road	142-E			Eocene B1-A zone	Flege		
22990	Santa Cruz	Castle Rock Ridge	5150	C	BearCreek Road	142-E			Eocene B1-A zone	Flege		
22991	Santa Cruz	Castle Rock Ridge	5150	D	BearCreek Road	142-E			Eocene B1-A zone	Flege		
22992	San Benito	Llanada	5151		Van Cliff Canyon	126-A	Panoche Vly 15'		no paleo info			
22993	Santa Barbara	Sacate	5151		S. Anita Canyon	37-L		Gaviota fm	Oligocene?			
22994	Santa Barbara	Santa Ynez	5152		not on map	37-K	Los Olivos 15'		Miocene			
22995	San Benito	Llanada	5152		Van Cliff Canyon	126-A	Panoche Vly 15'	28/16S/10E	no paleo info			
22996	Santa Barbara	Santa Ynez	5152		Refugio Pass	37-L	Los Olivos 15'	Rincon sh	Miocene			
22997	Ventura	Val Verde	5153	C	NW part of quad	37-N			no paleo info			
22998	San Benito	Llanada	5153		Van Cliff Canyon	126-A	Panoche Vly 15'	28/16S/10E	no paleo info			
22999	Los Angeles	Val Verde	5155	E	Lechler Canyon	38-B			no paleo info			
23000	San Benito	Llanada	5155		Log Cabin Canyon	126-A	Panoche Vly 15'	29/16S/10E	no paleo info			
23001	San Benito	Llanada	5156		Log Cabin Canyon	126-A	Panoche Vly 15'	29/16S/10E	no paleo info			
23002	Los Angeles	Val Verde	5156		Oak Canyon	43-J	not on map		no paleo info			
23003	San Benito	Llanada	5157		Log Cabin Canyon	126-A	Panoche Vly 15'	29/16S/10E	no paleo info			
23004	San Benito	Llanada	5158		Pimental Canyon	126-A	Panoche Vly 15'	19/16S/10E	no paleo info			
23005	San Benito	Llanada	5159		Pimental Canyon	126-A	Panoche Vly 15'	30/16S/10E	no paleo info			
23006	San Benito	Llanada	5160		Pimental Canyon	126-A	Panoche Vly 15'	24/16S/9E	no paleo info			
23007	Los Angeles	Whitaker Peak	5164		Canton Canyon	43-J			no paleo info			
23008	San Benito	Llanada	5164		Moody Canyon	126-A	Panoche Vly 15'	23/16S/9E	no paleo info			
23009	San Benito	Llanada	5165		Moody Canyon	126-A	Panoche Vly 15'	14/16S/9E	no paleo info			
23010	Los Angeles	Whitaker Peak	5165		Canton Canyon	43-J			no paleo info			
23011	San Benito	Llanada	5166		Moody Canyon	126-A	Panoche Vly 15'	9/16S/9E	no paleo info			
23012	San Luis Obispo	Port San Luis	5167		Rattlesnake Cyn	65-A			Miocene			
23013	San Luis Obispo	Port San Luis	5172		Deer Canyon	64-M		strat column	Saucesian			
23014	San Luis Obispo	Port San Luis	5173		NW of Deer Cyn	64-M		strat column	Saucesian			
23015	San Benito	Llanada	5190		Van Cliff Canyon	126-B	Panoche Vly 15'	33/16S/10E	no paleo info			
23016	San Benito	Llanada	5191		Van Cliff Canyon	126-B	Panoche Vly 15'	34/16S/10E	no paleo info			
23017	San Benito	Llanada	5192		Van Cliff Canyon	126-B	Panoche Vly 15'	34/16S/10E	no paleo info			
23018	Kern	Sawtooth Ridge	5194	322	center of quad	I-6			Cretaceous	Marsh		
23019	Kern	Sawtooth Ridge	5194	322	center of quad	123-A			Cretaceous	Marsh		
23020	Kern	Sawtooth Ridge	5195	323	center of quad	I-6			Cretaceous	Marsh		
23021	Kern	Sawtooth Ridge	5195	323	center of quad	123-A			Cretaceous	Marsh		
23022	Kings	Tent Hills	5207		Stoker Canyon	I-6			Upper Cretaceous	Marsh		
23023	Kings	Tent Hills	5208		Stoker Canyon	I-6			Upper Cretaceous	Marsh		
23024	Kern	Sawtooth Ridge	5209	564	NC part of quad	I-6			Eocene A-2 zone	Marsh		
23025	Kern	Sawtooth Ridge	5210	565	NC part of quad	I-6			Eocene A-2 zone	Marsh		
23026	Kern	Sawtooth Ridge	5211	566	NC part of quad	I-6			Upper Cretaceous	Marsh		
23027	Kern	Sawtooth Ridge	5212	570	NC part of quad	I-6			Upper Cretaceous	Marsh		
23028	Kern	Sawtooth Ridge	5213	571	NC part of quad	I-6			Upper Cretaceous	Marsh		
23029	Kern	Sawtooth Ridge	5214	572	NC part of quad	I-6			Upper Cretaceous	Marsh		
23030	Kern	Sawtooth Ridge	5215	573	NC part of quad	I-6			Upper Cretaceous	Marsh		
23031	Kern	Pyramid Hills	5223		SW part of quad	I-6			no paleo info	Hovey		
23032	Kern	Sawtooth Ridge	5224		NW of Devils Den	124-F			no paleo info	Hovey		
23033	Kern	Pyramid Hills	5227		Indian Rocks area	124-F			no paleo info	Hovey		
23034	Kern	Pyramid Hills	5228		Indian Rocks area	124-F			no paleo info	Hovey		
23035	Tehama	Red Bluff?	5230		Red Bluff area	100-G	no map provided		U Cret f/G zones	Helms		
23036	Tehama	Red Bluff?	5231		Red Bluff area	100-G	no map provided	algae?	Pliocene?	Helms		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
23037	Tehama	Red Bluff?	5232		Red Bluff area	100-G	no map provided	algae?	Pliocene?	Helms		
23038	Solano	Mount Vaca	5234		Pleasant Valley Rd	129-K	not on map	rads	not diagnostic			
23039	Solano	Mount Vaca	5235		Pleasant Valley Rd	129-K	not on map	rads	not diagnostic			
23040	Santa Barbara	Lompoc Hills	5235		Jalama Rd 1 mi S	45-N	of Jalama School		Eocene			
23041	Santa Barbara	Lompoc Hills	5236		EC part of quad	45-N			Eocene			
23042	Solano	Mt Vaca	5236		Pleasant Valley Rd	129-K	not on map	flood rads	E Eocene A-2 zone			
23043	Santa Barbara	Lompoc Hills	5237		EC part of quad	45-N			no paleo info			
23044	Napa	Monticello Dam	5237		Putah Creek	150-G	at dam site		L Cret J zone	Berry		
23045	Napa	Monticello Dam	5238		Putah Creek	150-G	O.5 mi upstream		not diagnostic	Berry		
23046	Santa Barbara	Lompoc Hills	5238		NW part of quad	45-N			no paleo info			
23047	Santa Barbara	Tranquillon Mountain	5240		EC part of quad	45-N			no paleo info			
23048	Santa Barbara	Tranquillon Mountain	5240	17-2	EC part of quad	70-C			no paleo info			
23049	Santa Barbara	Tranquillon Mountain	5240	17-1	EC part of quad	70-C			no paleo info			
23050	Santa Barbara	Tranquillon Mountain	5241		EC part of quad	45-N			no paleo info			
23051	Tehama	DeWitt Peak	5241		Antelope Creek	152-C	no map provided	very nice bugs	U Cret G-1 zone	Helm		
23052	Tehama	DeWitt Peak	5242		Antelope Creek	152-C	no map provided	very nice bugs	U Cret G-1 zone	Helm		
23053	Tehama	DeWitt Peak	5243		Antelope Creek	152-C	no map provided	very nice bugs	U Cret G-1 zone	Helm		
23054	Santa Barbara	Lompoc Hills	5243		Jalama Road	38-M			no paleo info			
23055	Tehama	DeWitt Peak	5244		Antelope Creek	152-C	no map provided	very nice bugs	U Cret G-1 zone	Helm		
23056	Santa Barbara	Santa Barbara	5244	1	SW of S Barbara	26-I			no paleo info			
23057	Santa Barbara	Santa Barbara	5244	2	SW of S Barbara	26-I			no paleo info			
23058	Santa Barbara	Santa Barbara	5244	3	SW of S Barbara	26-I			no paleo info			
23059	Colusa	Wilbur Springs?	5252		not on map	152-C	Wilbur Sprs 15'?	Funks	U Cret G-1 zone	Berry		
23060	Colusa	Wilbur Springs?	5253		not on map	152-C	Wilbur Sprs 15'?	Funks	U Cret G-1 zone	Berry		
23061	Colusa	Wilbur Springs?	5254		not on map	152-C	Wilbur Sprs 15'?	Sites	not diagnostic	Berry		
23062	Colusa	Wilbur Springs?	5255		not on map	152-C	Wilbur Sprs 15'?		not diagnostic	Berry		
23063	Colusa	Wilbur Springs?	5256		not on map	152-C	Wilbur Sprs 15'?		barren	Berry		
23064	Colusa	Wilbur Springs?	5257		not on map	152-C	Wilbur Sprs 15'?	Fiske	U Cret I zone	Berry		
23065	Colusa	Wilbur Springs?	5260		not on map	152-C	Wilbur Sprs 15'?	Knoxville	Jurassic	Berry		
23066	Colusa	Wilbur Springs?	5261		not on map	152-C	Wilbur Sprs 15'?	Knoxville	Jurassic	Berry		
23067	Colusa	Lodoga	5262		Howard Creek	152-C	Lodoga 15'		L Cret J-2 zone	Berry		
23068	Colusa	Lodoga	5263		Howard Creek	152-C	Lodoga 15'		L Cret J-2 zone	Berry		
23069	Colusa	Lodoga	5264		Howard Creek	152-C	Lodoga 15'		not diagnostic	Berry		
23070	Colusa	Lodoga	5265		Howard Creek	152-C	Lodoga 15'		L Cret J-2 zone	Berry		
23071	Colusa	Lodoga	5266		Howard Creek	152-C	Lodoga 15'		U Cret I zone	Berry		
23072	Kern	Eagle Rest Peak	5276	2	Los Lobos Creek	11-B			no paleo info	Classen &		
23073	Kern	Eagle Rest Peak	5276	3	Los Lobos Creek	11-B			no paleo info	Classen &		
23074	Kern	Eagle Rest Peak	5276	3RW	Los Lobos Creek	11-B			no paleo info	Classen &		
23075	Kern	Eagle Rest Peak	5276	3A	Los Lobos Creek	11-B			no paleo info	Classen &		
23076	Kern	Eagle Rest Peak	5276	4	Los Lobos Creek	11-B			no paleo info	Classen &		
23077	Kern	Santiago Creek	5277	H	Santiago Creek	11-B	12/10N/23W		no paleo info	Classen &		
23078	Shasta	Ono	5321		W of BM 956		Ono 15'		Lower Cretaceous	Welge		
23079	Ventura	Fillmore	5337		Snow Canyon	6-E			Pliocene			
23080	Ventura	Fillmore	5338		Snow Canyon	6-E			Pliocene			
23081	Ventura	Fillmore	5339		Snow Canyon	6-E			Pliocene			
23082	Ventura	Fillmore	5340		Snow Canyon	6-E			Pliocene			
23083	Ventura	Fillmore	5341		Snow Canyon	6-E			Pliocene			
23084	Ventura	Fillmore	5342		Snow Canyon	6-E			Pliocene			
23085	Ventura	Fillmore	5343		Snow Canyon	6-E			Pliocene			
23086	Ventura	Fillmore	5344		Snow Canyon	6-E			Pliocene			
23087	Ventura	Fillmore	5352		NE of Snow Cyn	6-E			Pliocene			
23088	Ventura	Fillmore	5353		NE of Snow Cyn	6-E			Pliocene			
23089	Ventura	Fillmore	5354		NE of Snow Cyn	6-E			Pliocene			
23090	Ventura	Fillmore	5355		SW of Snow Cyn	6-E			Pliocene			
23091	Ventura	Fillmore	5356		SW of Snow Cyn	6-E			not diagnostic			
23092	Ventura	Fillmore	5357		SW of Snow Cyn	6-E			not diagnostic			
23093	Ventura	Moorpark	5358		W of Balcom Cyn	26-I			Luisian			
23094	Ventura	Moorpark	5359		W of Balcom Cyn	26-I			Saucesian			
23095	Ventura	Moorpark	5360		W of Balcom Cyn	26-I			barren			
23096	Kern	Pleito Hills	5370		NE of hill 3036	86-C			no paleo info	Webb		
23097	Kern	Pleito Hills	5371		NW of hill 3036	86-C			no paleo info	Webb		
23098	Kern	Pleito Hills	5372		NW of hill 3036	86-C			no paleo info	Webb		
23099	Kern	Pleito Hills	5373		SW Wheeler Ridge	86-C			no paleo info	Webb		
23100	Kern	Grapevine	5375		Near BM 1795	86-C			no paleo info	Webb		
23101	Kern	Grapevine	5376		Near BM 1795	86-C			no paleo info	Webb		
23102	Kern	Grapevine	5377		Near BM 1795	86-C			no paleo info	Webb		
23103	Ventura	Reyes Peak	5377		Adobe Creek	49-F			no paleo info			
23104	Kern	Grapevine	5379		Salt Creek	84-J			no paleo info			
23105	Kern	Grapevine	5380		Salt Creek	84-J			no paleo info			
23106	Ventura	Lion Canyon	5381	A	Piedra Blanca Ck	54-T			Zem/Saucesian			
23107	Ventura	Lion Canyon	5381	B	Piedra Blanca Ck	54-I			Zem/Saucesian			
23108	Kern	Grapevine	5394		Near BM 1795	86-C			no paleo info	Webb		
23109	Kern	Grapevine	5396		Near BM 1795	86-C			no paleo info	Webb		
23110	Kern	Pleito Hills	5397		EC part of quad	86-C			no paleo info	Webb		
23111	Kern	Pleito Hills	5398		EC part of quad	86-C			no paleo info	Webb		
23112	Kern	Pleito Hills	5399		center of quad	86-C			no paleo info	Webb		
23113	Monterey	Stockdale Mountain	5400		NW part of quad	4-I	San Miguel 15'		no paleo info			
23114	Mendocino	Point Arena	5418		Mountain View Rd	169-E	Pt Arena 15'		Lower Miocene	Bainton & C		
23115	Mendocino	Point Arena	5419		Mountain View Rd	169-E	Pt Arena 15'		Lower Miocene	Bainton & C		
23116	Mendocino	Point Arena	5419	RS	Mountain View Rd	169-E	Pt Arena 15'		Lower Miocene	Ayers		
23117	Mendocino	Point Arena	5422		in Point Arena	169-E	Pt Arena 15'		Lower Miocene			
23118	Mendocino	Point Arena	5423		S of Point Arena	169-E	Pt Arena 15'		not diagnostic			
23119	Los Angeles	San Pedro	5423		Whites Point	21-N		age from map	Luisian			
23120	Mendocino	Point Arena	5424		S of Point Arena	169-E	Pt Arena 15'		not diagnostic			
23121	Mendocino	Point Arena	5425		in Point Arena	169-E	Pt Arena 15'		not diagnostic			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ZONE/SERIES/AGI	COLLECTORS		
23122	Mendocino	Point Arena	5426		Windy Hollow Rd	169-E	Pt Arena 15'		Lower Miocene			
23123	Los Angeles	San Pedro	5426		Cabrillo Beach	21-N			no paleo info			
23124	Mendocino	Point Arena	5427		Windy Hollow Rd	169-E	Pt Arena 15'		Lower Miocene			
23125	Mendocino	Point Arena	5428		NE of Pt Arena	169-E	Pt Arena 15'		Lower Miocene			
23126	Los Angeles	Van Nuys	5428		Nr Beverly Blvd	21-N			no paleo info			
23127	Mendocino	Point Arena	5429		NE of Pt Arena	169-E	Pt Arena 15'		not diagnostic			
23128	Mendocino	Point Arena	5430		NE of Pt Arena	169-E	Pt Arena 15'		not diagnostic			
23129	Mendocino	Point Arena	5430	RW	NE of Pt Arena	169-E	Pt Arena 15'		Lower Miocene			
23130	Mendocino	Point Arena	5431		SE of Moat Creek	169-E	Pt Arena 15'		not diagnostic			
23131	Mendocino	Point Arena	5432		SE of Moat Creek	169-E	Pt Arena 15'		Lower Miocene			
23132	Mendocino	Point Arena	5433		Pt Arena area	169-E	Pt Arena 15'		Eocene A-2/C zone			
23133	Mendocino	Point Arena	5434		Flumeville area	169-E	Pt Arena 15'		Lower Miocene			
23134	Mendocino	Point Arena	5435		Flumeville area	169-E	Pt Arena 15'		not diagnostic			
23135	Mendocino	Point Arena	5436		Flumeville area	169-E	Pt Arena 15'		Lower Miocene			
23136	Mendocino	Point Arena	5437		Flumeville area	169-E	Pt Arena 15'		Lower Miocene			
23137	Mendocino	Point Arena	5438		Flumeville area	169-E	Pt Arena 15'		Lower Miocene			
23138	Mendocino	Point Arena	5439		Flumeville area	169-E	Pt Arena 15'		Lower Miocene			
23139	Los Angeles	Thousand Oaks	5445		SE part of quad	40-N-1			no paleo info			
23140	Santa Barbara	San Marcos Pass	5501	1	Upper Oso Camp	26-I			Eocene			
23141	Santa Barbara	San Marcos Pass	5501	2	Upper Oso Camp	26-I			Eocene			
23142	Santa Barbara	San Marcos Pass	5503	1	Los Prietos Boy C	26-I			Relizian			
23143	Los Angeles	Calabasas	5558	A	Ventura Blvd	48-G	near Brenta Jun		no paleo info			
23144	Ventura	Thousand Oaks	5560		WC part of quad	48-G			no paleo info			
23145	Ventura	Thousand Oaks	5560		WC part of quad	48-G			no paleo info			
23146	Ventura	Thousand Oaks	5560	A	WC part of quad	48-G			no paleo info			
23147	Ventura	Thousand Oaks	5561	A	SC part of quad	48-G			no paleo info			
23148	Ventura	Thousand Oaks	5562	A	WC part of quad	48-G			no paleo info			
23149	Ventura	Thousand Oaks	5562		WC part of quad	48-G			no paleo info			
23150	Ventura	Lion Canyon	5580	1	Piedra Blanca Cmp	26-I			no paleo info			
23151	Ventura	Lion Canyon	5580	2	Piedra Blanca Cmp	26-I			no paleo info			
23152	Ventura	Lion Canyon	5580	3	Piedra Blanca Cmp	26-I			no paleo info			
23153	Ventura	Lion Canyon	5581		Piedra Blanca Cmp	70-C			no paleo info			
23154	Los Angeles	Los Angeles	5584		San Bernardino Fy	11-N	S of SP shops	strat column	Eocene			
23155	Riverside	White Water	5588		Painted Hill area	10-B	not on map	Palm Spr 15'	no age info			
23156	Riverside	White Water	5589		Painted Hill area	10-B	not on map	Palm Spr 15'	no age info			
23157	Orange	Black Star Canyon	5590		E of Blind Canyon	11-E			no paleo info			
23158	Orange	Black Star Canyon	5592		N of Irvine park	11-E			no paleo info			
23159	Ventura	Santa Paula	5593		SW part of quad	1-A	clams, bryozoa		no paleo info			
23160	San Mateo	Mindogo Hill	5626		vic BM 2573	48-N	6/8S/2W (SLP)		Lower Zemorrian	Starke		
23161	Orange	Canada Gobernadora	5628		W of Can. Chiquita	19-D			Mohnian			
23162	Orange	Canada Gobernadora	5630		W of Can. Chiquita	19-D		nice fauna	Mohnian			
23163	Orange	Canada Gobernadora	5631		W of Can. Chiquita	19-D			Mohnian			
23164	San Mateo	Woodside	5634		center of quad	48-N	17/6S/4W (SLP)		Lower Miocene	Starke		
23165	San Mateo	Woodside	5635		center of quad	48-N	18/6S/4W (SLP)		Eocene A-2 zone	Starke		
23166	San Mateo	Woodside	5640		center of quad	48-N	7/6S/4W (SLP)		not diagnostic	Starke		
23167	San Mateo	Woodside	5641		center of quad	48-N	7/6S/4W (SLP)		Zemorrian	Starke		
23168	Monterey	Seaside	5648		Carmel Valley	7-D	25/16S/1E (SLP)	sa #5665	Luisian	Starke		
23169	Kings	Pyramid Hills	5655		NW part of quad	135-J			no paleo info	Seiden		
23170	Kings	Kettleman Plain	5658		Reef Ridge	135-J			no paleo info	Seiden		
23171	Kings	Kettleman Plain	5659		Reef Ridge	135-J			no paleo info	Seiden		
23172	Kings	Pyramid Hills	5663		NW part of quad	135-J			no paleo info	Seiden		
23173	Monterey	Carmel Valley	5665		Tularcitos Creek	7-D	Jamesburg 15'		?Lower Mohnian	Starke		
23174	San Mateo	Franklin Point	5670		Sandy Pt Guard S	129-M	35/8S/4W (SLP)		not diagnostic	Starke		
23175	Santa Cruz	Felton	5671		Ben Lomond	129-M			Luisian	Starke		
23176	Santa Cruz	Loma Prieta	5675		Corralitos Creek	129-M			not diagnostic	Starke		
23177	Santa Cruz	Loma Prieta	5676		Corralitos Creek	129-M			not diagnostic	Starke		
23178	Santa Cruz	Laurel	5677		Highland school	129-M			not diagnostic	Starke		
23179	Santa Cruz	Laurel	5678		Skyland Ridge	129-M	24/9S/1W (SLP)		not diagnostic	Starke		
23180	Santa Cruz	Laurel	5679		Hester Ck school	129-M			not diagnostic	Starke		
23181	Santa Cruz	Laurel	5680	2	St Marys Girl Cmp	129-M	32/9S/1W (SLP)		not diagnostic	Starke		
23182	Monterey	Juniper Serra Peak	5681		Indians Road	121-E	Junipero Serra 15'		L Eocene C Zone			
23183	Monterey	Bear Canyon	5682		vic BM 1303	121-E	Junipero Serra 15'		Paleocene E zone			
23184	Monterey	Bear Canyon	5683		vic BM 1249	121-E	Junipero Serra 15'		Lower Mohnian			
23185	Monterey	Cone Peak	5684		Garrizo Creek	121-E	Junipero Serra 15'		Paleocene E zone	Ortalda & W		
23186	Santa Barbara	Santa Cruz Island	5684		not on map	42-K			Eocene			
23187	Santa Barbara	Santa Cruz Island	5685		not on map	42-K			Eocene			
23188	Monterey	Cone Peak	5685		Garrizo Creek	121-E	Junipero Serra 15'		Paleocene E Zone	Ortalda & W		
23189	Monterey	Cone Peak	5686		Merle Ranch	121-E	Junipero Serra 15'		Paleocene E zone	Ortalda & W		
23190	Monterey	Juniper Serra Peak	5687		Arroyo Seco	121-E	Junipero Serra 15'		Relizian	Wright		
23191	Monterey	Cone Peak	5688		Merle Ranch	121-E	Junipero Serra 15'		Paleocene E zone	Wright		
23192	Monterey	Bear Canyon	5689		vic BM 1249	121-E	Junipero Serra 15'		Mohnian	Wright		
23193	Monterey	Cone Peak	5690		Arroyo Seco	121-E	Junipero Serra 15'		prob L Miocene	Ortalda & W		
23194	Monterey	Cone Peak	5691		Arroyo Seco	121-E	Junipero Serra 15'		prob L Miocene	Ortalda & W		
23195	Monterey	Bear Canyon	5692		vic BM 1249	121-E	Junipero Serra 15'		not diagnostic	Ortalda & W		
23196	Monterey	Bear Canyon	5693		vic BM 1249	121-E	Junipero Serra 15'		Trifuno Pass			
23197	Monterey	Bear Canyon	5694		vic BM 1249	121-E	Junipero Serra 15'		not diagnostic	Wright		
23198	San Mateo	La Honda	5696		NE part of quad	129-M	2/7S/4W (SLP)	Half MB 15'	Zemorrian	Starke		
23199	San Mateo	Mindogo Hill	5697		SE corner of quad	129-M	8/8S/2W (SLP)		Zemorrian	Starke		
23200	Los Angeles	Trifuno Pass	5697	1	NE of Sequit Point	44-M			no paleo info			
23201	Los Angeles	Trifuno Pass	5697	2	NE of Sequit Point	44-M			no paleo info			
23202	Santa Cruz	Big Basin	5698		NE corner quad	126-M	12/8S/3W (SLP)	has planktics	Lower Miocene	Starke		
23203	San Mateo	Ano Nuevo	5699	1	Point Ano Nuevo	126-M		has diatoms	Saucesian	Starke		
23204	San Mateo	Ano Nuevo	5699	2	Point Ano Nuevo	126-M		has mollusks	Saucesian	Starke		
23205	San Mateo	Ano Nuevo	5699	3	Point Ano Nuevo	126-M		has mollusks	Saucesian	Starke		
23206	San Mateo	Ano Nuevo	5699	4	Point Ano Nuevo	126-M	also 5900-5901	has M Mioc NR	Saucesian	Starke		

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1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
23207	San Diego	Encinitas	5769	1	San Elijo Lagoon	28-J?			no paleo info			
23208	San Diego	Encinitas	5769	3	San Elijo Lagoon	28-J?			no paleo info			
23209	Santa Barbara	Dos Pueblos Canyon	5792		Glen Annie Cyn	32-K	mouth of Tecolote	Tunnel	no paleo info	Barlow		
23210	Orange	Black Star Canyon	5835		NW of Santiago Dr	10-J		fair fauna	no paleo info			
23211	Imperial	Yuha Basin	5862		not on map	11-E	Coyote Wells 15'	Imperial Fm	no age provided			
23212	San Mateo	La Honda	5900		La Honda Road	126-M	14/7S/4W (SLP)		not diagnostic			
23213	San Mateo	La Honda	5901		San Gregorio Ck	126-M	22/7S/4W (SLP)		Saucesian			
23214	Santa Barbara	San Marcos Pass	5907		San Marcos Ranch	11-J			Eocene			
23215	Santa Barbara	San Marcos Pass	5908		San Marcos Ranch	11-J			Eocene			
23216	Santa Barbara	San Marcos Pass	5908	A	San Marcos Ranch	60-M			Eocene			
23217	Santa Barbara	San Marcos Pass	5908	B	San Marcos Ranch	60-M			Eocene			
23218	Santa Barbara	Lake Cachuma	5910		Hot Spring Cyn	11-J			Eocene			
23219	Santa Barbara	Lake Cachuma	5911		Hot Spring Cyn	11-J			Eocene			
23220	San Mateo	Half Moon Bay	5911		Pilarcitos Creek	137-N			Luisian	Kraestch		
23221	San Mateo	Half Moon Bay	5912		Pilarcitos Creek	137-N	22/5S/5W (SLP)		Luisian	Kraestch		
23222	San Mateo	Half Moon Bay	5913		Pilarcitos Creek	137-N			Luisian	Kraestch		
23223	San Mateo	Woodside	5916		Tunitas Creek	137-N	dupe in Half M Bay		Miocene	Kraestch		
23224	San Mateo	La Honda	5925		San Gregorio Ck	137-N	dupe in Woodside		Saucesian	Kraestch		
23225	San Mateo	La Honda	5926		San Gregorio Ck	137-N			Saucesian	Kraestch		
23226	San Mateo	La Honda	5927		San Gregorio Ck	137-N			Saucesian	Kraestch		
23227	San Mateo	La Honda	5928		Memorial Park Rd	137-N			Zemorrian	Kraestch		
23228	San Luis Obispo	Cholame Hills	5945		Mason Canyon	156-M	shallow or fresh	ostracods	no age provided	Salveson		
23229	San Luis Obispo	Cholame Hills	5946		Mason Canyon	156-M	shallow or fresh	echinoid spine	no age provided	Salveson		
23230	Monterey	Cholame Hills	5947		Pine Canyon	156-M	shallow water	Pancho rico	Pliocene	Salveson		
23231	Los Angeles	Malibu Beach	5948		NW part of quad	45-N			no paleo info			
23232	San Mateo	Woodside	5957		Star Hill Road	147-A			Miocene?	Kraestch		
23233	San Mateo	Woodside	5959		Purisima Creek	147-A	2/6S/5W (SLP)	dupe in HMB	Zemorrian	Kraestch		
23234	Los Angeles	Thousand Oaks	5959		WC part of quad	45-N			no paleo info			
23235	Riverside	Corona South	5960		NW corner of quad	44-I			no paleo info			
23236	Los Angeles	Van Nuys	5961		SE corner of quad	44-J			no paleo info			
23237	Los Angeles	Van Nuys	5962		SC part of quad	44-J			no paleo info			
23238	Los Angeles	Van Nuys	5963		S of Dixie Cyn Sch	44-J			no paleo info			
23239	Los Angeles	Van Nuys	5964		SE corner of quad	44-J			no paleo info			
23240	Los Angeles	Van Nuys	5965		S of Dixie Cyn Sch	44-J			no paleo info			
23241	Los Angeles	Van Nuys	5965	D	S of Dixie Cyn Sch	44-J			no paleo info			
23242	Los Angeles	Beverly Hills	5966		Benedict Canyon	44-J			no paleo info			
23243	Los Angeles	Beverly Hills	5967		Benedict Canyon	44-J			no paleo info			
23244	San Mateo	La Honda	5967		Rays Peak area	147-A	16/7S/4W (SLP)		Upper Miocene	Kraestch		
23245	San Mateo	La Honda	5968		Rays Peak area	147-A	15/7S/4W (SLP)		not diagnostic	Starke		
23246	Los Angeles	Van Nuys	5968	M	Republic Studio	44-J			no paleo info			
23247	Los Angeles	Van Nuys	5968	T	Republic Studio	44-J			no paleo info			
23248	Los Angeles	Van Nuys	5969		Republic Studio	44-J			no paleo info			
23249	San Mateo	La Honda	5969		Rays Peak area	147-A	Half Moon Bay 15'	15/7S/4W	Saucesian	Starke		
23250	Los Angeles	Van Nuys	5970		S of Corvallis HS	44-J			no paleo info			
23251	San Mateo	Mindego Hill	5970		Alpine Road	147-A	29/7S/3W (SLP)		Upper Zemorrian	Starke		
23252	Los Angeles	Van Nuys	5971		SE corner of quad	44-J	dupe 5972		no paleo info			
23253	Los Angeles	Van Nuys	5972		SE Dixie Cyn Sch	44-J	dupe in Burbank		no paleo info			
23254	Los Angeles	Burbank	5973		Mulholland Drive	44-J			no paleo info			
23255	Los Angeles	Burbank	5973	A	Mulholland Drive	44-J			no paleo info			
23256	Los Angeles	Burbank	5973	B	Mulholland Drive	44-J			no paleo info			
23257	Los Angeles	Burbank	5973	C	Mulholland Drive	44-J			no paleo info			
23258	Los Angeles	Beverly Hills	5974		Benedict Canyon	44-J			no paleo info			
23259	San Mateo	Half Moon Bay	5976		Schoolhouse Cree	147-A			Eocene?	Kraestch		
23260	Orange	San Clemente	5976		Gabino Canyon	60-J			no paleo info	see 6249		
23261	Orange	San Clemente	5976		Gabino Canyon	61-J	see #6249-6950	age from slide	Cretaceous			
23262	San Mateo	Woodside	5977		Tunitas Creek Rd	147-A			not diagnostic	Kraestch		
23263	San Mateo	Woodside	5978		Purisima Creek OK	147-A	dupe in HMB		Zemorrian?	Kraestch		
23264	San Mateo	Woodside	5979		Skylawn Memorial	147-A	dupe in HMB		Saucesian?	Kraestch		
23265	San Mateo	Half Moon Bay	5980		near BM 216	147-A			not diagnostic	Kraestch		
23266	San Mateo	Half Moon Bay	5980	RS	near BM 216	147-A			poss Luisian	Kraestch		
23267	Santa Cruz	Davenport	5988		Scott Ck mouth	147-A		one planktic	not diagnostic	Starke &		
23268	Santa Cruz	Santa Cruz	5989		Needle Rock Pt	147-A		one planktic	not diagnostic	Starke &		
23269	Santa Cruz	Big Basin	5990		N Waterman Gap	147-A	13/8S/3W (SLP)	abun planktics	not diagnostic	Starke &		
23270	Santa Cruz	Big Basin	5991		not on map	147-A	24/8S/3W (SLP)		Zemorrian	Starke &		
23271	Santa Cruz	Big Basin	5992		Waterman Gap	147-A	24/8S/3W (SLP)		Zemorrian	Starke &		
23272	Santa Cruz	Big Basin	5993		Waterman Gap	147-A	24/8S/3W (SLP)		Zemorrian	Starke &		
23273	Santa Cruz	Felton	5994		not on map	147-A			Middle Miocene	Kraestch		
23274	Santa Cruz	Felton	5995		Zayante Creek	147-A			Relizian	Kraestch		
23275	Santa Cruz	Felton	5996		Zayante Creek	147-A			Relizian	Kraestch		
23276	Santa Cruz	Felton	5997		Zayante Creek	147-A			Relizian	Kraestch		
23277	Santa Cruz	Felton	5998		Zayante Creek	147-A			Lower Miocene	Kraestch		
23278	Santa Cruz	Felton	5999		not on map	147-A			Middle Miocene	Kraestch		
23279	San Diego	Del Mar	6009		Del Mar	56-C			Eocene			
23280	San Diego	Del Mar	6011		Camp Matthews	56-C			Eocene			
23281	San Diego	Del Mar	6013		Torrey Pines Park	56-C			Eocene			
23282	San Diego	Del Mar	6014		Torrey Pines Park	56-C			Eocene			
23283	San Diego	La Jolla	6015		Clairemont	56-C			Eocene			
23284	San Diego	La Jolla	6016		Clairemont	56-C			Eocene			
23285	Orange	San Juan Capistrano	6017		SW corner of quad	49-N		Monterey	no paleo info	Weser		
23286	San Diego	La Jolla	6018		Mission Hills	56-C			Eocene			
23287	San Diego	La Jolla	6019		Mission Valley	56-C			Eocene			
23288	San Diego	La Jolla	6020		E of La Jolla	56-C			Eocene			
23289	San Diego	La Jolla	6021		Linda Vista	56-C			Eocene			
23290	Orange	San Juan Capistrano	6023		SW corner of quad	49-N		Monterey	no paleo info	Weser		
23291	Orange	Laguna Beach	6024		Capistrano area	49-N	Bluebird Canyon		no paleo info	Weser		

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
23292	Los Angeles	Los Angeles	6025		Brooklyn Ave	22-N			no paleo info			
23293	Los Angeles	Los Angeles	6026		NE of City Terr Sc	22-N			no paleo info			
23294	Los Angeles	Calabasas	6031		S of Bell Canyon	45-N	sa #34048		no paleo info		Weser	
23295	Ventura	Calabasas	6037		S of Bell Canyon	45-N			no paleo info		Weser	
23296	Los Angeles	Point Dume	6060		Solstice Canyon	54-I			no paleo info			
23297	Los Angeles	Calabasas	6069		S of Agoura	45-N			Luisian			
23298	Los Angeles	Calabasas	6070		S of Agoura	45-N			Luisian			
23299	San Luis Obispo	Port San Luis	6073		Green Peak	65-C	see loc 5172 for	strat column			Relizian	
23300	San Luis Obispo	Port San Luis	6074		SE of Green Peak	66-E	see loc 5172 for	strat column			Saucesian?	
23301	San Luis Obispo	Port San Luis	6075		SE of Green Peak	66-E	see loc 5172 for	strat column			Saucesian?	
23302	San Luis Obispo	Pismo Beach	6076		E of Avila	66-E	'Arroyo Grande 15'		no paleo info			
23303	San Luis Obispo	Pismo Beach	6078		E of Avila	65-D	see loc 5172 for	strat column			Relizian	
23304	Santa Barbara	Tepsuquet Canyon	6101		NC part of quad	64-H			no paleo info			
23305	Santa Barbara	White Ledge Peak	6106		NW part of quad	105-F			no paleo info			
23306	Santa Barbara	White Ledge Peak	6107		NW part of quad	105-F			no paleo info			
23307	Santa Barbara	White Ledge Peak	6109		NW part of quad	105-F			no paleo info			
23308	Orange	Black Star Canyon	6249		Gypsum Canyon	60-J	see # 5976	age from slide	Eocene			
23309	Orange	Black Star Canyon	6250		Gypsum Canyon	60-J	see \$ 5976	age from slide	Eocene			
23310	Los Angeles	Green Valley	6260		S Francisquito Cyn	54-I			no paleo info			
23311	Los Angeles	Green Valley	6260	A	S Francisquito Cyn	54-I			no paleo info			
23312	Los Angeles	Green Valley	6262		S Francisquito Cyn	54-I			no paleo info			
23313	Los Angeles	Point Dume	6269		not on map	65-J	name on slide	see #6304	Eocene			
23314	Ventura	Reyes Peak	6271		Bear Canyon area	54-I			Eocene			
23315	Ventura	Rancho Nuevo Creek	6272	A	SE part of quad	54-I			Eocene			
23316	Ventura	Rancho Nuevo Creek	6272	B	SE part of quad	54-I			Eocene			
23317	Ventura	Rancho Nuevo Creek	6272	C	SE part of quad	54-H			Eocene			
23318	Ventura	Rancho Nuevo Creek	6272	D	SE part of quad	54-H			Eocene			
23319	Ventura	Rancho Nuevo Creek	6272	E	SE part of quad	54-H			Eocene			
23320	Orange	Orange	6275		EC part of quad	49-L			no paleo info			
23321	Ventura	Reyes Peak	6287		Bear Canyon area	54-H			Eocene			
23322	Ventura	Reyes Peak	6288		Bear Canyon area	54-H			Eocene			
23323	Ventura	Reyes Peak	6289		Bear Canyon area	54-H			Eocene			
23324	Ventura	Reyes Peak	6290		Adobe Creek	54-H			Eocene			
23325	Ventura	Reyes Peak	6291		Adobe Creek	54-H			Eocene			
23326	Ventura	Wheeler Springs	6292		Sespe Creek	54-H	see list # 357	strat column	Eocene			
23327	Ventura	Wheeler Springs	6293		Sespe Creek	54-H	see list # 357	strat column	Eocene			
23328	Ventura	Wheeler Springs	6293	dupe	Sespe Creek	54-H	see list # 357	strat column	Eocene			
23329	Ventura	Wheeler Springs	6294		Sespe Creek	54-H	see list # 357	strat column	Eocene			
23330	Ventura	Wheeler Springs	6295		Sespe Creek	54-H	see list # 357	strat column	Eocene			
23331	Los Angeles	Warm Springs Mtn	6300		Elizabeth Cyn Rd	54-H			Eocene			
23332	Los Angeles	Warm Springs Mtn	6301		Elizabeth Cyn Rd	54-H			Eocene			
23333	Los Angeles	Warm Springs Mtn	6303		Elizabeth Cyn Rd	54-H			Eocene			
23334	Los Angeles	Point Dume	6304		not on map	65-J	name on slide		no paleo info			
23335	Ventura	Thousand Oaks	6307		NC part of quad	55-B			no paleo info			
23336	Ventura	Wheeler Springs	6313		Sandstone Camp	70-C	see list # 357	strat column	Eocene			
23337	Ventura	Matilija	6317	A	Sapers Ranch	55-B			no paleo info			
23338	Ventura	Matilija	6317	B	Sapers Ranch	55-B			no paleo info			
23339	Los Angeles	Warm Springs Mtn	6320		Charlie Canyon	49-G	old Red Mtn Qaud		Upper Miocene			
23340	Los Angeles	Whitaker Peak	6321		Old Ridge Route	49-G	old Violin Cyn Q		Upper Miocene			
23341	Los Angeles	Whitaker Peak	6322		Old Ridge Route	49-G	old Violin Cyn Q		Upper Miocene			
23342	Los Angeles	Whitaker Peak	6323		Old Ridge Route	49-G	old Violin Cyn Q		Upper Miocene			
23343	Los Angeles	Whitaker Peak	6324		Old Ridge Route	49-G	old Violin Cyn Q		nonmarine			
23344	Los Angeles	Warm Springs Mtn	6325		Elizabeth Cyn Rd	49-G	old Red Mtn Qaud		Upper Miocene			
23345	Los Angeles	Whitaker Peak	6326		Martins area	49-G	old Violin Cyn Q		no paleo info		Galloway	
23346	Los Angeles	Whitaker Peak	6327		Martins area	49-G	old Violin Cyn Q		no paleo info		Galloway	
23347	Los Angeles	Whitaker Peak	6328		Castaic Creek	49-G	old Violin Cyn Q	ostracods	no paleo info		Galloway	
23348	Los Angeles	White Ledge Peak	6329		NE part of quad	49-G			no paleo info		Galloway	
23349	Santa Barbara	San Rafael Mountain	6350		SE corner of quad	74-C	S Rafael Mtn 15'	see # 5145	Miocene			
23350	Ventura	Thousand Oaks	6369	B	NC part of quad	54-H	Simi Hills		Eocene			
23351	Orange	Newport Beach	6374		Near landing field	48-I			Mohanian			
23352	Ventura	Thousand Oaks	6383		Bus Canyon	54-H			Eocene			
23353	Ventura	Thousand Oaks	6384		Bus Canyon	54-H			Eocene			
23354	Ventura	Thousand Oaks	6385		Bus Canyon	54-H			Eocene			
23355	Santa Barbara	Carpenteria	6403		Romero Saddle	50-F			Eocene			
23356	Ventura	Wheeler Springs	6412		Sespe Gorge	53-E		strat column	Eocene			
23357	Ventura	Wheeler Springs	6413		Sespe Gorge	53-E		strat column	Eocene			
23358	Ventura	Wheeler Springs	6414		Sespe Gorge	53-E		strat column	Eocene			
23359	Los Angeles	Beverly Hills	6426	A	NE corner of quad	60-J			no paleo info			
23360	San Diego	La Jolla	6432		Soledad Mtn	53-N			Cretaceous?			
23361	San Diego	La Jolla	6433		N of Bird Rock	53-N			Cretaceous			
23362	San Diego	Point Loma	6434		NW part of quad	53-N			no paleo info			
23363	San Diego	San Luis Rey	6436		SE corner of quad	53-M			no paleo info			
23364	Los Angeles	Mint Canyon	6341		SC part of quad	52-N			no paleo info			
23365	Los Angeles	Mint Canyon	6342		not on map	52-N			no paleo info			
23366	Los Angeles	Mint Canyon	6343		not on map	52-N			no paleo info			
23367	Los Angeles	Van Nuys	6450		SW of Studio City	60-J			no paleo info			
23368	Ventura	Devils Heart Peak	6451		Sespe Creek	60-K			Eocene			
23369	Ventura	Devils Heart Peak	6452		Sespe Creek	60-K			Eocene			
23370	Los Angeles	Oat Mountain	6453		SW part of quad	54-H			no paleo info			
23371	Los Angeles	Simi Valley East	6454		S Susanna Pass	54-H	old S Susanna Q		no paleo info			
23372	Los Angeles	Simi Valley East	6455		S Susanna Pass	54-H	old S Susanna Q		no paleo info			
23373	Los Angeles	Simi Valley East	6456		S Susanna Pass	54-H	old S Susanna Q		no paleo info			
23374	Ventura	Reyes Peak	6464	A	WC part of quad	35-L			Eocene			
23375	Ventura	Reyes Peak	6464	B	WC part of quad	35-L			Eocene			
23376	Los Angeles	Mint Canyon	6467		SW of Humphreys	55-J			no paleo info			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
23377	Los Angeles	Mint Canyon	6468		SW of Humphreys	55-J		ostracods	no paleo info			
23378	Los Angeles	Warm Springs Mtn	6471		Elizabeth Cyn Rd	57-G			no paleo info			
23379	Los Angeles	Azusa	6477	B	SW part of quad	58-I			no age info			
23380	Ventura	Piru	6491		not on map	60-J			no paleo info			
23381	Ventura	Piru	6492		not on map	60-J			no paleo info			
23382	Ventura	Piru	6493		SW corner of quad	60-J			no paleo info			
23383	Los Angeles	Canoga Park	6502		Girard Reservoir	56-L		age on fish	Upper Mohnian			
23384	San Luis Obispo	Morro Bay South	6563		Pt Buchon area	66-E	not on map	strat column	Relizian			
23385	Kern	Lebec	6571		SE part of quad	31-K			no paleo info			
23386	Santa Barbara	Zaca Lake	6644		NC part of quad	7-M	Tepusquet Pk 15'		no paleo info			
23387	Los Angeles	La Habra	6663		Hacienda Blvd	78-H	Puente Hills		no paleo info			
23388	Los Angeles	La Habra	6664		N of La Habra Hts	78-H	Puente Hills		no paleo info			
23389	Los Angeles	La Habra	6665		N of La Habra Hts	78-H	Puente Hills		no paleo info			
23390	Los Angeles	La Habra	6666		Hacienda Blvd	74-C	Puente Hills		no paleo info			
23391	Los Angeles	La Habra	6667		N of La Habra Hts	74-C	Puente Hills		no paleo info			
23392	Santa Barbara	Santa Ynez	6668		Refugio Pass area	60-M	Los Olivos 15'		no paleo info			
23393	Santa Barbara	Santa Ynez	6669		Refugio Pass area	60-M	Los Olivos 15'		no paleo info			
23394	Santa Barbara	San Marcos Pass	6671		SE corner of quad	60-M			Eocene			
23395	Los Angeles	Van Nuys	6692		S of Encino	37-C		sa 6737-6738	no paleo info			
23396	Santa Barbara	Lake Cachuma	6695		Hot Springs Cyn	60-H		planktics only	Paleocene/Eocene			
23397	Santa Barbara	Lake Cachuma	6696		W of Hot Spr Cyn	60-H			Upper Cretaceous			
23398	Santa Barbara	Lake Cachuma	6697		W of Hot Spr Cyn	60-H			Upper Cretaceous			
23399	Santa Barbara	Lake Cachuma	6698		Tequepis Canyon	60-H			Paleocene			
23400	Santa Barbara	Lake Cachuma	6699		Tequepis Canyon	60-H			Paleocene			
23401	Ventura	Wheeler Springs	6700		Hwy 399 (now 33)	60-H			Cretaceous			
23402	Ventura	Wheeler Springs	6701		Hwy 399 (now 33)	60-H		abun planktics	Paleocene			
23403	Santa Barbara	Lake Cachuma	6703		W Camino Cielo	60-M			no paleo info			
23404	Los Angeles	Van Nuys	6706		not on map	37-C	Hayreth Rd	see 6739	Middle Miocene			
23405	Los Angeles	Van Nuys	6737		Encino area	37-C		see 6692	no paleo info			
23406	Los Angeles	Van Nuys	6738		Encino area	37-C		see 6692	no paleo info			
23407	Los Angeles	Van Nuys	6739		SW corner quad	37-C	S of Encino	see 6706	no paleo info			
23408	Los Angeles	Sunland	6743		S of Herreres Rch	61-B			Pliocene			
23409	Los Angeles	Sunland	6746		S of Herreres Rch	61-B	limy layer		Mohnian			
23410	Los Angeles	Sunland	6748		S of Herreres Rch	61-B			not diagnostic			
23411	Los Angeles	Sunland	6749		W of Camp B Lane	61-B			Mohnian			
23412	Los Angeles	Sunland	6751		SE of Camp B Lane	61-B			Mohnian			
23413	Los Angeles	Sunland	6752		Doane Canyon	61-B			Mohnian			
23414	Los Angeles	Sunland	6753		Doane Canyon	61-B			Mohnian			
23415	Los Angeles	Sunland	6755		NW of Ebey Cyn	61-B			Mohnian			
23416	Los Angeles	Sunland	6757		SW of Herreres R	61-B			not diagnostic			
23417	Los Angeles	Sunland	6758		SW of Herreres R	61-B			not diagnostic			
23418	Los Angeles	San Fernando	6763		NE of Foothill Bvd	61-B			poss Mohnian			
23419	Los Angeles	San Fernando	6764		NE of Foothill Bvd	61-B			not diagnostic			
23420	Los Angeles	San Fernando	6765		NE of Foothill Bvd	61-B			not diagnostic			
23421	Contra Costa	Clayton	6771		SE part of quad	82-B			no paleo info			
23422	Contra Costa	Antioch South	6772		Marsh Creek Road	82-B			no paleo info			
23423	Contra Costa	Antioch South	6773		Marsh Creek Road	82-B			no paleo info			
23424	Contra Costa	Antioch South	6774		Marsh Creek Road	82-B			no paleo info			
23425	Contra Costa	Antioch South	6775		Marsh Creek Road	82-B			no paleo info			
23426	Contra Costa	Antioch South	6776		Marsh Creek Road	82-B			no paleo info			
23427	Contra Costa	Antioch South	6777		Deer Creek road	82-B			no paleo info			
23428	Contra Costa	Brentwood	6778		SW corner of quad	82-B			no paleo info			
23429	Contra Costa	Brentwood	6779		SW corner of quad	82-B			no paleo info			
23430	Contra Costa	Brentwood	6780		SW corner of quad	82-B			no paleo info			
23431	Contra Costa	Brentwood	6781		not on map	82-B			no paleo info			
23432	Santa Barbara	Santa Cruz Island C	6915		NW of Mt Pleasant	65-J		have NP list	poss Relizian			
23433	Siskiyou	Hornbrook	6995		SE part of quad	150-E	Hornbrook 15'		Eocene or Cret			
23434	Siskiyou	Hornbrook	6996		not on map	150-E	Hornbrook 15'		no paleo info			
23435	Siskiyou	Hornbrook	6998		SE part of quad	150-E	Hornbrook 15'		Cret Senonian			
23436	Monterey	Cone Peak	7001		E of BM 1579	4-N			U Cret/Paleocene	Stanford		
23437	Monterey	Cone Peak	7002		NW of BM 1579	4-N		also pollen	U Cret/Paleocene	Stanford		
23438	Monterey	Cone Peak	7003		NW of BM 1579	4-N		also pollen	U Cret/Paleocene	Stanford		
23439	Monterey	Cone Peak	7004		W of BM 1579	4-N			Paleocene	Stanford		
23440	Monterey	Juniper Serra Peak	7005		SW of Jun Serra P	4-N			U Cret/Paleocene	Stanford		
23441	Monterey	Cone Peak	7006		NE of BM 2086	4-N			not diagnostic	Stanford		
23442	Monterey	Juniper Serra Peak	7007		SW of Jun Serra P	4-N			U Cret/Paleocene	Stanford		
23443	Monterey	Cone Peak	7009		N of BM 1857	4-N			Eocene	Stanford		
23444	Monterey	Cone Peak	7011		S of BM 1857	4-N			Zemorrian	Stanford		
23445	Monterey	Cone Peak	7012		S of BM 1857	4-N			Zemorrian	Stanford		
23446	Monterey	Cone Peak	7013		E of BM 1857	4-N			Saucesian			
23447	Monterey	Juniper Serra Peak	7014		SE of BM 2175	4-N			poss Miocene	Stanford		
23448	Monterey	Juniper Serra Peak	7015		SE of BM 2175	4-N		also NP, pollen	Zemorrian	Stanford		
23449	Monterey	Juniper Serra Peak	7016		SE of BM 2175	4-N			poss Relizian	Stanford		
23450	Monterey	Cone Peak	7017		Near Avila Ranch	4-N			Upper Cretaceous	Stanford		
23451	Monterey	Cone Peak	7018		Near BM 1984	4-N			U Cret/Paleocene	Stanford		
23452	Monterey	Cone Peak	7019		SW of BM 1984	4-N		also NP	U Cretaceous	Stanford		
23453	Monterey	Cone Peak	7020		SE of BM 1984	4-N			not diagnostic	Stanford		
23454	Los Angeles	Los Angeles	7020		see # 6957	62-L	Mt Washington		Mohnian			
23455	Monterey	Cone Peak	7021		SE of BM 1984	4-N		also NP	not diagnostic	Stanford		
23456	Monterey	Cone Peak	7022		Pinal Creek	4-N			Miocene/Pliocene	Stanford		
23457	Monterey	Cone Peak	7023		E of BM 1579	4-N			U Cret/Paleocene	Stanford		
23458	Monterey	Cone Peak	7024		Rattlesnake Creek	4-N			U Cret/Paleocene	Stanford		
23459	Monterey	Cone Peak	7026		Rattlesnake Creek	4-N			U Cret/Paleocene	Stanford		
23460	Monterey	Cone Peak	7027		not on map	4-N			U Cret/Paleocene	Stanford		
23461	Monterey	Bear Canyon	7028		Pinalito Creek	4-N			Eocene	Stanford		

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
23462	Monterey	Bear Canyon	7029		W of BM 1303	4-N			not diagnostic	Stanford		
23463	Monterey	Bear Canyon	7030		W of BM 1303	4-N			U Cret/Paleocene	Stanford		
23464	Los Angeles	Los Angeles	7030		not on map	62-L		see#7020	no paleo info			
23465	Monterey	Bear Canyon	7031		S of BM 1303	4-N			not diagnostic	Stanford		
23466	Monterey	Bear Canyon	7032		SE of BM 1268	4-N			prob Relizian	Stanford		
23467	Monterey	Bear Canyon	7033		SE of BM 1268	4-N			prob Luisian	Stanford		
23468	Santa Cruz	Castle Rock Ridge	7036		Bear Creek	89-E	20/9S/2W (SLP)		not diagnostic	Kraetsch		
23469	Santa Cruz	Castle Rock Ridge	7037		Two Bar Creek	89-E	17/9S/2W		not diagnostic	Kraetsch		
23470	Santa Cruz	Big Basin	7038		San Lorenzo River	89-E	19/9S/2W (SLP)		not diagnostic	Kraetsch		
23471	Santa Cruz	Big Basin	7039		Wildwood	89-E	18/9S/2W (SLP)		not diagnostic	Kraetsch		
23472	Santa Cruz	Big Basin	7040		N of Waterman Gp	89-E	13/8S/3W (SLP)		Saucesian	Kraetsch		
23473	San Mateo	Woodside	7041		NW corner of quad	89-E	24/5S/5W (SLP)		poss Saucesian	Kraetsch		
23474	San Mateo	Woodside	7042		NW corner of quad	89-E	23/5S/5W (SLP)		Saucesian	Kraetsch		
23475	San Mateo	Woodside	7051		Purisima Creek	91-F	1/6S/5W (SLP)		not diagnostic	Kraetsch		
23476	San Mateo	Woodside	7052		Purisima Creek	91-F	1/6S/5W (SLP)		Zemorrian	Kraetsch		
23477	San Mateo	Woodside	7053		Purisima Creek	91-F	6/6S/4W (SLP)		poss Zemorrian	Kraetsch		
23478	San Mateo	Woodside	7054		Purisima Creek	91-F	7/6S/4W (SLP)		not diagnostic	Kraetsch		
23479	San Mateo	Woodside	7055		Purisima Creek	91-F	7/6S/4W (SLP)		not diagnostic	Kraetsch		
23480	San Mateo	Half Moon Bay	7056		NE corner quad	91-F	14/5S/5W (SLP)		Zemorrian	Kraetsch		
23481	San Mateo	Half Moon Bay	7057		W of Digges Cyn	91-F	17/5S/5W (SLP)		Zemorrian	Kraetsch		
23482	San Mateo	Half Moon Bay	7058		W of Digges Cyn	91-F	17/5S/5W (SLP)		not diagnostic	Kraetsch		
23483	San Mateo	Half Moon Bay	7059		W of Digges Cyn	91-F	17/5S/5W (SLP)		Zemorrian	Kraetsch		
23484	San Mateo	Half Moon Bay	7060		W of Digges Cyn	91-F	17/5S/5W (SLP)		not diagnostic	Kraetsch		
23485	San Mateo	Montara Mountain	7061		San Pedro Valley	91-F	14/4S/6W (SLP)		not diagnostic	Kraetsch		
23486	San Mateo	Montara Mountain	7062		San Pedro Valley	91-F	14/4S/6W (SLP)		not diagnostic	Kraetsch		
23487	San Mateo	Montara Mountain	7063		San Pedro Valley	91-F	14/4S/6W (SLP)		not diagnostic	Kraetsch		
23488	San Mateo	Woodside	7066		N of Purisima Ck	91-F	1/6S/5W (SLP)		Zemorrian	Kraetsch		
23489	San Mateo	Woodside	7069		Irish Ridge	91-F	15/6S/5W (SLP)		U Eocene A-2 zone	Kraetsch		
23490	San Mateo	Woodside	7069	RW	Irish Ridge	91-F	15/6S/5W (SLP)		U Eocene A-2 zone	Kraetsch		
23491	San Benito	San Juan Bautista	7070		center of quad	91-F			not diagnostic	Kraetsch		
23492	Ventura	Moorpark	7070		E of Balcom Cyn	78-H			Pliocene			
23493	Ventura	Moorpark	7071		E of Balcom Cyn	78-H			Pliocene			
23494	San Benito	San Juan Bautista	7074		NC part of quad	91-F			not diagnostic	Kraetsch		
23495	San Benito	San Juan Bautista	7075		NC part of quad	91-F			not diagnostic	Kraetsch		
23496	Santa Cruz	Watsonville East	7076		SE part of quad	91-F	loaned McDougall		Eocene	Kraetsch		
23497	Santa Cruz	Watsonville East	7077		SE part of quad	91-F	loaned McDougall		poss Eocene	Kraetsch		
23498	San Mateo	Half Moon Bay	7079		Lobitos Creek	91-F			barren	Starke		
23499	San Mateo	Woodside	7080		S Cruz Mtns	91-F			not diagnostic	Starke		
23500	San Luis Obispo	Cypress Mountain	7081		Cambria Road	48-I	Adelaida 15'		no paleo info			
23501	Santa Cruz	Big Basin	7082		NE of Little Basin	91-F	10/9S/3W (SLP)		not diagnostic	Starke		
23502	Santa Cruz	Big Basin	7083		NE of Little Basin	91-F	9/9S/3W (SLP)		Zemorrian	Starke		
23503	Santa Cruz	Big Basin	7084		NE of Little Basin	91-F	9/9S/3W (SLP)		not diagnostic	Starke		
23504	Santa Cruz	Big Basin	7085		NE of Little Basin	91-F	9/9S/3W (SLP)		not diagnostic	Starke		
23505	San Luis Obispo	Cambria	7086		SE Cambria	99-L			no paleo info			
23506	San Mateo	Franklin Point	7086		Butano landing stp	91-F	21/9S/3W (SLP)		barren	Starke		
23507	San Mateo	Franklin Point	7087		Butano landing stp	91-F	20/9S/3W (SLP)		barren	Starke		
23508	San Mateo	Half Moon Bay	7088		W of Nuff Creek	91-F	23/5S/5W (SLP)		poss Mohnian	Kraetsch		
23509	Santa Cruz	Big Basin	7091		NE of Locatelli Rd	122-A	15/9S/3W (SLP)		not diagnostic	Starke		
23510	Santa Cruz	Big Basin	7092		NE of Locatelli Rd	122-A	15/9S/3W (SLP)		U Eocene A zone	Starke		
23511	Santa Cruz	Big Basin	7093		NE of Locatelli Rd	122-A	15/9S/3W (SLP)		not diagnostic	Starke		
23512	Santa Cruz	Big Basin	7094		NE of Locatelli Rd	122-A	green bug fauna	age in conflict	Paleocene	Starke		
23513	Santa Barbara	San Miguel Island East	7094		Harris Point	73-B			no paleo info			
23514	Santa Cruz	Big Basin	7095		NE of Locatelli Rd	122-A	15/9S/3W (SLP)	age in conflict	Paleocene?	Starke		
23515	San Mateo	La Honda	7096		Loma Mar	122-A	4/8S/4W (SLP)		not diagnostic	Starke		
23516	San Mateo	La Honda	7097		Loma Mar	122-A	4/8S/4W (SLP)		Miocene	Starke		
23517	San Mateo	La Honda	7098		Loma Mar	122-A	4/8S/4W (SLP)		not diagnostic	Starke		
23518	San Mateo	Woodside	7101	1	Tunitas Creek Rd	122-A			Zemorrian	Starke		
23519	San Mateo	Woodside	7103		Irish Ridge	122-A			not diagnostic	Starke		
23520	San Mateo	Montara Mountain	7107		Seal Cove	122-A			Pliocene	Starke		
23521	San Mateo	La Honda	7111		SW of Burns Rch	122-A	33/7S/4W (SLP)		Miocene/Pliocene	Starke		
23522	Ventura	Moorpark	7111		SE of Bardsdale C	63-F		rich fauna	no paleo info			
23523	Ventura	Moorpark	7112		SW of Bardsdale	63-F		rich fauna	no paleo info			
23524	San Mateo	La Honda	7113	A	S of Mt Ellen	122-A	34/7S/4W (SLP)		not diagnostic	Starke		
23525	Ventura	Moorpark	7113		Bixby Road	63-F		rich fauna	no paleo info			
23526	Ventura	Moorpark	7114		Balcom Cyn Road	63-F		rich fauna	no paleo info			
23527	San Mateo	La Honda	7114	1	S of Mt Ellen	122-A	3/8S/4W (SLP)		not diagnostic	Starke		
23528	San Mateo	La Honda	7114	2	S of Mt Ellen	122-A	3/8S/4W (SLP)		not diagnostic	Starke		
23529	San Mateo	La Honda	7114	3	S of Mt Ellen	122-A	3/8S/4W (SLP)		not diagnostic	Starke		
23530	San Mateo	La Honda	7115		S of Mt Ellen	122-A	3/8S/4W (SLP)		not diagnostic	Starke		
23531	Ventura	Moorpark	7115		Balcom Cyn Road	63-F		rich fauna	no paleo info			
23532	Ventura	Santa Paula	7116		Coyote Canyon	63-F		rich fauna	no paleo info			
23533	San Mateo	La Honda	7117		S of Mt Ellen	122-A	34/7S/4W (SLP)		not diagnostic	Starke		
23534	Ventura	Santa Paula	7117		N of hill 1343	63-F			no paleo info			
23535	Ventura	Santa Paula	7118		NW of hill 1343	63-F			no paleo info			
23536	Ventura	Santa Paula	7119		W of hill 1343	63-F		flood Siphog.	no paleo info			
23537	San Benito	Tres Pinos	7119		Bolado Park	122-A			Eocene	Starke		
23538	San Mateo	La Honda	7120		SE of Mt Ellen	122-A		34/7S/4W	Upper Miocene	Starke		
23539	San Mateo	La Honda	7120	RS	SE of Mt Ellen	122-A			Upper Miocene	Kraetsch		
23540	Ventura	Santa Paula	7120		W of hill 1343	63-F	sa loc 7147145	rich fauna	no paleo info			
23541	San Mateo	La Honda	7121		Pescadero Creek	122-A	3/8S/4W (SLP)		not diagnostic	Starke		
23542	San Mateo	La Honda	7122		Pescadero Creek	122-A	3/8S/4W (SLP)		not diagnostic	Starke		
23543	San Mateo	La Honda	7124		SE corner of quad	122-A	1/8S/4W (SLP)		check??	Starke		
23544	San Mateo	La Honda	7124		SE corner of quad	122-A	dupe in Mindego H		Refugian	Starke		
23545	San Mateo	La Honda	7124	RS	SE corner of quad	122-A	see loc #7097	few planktics	uncertain	Kraetsch		
23546	San Mateo	La Honda	7126		Dark Gulch	122-A	1/8S/4W (SLP)		U Eocene A zone	Starke		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
23547	San Mateo	Big Basin	7128		Pescadero Creek	122-A	8/8S/3W (SLP)		Zemorrian	Starke		
23548	San Mateo	La Honda	7129		S of Worley Flat	122-A	5/8S/3W (SLP)		Relizian	Starke		
23549	San Mateo	La Honda	7130		Harwood Creek	122-A	2/8S/4W (SLP)	abun planktics	Eocene	Kraetsch		
23550	San Mateo	Big Basin	7131		Pescadero Creek	122-A	17/8S/3W (SLP)		not diagnostic	Kraetsch		
23551	San Mateo	Big Basin	7133		Pescadero Creek	122-A	17/8S/3W (SLP)	abun planktics	prob Eocene	Kraetsch		
23552	Ventura	Ventura	7144		NW of Chrisman	63-F	see slide 7120	rich fauna	no paleo info			
23553	Ventura	Ventura	7145		NW of Chrisman	63-F	see slide 7120	rich fauna	no paleo info			
23554	Monterey	Thompson Canyon	7146		SW part of quad	24-G			Mohnian	Ortalda		
23555	Ventura	Ventura	7146		NW of Chrisman	63-F			no paleo info			
23556	Monterey	Thompson Canyon	7147		SW part of quad	24-G			Upper Miocene	Ortalda		
23557	Ventura	Ventura	7147		NW of Ortonville	63-F			no paleo info			
23558	Santa Barbara	Tajiguas	7152		Refugio Beach SP	65-J	old Refugio Ranch		no paleo info			
23559	Monterey	Thompson Canyon	7155		SW part of quad	46-C	King City 15'		Middle Miocene	Ortalda		
23560	Monterey	Thompson Canyon	7156		SW part of quad	46-C	King City 15'		Luisian	Ortalda		
23561	Monterey	Thompson Canyon	7158		SW part of quad	46-C	King City 15'		Middle Miocene	Ortalda		
23562	Monterey	Cosio Knob	7159		Quinado Canyon	46-C	King City 15'		not diagnostic	Ortalda		
23563	Monterey	Cosio Knob	7160		Quinado Canyon	46-C	King City 15'		Mohnian	Ortalda		
23564	San Mateo	Big Basin	7161		Pescadero Creek	66-M			Zemorrian	Kraetsch		
23565	San Mateo	Big Basin	7163		Pescadero Creek	66-M			not diagnostic	Kraetsch		
23566	Monterey	Cosio Knob	7168	Rewsh	Quinado Canyon	46-C	King City 15'		Upper Miocene	Ortalda		
23567	Monterey	Cosio Knob	7169		Quinado Canyon	46-C	King City 15'		Upper Miocene	Ortalda		
23568	Santa Barbara	Tepusquet Canyon	7170		Tepusquet Cyn	63-E	Tepusquet Pk 15'		Upper Miocene			
23569	Monterey	Cosio Knob	7170	RW	Quinado Canyon	46-C	King City 15'		Upper Miocene	Ortalda		
23570	Monterey	Cosio Knob	7171	RW	Quinado Canyon	46-C	King City 15'		Upper Miocene	Ortalda		
23571	Monterey	Cosio Knob	7172	RW	Quinado Canyon	46-C	King City 15'		Upper Miocene	Ortalda		
23572	Monterey	Cosio Knob	7173	RW	Quinado Canyon	46-C	King City 15'		Middle Miocene	Ortalda		
23573	Santa Barbara	Tepusquet Canyon	7174	RW	Tepusquet Cyn	63-E	Tepusquet Pk 15'		poss Mohnian			
23574	Monterey	Cosio Knob	7174	RW	Quinado Canyon	46-C	King City 15'		Upper Miocene	Ortalda		
23575	Monterey	Cosio Knob	7175	RW	Quinado Canyon	46-C	King City 15'		Upper Miocene	Ortalda		
23576	Monterey	Cosio Knob	7176		Sulphur Spr Cyn	46-C	King City 15'		Luisian	Ortalda		
23577	Monterey	Cosio Knob	7177	RW	Sulphur Spr Cyn	46-C	King City 15'		Luisian	Ortalda		
23578	Monterey	Cosio Knob	7178		Sulphur Spr Cyn	46-C	King City 15'		not diagnostic	Ortalda		
23579	Santa Barbara	Tepusquet Canyon	7178		Tepusquet Cyn	63-E	Tepusquet Pk 15'		poss Mohnian			
23580	Monterey	Sycamore Flat	7179	RW	WC part of quad	46-C	Soledad 15'		Luisian	Ortalda		
23581	Monterey	Cosio Knob	7180		NE of Cosio Knob	117-L	King City 15'		Mohnian	Ortalda		
23582	Monterey	Thompson Canyon	7181		NC part of quad	117-L	Pine Canyon		not diagnostic	Ortalda		
23583	Monterey	Reliz Canyon	7182		W of Herbert Rnch	12-K	Junipero Serra 15'	abun planktics	Sauc/Relizian	Ortalda		
23584	Monterey	Espinosa Canyon	7183	A	Seven Well Cyn	12-K	King City 15'	Twitch Dam	not diagnostic	Ortalda		
23585	Monterey	not found	7185		not found	12-K	King City 15'		Mohnian	Ortalda		
23586	San Luis Obispo	Twitchell Dam	7186		Near Cuyama Riv	63-E			Luisian			
23587	Monterey	Williams Hill	7186		E of BM 1045	136-G	Bryson 15'		U Mohnian	Lindvall		
23588	Monterey	Williams Hill	7188		E of BM 1045	136-G	Bryson 15'		L Mohnian	Lindvall		
23589	Monterey	Espinosa Canyon	7191		SW of San Lucas	136-G	King City 15'		Upper Miocene	Lindvall		
23590	San Luis Obispo	Twitchell Dam	7193		center of quad	65-J			no paleo info			
23591	San Luis Obispo	Twitchell Dam	7195		center of quad	65-J			no paleo info			
23592	Monterey	Zigzag Creek	7195		NE part of quad	140-I	Lucia 15'		not diagnostic	Dickinson		
23593	Monterey	Zigzag Creek	7197		Tassajara Hot Spr	140-I	Lucia 15'		Upper Eocene	Dickinson		
23594	Monterey	Zigzag Creek	7198		Tassajara Hot Spr	140-J	Lucia 15'		Upper Eocene	Dickinson		
23595	Monterey	Zigzag Creek	7199		Tassajara Hot Spr	140-J	Lucia 15'		Upper Eocene	Dickinson		
23596	San Mateo	Mindego Hill	7200		Nr Pescadero Ck	104-M		com diatoms	barren of forams	Kraetsch		
23597	San Mateo	Big Basin	7201		Fall Creek	104-M			Zemorrian			
23598	San Mateo	Big Basin	7203		Pescadero Creek	104-M			Lower Miocene			
23599	San Mateo	Ano Nuevo	7204	ReSamp	Ano Nuevo	104-M	34/9S/4W (SLP)		Lower Miocene			
23600	San Mateo	La Honda	7207		Pescadero Creek	104-M	2/8S/4W (SLP)	diatoms	barren of forams			
23601	Monterey	Williams Hill	7223		San Lucas Canyon	86-M	Bryson 15'		? Upper Miocene	Ortalda		
23602	Monterey	Williams Hill	7225		Pine Canyon	86-M	Bryson 15'		Upper Miocene	Ortalda		
23603	Monterey	Williams Hill	7227		Pine Canyon	86-M	Bryson 15'		? Upper Miocene	Ortalda		
23604	Monterey	Williams Hill	7228		Pine Canyon	86-M	Bryson 15'		not diagnostic	Ortalda		
23605	Monterey	Hames Valley	7230		Garrissere Cyn	86-M	Bradley 15'		no			
23606	Monterey	Hames Valley	7231		Garrissere Cyn	86-M	Bradley 15'					
23607	San Luis Obispo	Paso Robles	7232		Paso Robles Road	86-M			Middle Miocene	Ortalda		
23608	San Luis Obispo	Paso Robles	7233		Paso Robles Road	86-M			Middle Miocene	Ortalda		
23609	San Luis Obispo	Adelaida	7234		Paso Robles Road	86-M	Adelaida 15'		Lower Relizian	Ortalda		
23610	San Luis Obispo	Adelaida	7235		Paso Robles Road	86-M	Adelaida 15'		L-M Miocene	Ortalda		
23611	San Luis Obispo	Adelaida	7235	A	Paso Robles Road	86-M	Adelaida 15'		L-M Miocene	Ortalda		
23612	San Luis Obispo	Adelaida	7236		Paso Robles Road	86-M	Adelaida 15'		U Relizian	Ortalda		
23613	San Luis Obispo	Adelaida	7237		Paso Robles Road	86-M	Adelaida 15'		Relizian	Ortalda		
23614	San Luis Obispo	Adelaida	7238		Paso Robles Road	86-M	Adelaida 15'		indeterminate	Ortalda		
23615	San Luis Obispo	Adelaida?	7240		not found	86-M			Lower Luisian	Ortalda		
23616	San Luis Obispo	Templeton	7241		Peachy Cyn Road	86-M			Luisian	Ortalda		
23617	San Luis Obispo	Templeton	7242		Peachy Cyn Road	86-M			Relizian	Ortalda		
23618	San Luis Obispo	Templeton	7243		Peachy Cyn Road	86-M			? Middle Miocene	Ortalda		
23619	San Luis Obispo	Paso Robles	7244		Peachy Cyn Road	86-M			? Upper Miocene	Ortalda		
23620	San Luis Obispo	Templeton	7245		Peachy Cyn Road	86-M			not diagnostic	Ortalda		
23621	Monterey	Bradley	7246		S Antonio Riv Rd	86-M	Bradley 15'		not diagnostic	Ortalda		
23622	Monterey	Bradley	7247		S Antonio Riv Rd	86-M	Bradley 15'		? Upper Miocene	Ortalda		
23623	Monterey	Tierra Redonda Mtn	7249		S Antonio Riv Rd	86-M			not diagnostic	Ortalda		
23624	Monterey	Tierra Redonda Mtn	7250		S Antonio Riv Rd	86-M		abun planktics	Relizian	Ortalda		
23625	Monterey	Tierra Redonda Mtn	7251		S Antonio Riv Rd	86-M			not diagnostic	Ortalda		
23626	Monterey	Tierra Redonda Mtn	7252		SE of Pleyto	86-M			Relizian	Ortalda		
23627	Santa Barbara	Foxen Canyon	7252		near Foxen Cyn	64-F	Tepsequet Pk 15'	nice fauna	Lower Relizian			
23628	Monterey	Tierra Redonda Mtn	7253		SE of Pleyto	86-M		planktics	Relizian	Ortalda		
23629	Monterey	Tierra Redonda Mtn	7254		Bee Rock area	86-M			not diagnostic	Ortalda		
23630	Monterey	Tierra Redonda Mtn	7255		NE of Bee Rock	86-M			not diagnostic	Ortalda		
23631	San Luis Obispo	Templeton	7261		Near Templeton	117-N			Luisian	Ortalda		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5 QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
23632	San Luis Obispo	Templeton	7262		Near Templeton	117-N		reworked?	Middle Miocene	Ortalda		
23633	Monterey	Bryson	7263		Copperhead Ck	117-N	Bryson 15'	abun planktics	Middle Miocene	Ortalda		
23634	Monterey	Bryson	7264		Copperhead Ck	117-N	Bryson 15'	com planktics	Middle Miocene	Ortalda		
23635	Monterey	Bryson	7265		Copperhead Ck	117-N	Bryson 15'		Middle Miocene	Ortalda		
23636	San Luis Obispo	Estrella	7266	1	Estrella Creek	117-N?	Paso Robles 15'	not on map	?Lower Mohnian	Salveson		
23637	San Luis Obispo	Estrella	7266	2	Estrella Creek	117-N?	Paso Robles 15'	not on map	?Lower Mohnian	Salveson		
23638	San Luis Obispo	Wilson Corner	7267		Indian Creek	86-M	Pozo 15'		not diagnostic	Kraetsch		
23639	San Luis Obispo	Wilson Corner	7268		Indian Creek	86-M	Pozo 15'		not diagnostic	Kraetsch		
23640	San Luis Obispo	Wilson Corner	7269		Indian Creek	86-M	Pozo 15'		Luisian	Kraetsch		
23641	San Luis Obispo	Camatta Ranch	7270		Cammatti Road	86-M	Pozo 15'		Luisian	Kraetsch		
23642	San Luis Obispo	Camatta Ranch	7271		Cammatti Road	86-M	Pozo 15'		poss U Miocene	Kraetsch		
23643	San Luis Obispo	Camatta Ranch	7272		Cammatti Road	86-M	Pozo 15'		not diagnostic	Kraetsch		
23644	San Luis Obispo	Camatta Ranch	7273		Cammatti Road	86-M	Pozo 15'		Luisian	Kraetsch		
23645	San Luis Obispo	Wilson Corner	7275		S of BM 1573	86-M	Pozo 15'		Luisian	Kraetsch		
23646	San Luis Obispo	Wilson Corner	7276		S of BM 1573	86-M	Pozo 15'		Luisian	Kraetsch		
23647	San Luis Obispo	Wilson Corner	7277		S of BM 1573	86-M	Pozo 15'		Luisian	Kraetsch		
23648	San Luis Obispo	Wilson Corner?	7278		not on map	86-M	Pozo 15'	rich fauna	Luisian	Kraetsch		
23649	San Luis Obispo	La Panza Ranch	7279		Navajo Creek	86-M	La Panza 15'		Luisian	Kraetsch		
23650	San Luis Obispo	La Panza	7280		San Juan Ck	138-N	La Panza 15'		Luisian	Kraetsch		
23651	San Luis Obispo	La Panza	7281		San Juan Ck	138-N	La Panza 15'		M Miocene	Kraetsch		
23652	San Luis Obispo	La Panza	7282		San Juan Ck	138-N	La Panza 15'	many planktics	M Miocene	Kraetsch		
23653	San Luis Obispo	La Panza	7283		San Juan Ck	138-N	La Panza 15'		M Miocene	Kraetsch		
23654	San Luis Obispo	La Panza	7284		San Juan Ck	138-N	La Panza 15'		M Miocene?	Kraetsch		
23655	San Luis Obispo	La Panza	7285		San Juan Ck	138-N	La Panza 15'		M Miocene	Kraetsch		
23656	San Luis Obispo	La Panza	7286		San Juan Ck	138-N	La Panza 15'		Upper Saucesian	Kraetsch		
23657	San Luis Obispo	La Panza	7287		San Juan Ck	138-N	La Panza 15'	many planktics	Saucesian	Kraetsch		
23658	San Luis Obispo	La Panza	7288		Hay Canyon	138-N	La Panza 15'	many planktics	Luisian	Kraetsch		
23659	San Luis Obispo	La Panza	7289		Hay Canyon	138-N	La Panza 15'		M Miocene	Kraetsch		
23660	San Luis Obispo	Camatta Ranch	7290		S of BM 1907	138-N	Pozo 15'		poss L Relizian	Kraetsch		
23661	San Luis Obispo	La Panza Ranch	7291		Navajo Creek	138-N	La Panza 15'		Middle Miocene	Kraetsch		
23662	San Luis Obispo	La Panza Ranch	7292		Navajo Creek	138-N	La Panza 15'		not diagnostic	Kraetsch		
23663	San Luis Obispo	La Panza Ranch	7294		Navajo Creek	138-N	La Panza 15'		not diagnostic	Kraetsch		
23664	San Luis Obispo	Wilson Corner	7297		NE part of quad	138-N	Pozo 15'		not diagnostic	Kraetsch		
23665	San Luis Obispo	Camatta Ranch	7298		Shell Creek	138-N	Pozo 15'		not diagnostic	Kraetsch		
23666	San Mateo	Half Moon Bay	7300		Madonna Creek	147-A	27/5S/5W		Lower Mohnian	Kraetsch		
23667	San Mateo?	Half Moon Bay	7304		not on map	147-A	23/5S/5W (SLP)		Saucesian	Kraetsch		
23668	San Mateo	San Gregorio	7305		San Gregorio Bch	147-A	23/7S/5W (SLP)		Pliocene	Kraetsch		
23669	San Mateo	Half Moon Bay	7310		not on map	147-A	22/5S/5W (SLP)		Lower Miocene	Kraetsch		
23670	San Mateo	Half Moon Bay	7311		Madonna Creek	147-A			Lower Miocene	Kraetsch		
23671	San Mateo	Woodside	7313		WC part of quad	147-A			Lower Miocene	Kraetsch		
23672	Monterey	Chews Ridge	7315		Church Creek	147-A	Jamesburg 15'		Refugian	Dickinson		
23673	Monterey	Zig Zag Creek	7316		Tassajara Hot Sp	147-A	Lucia 15'	Lucia shale	U Eocene A zone	Dickinson		
23674	Monterey	Zig Zag Creek	7317		Tassajara Hot Sp	147-A	Lucia 15'	Lucia shale	U Eocene A zone	Dickinson		
23675	Santa Cruz	Chittenten?	7327		not found	147-B		molds	poss Mohnian	Flege		
23676	Santa Cruz	Loma Prieta	7328		EC part of quad	147-B		molds	U Eocene A zone	Flege		
23677	Monterey	Jolon	7344		not on map	45-D			Upper Miocene?	Ortalda &		
23678	Monterey	Jolon	7345		SE corner quad	45-D			Upper Miocene?	Ortalda &		
23679	Monterey	Jolon	7346		SE corner quad	45-D			Upper Miocene?	Ortalda &		
23680	Monterey	Jolon	7347		SE corner quad	45-D			possibly L Mohnian	Bolin		
23681	Monterey	Jolon	7348		SE corner quad	45-D			possibly L Mohnian	Bolin		
23682	Monterey	Jolon	7349		SE corner quad	45-D			not diagnostic	Bolin		
23683	Monterey	Jolon	7353		SE corner quad	45-D			Mohnian	Bolin		
23684	Monterey	Jolon	7356		SE corner quad	45-D			lowermost Relizian	Bolin		
23685	Monterey	Jolon	7357		SE corner quad	45-D			Lower Relizian	Bolin		
23686	Monterey	Jolon	7358		SE corner quad	45-D			Relizian	Bolin		
23687	Monterey	Cosio Knob	7359		Near Cosio Knob	45-D			Prob Saucesian	Bolin		
23688	Monterey	Cosio Knob	7359	RW	Near Cosio Knob	45-D			Prob Saucesian	Bolin		
23689	San Mateo	Woodside	7360		WC part of quad	147-B			not diagnostic	Kraetsch		
23690	San Mateo	Woodside	7360	RW	SW of Pise Hill	147-B			Lower Miocene	Kraetsch		
23691	San Mateo	Woodside	7361		SW of Pise Hill	147-B	also has 7388 RS		not diagnostic	Kraetsch		
23692	San Mateo	Woodside	7361	RW	SW of Pise Hill	147-B			Lower Saucesian	Kraetsch		
23693	San Mateo	Woodside	7362		SW of Pise Hill	147-B			Saucesian/Relizian	Kraetsch		
23694	San Mateo	Woodside	7363		SW of Pise Hill	147-B			Lower Miocene	Kraetsch		
23695	San Mateo	Woodside	7364		SW of Pise Hill	147-B			Lower Miocene	Kraetsch		
23696	San Mateo	Woodside	7367		E of Kings Mtn Sch	147-B	8/6S/4W (SLP)		Lower Miocene	Kraetsch		
23697	San Mateo	San Mateo	7368		not on map	147-B	16/4S/4W		Lower Miocene	Kraetsch		
23698	Los Angeles	Santa Catalina Is N	7369		NW part of quad	65-A			not diagnostic	Newton &		
23699	San Mateo	Big Basin	7369		Waterman Creek	147-B			not diagnostic	Kraetsch		
23700	Los Angeles	Santa Catalina Is N	7370		NW part of quad	65-A		fish scale age	Middle Miocene	Newton &		
23701	San Mateo	Big Basin	7370		Waterman Creek	147-B			Lower Miocene	Kraetsch		
23702	San Mateo	Big Basin	7371		Waterman Creek	147-B			not diagnostic	Kraetsch		
23703	San Mateo	Big Basin	7372		Waterman Creek	147-B			not diagnostic	Kraetsch		
23704	Los Angeles	Santa Catalina Is N	7373		NW part of quad	65-A			not diagnostic	Newton &		
23705	San Mateo	Big Basin	7373		Waterman Creek	147-B			Lower Miocene	Kraetsch		
23706	Santa Cruz	Loma Prieta	7374		Hinckley Ridge	147-B			Lower Miocene	Kraetsch		
23707	Los Angeles	Santa Catalina Is N	7375		NW part of quad	65-A		fish scale age	Luisian	Newton &		
23708	Los Angeles	Santa Catalina Is N	7375		NW part of quad	78-F		fish scale age	Luisian	Newton &		
23709	Los Angeles	Santa Catalina Is S	7376		NC part of quad	65-A			Miocene/Pliocene	Newton &		
23710	Santa Cruz	Loma Prieta	7376		Santa Rosalia Mtn	147-B			not diagnostic	Kraetsch		
23711	Santa Cruz	Loma Prieta	7377		Santa Rosalia Mtn	147-B			not diagnostic	Kraetsch		
23712	Santa Cruz	Laurel	7378		Hinckley Ridge	147-B			not diagnostic	Kraetsch		
23713	Santa Cruz	Laurel	7381		Highland School	147-B			prob Zemorrian	Kraetsch		
23714	Santa Cruz	Laurel	7386		SW of Laurel	147-B			Lower Zemorrian	Kraetsch		
23715	Santa Cruz	Laurel	7387		SW of Laurel	147-B			not diagnostic	Kraetsch		
23716	Santa Cruz	Los Gatos	7388	RS	Near Hwy 17	147-B	sa # 7360 RS		Upper Eocene	Kraetsch		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
23717	Santa Barbara	San Miguel Island East	7388		Cuyler Harbor	82-I		have NP list	Upper Eocene			
23718	Santa Barbara	San Miguel Island East	7389	A	Cuyler Harbor	82-I		have NP list	Upper Eocene			
23719	Santa Barbara	San Miguel Island East	7389	B	Cuyler Harbor	82-I		have NP list	Upper Eocene			
23720	Santa Barbara	San Miguel Island East	7390		Cuyler Harbor	82-I			prob Eocene	Kraetsch		
23721	Santa Clara	Los Gatos	7390		Moody Gulch	147-C			not diagnostic	Kraetsch		
23722	Santa Barbara	San Miguel Island East	7391		Cuyler Harbor	82-I			prob Eocene			
23723	Santa Clara	Los Gatos	7391		Moody Gulch	147-C			not diagnostic	Kraetsch		
23724	Santa Clara	Los Gatos	7392		Holy City	147-C			not diagnostic	Kraetsch		
23725	Santa Cruz	Laurel	7393		Highway 17	147-C			not diagnostic	Kraetsch		
23726	Santa Cruz	Los Gatos	7395		Patcher Pass	147-C			Lower Zemorrian	Kraetsch		
23727	Santa Cruz	Laurel	7396		SE of Burrel Sch	147-C			barren	Kraetsch		
23728	Santa Cruz	Laurel	7397		W of The Willows	147-C			not diagnostic	Kraetsch		
23729	Santa Cruz	Felton	7399		Bean Creek	147-C	6/10S/1W (SLP)		Middle Miocene	Kraetsch		
23730	Santa Cruz	Felton	7400		Bean Creek	147-C	6/10S/1W (SLP)		Middle Miocene	Kraetsch		
23731	Santa Cruz	Felton	7401		Bean Creek	147-C	5/10S/1W (SLP)		Middle Miocene	Kraetsch		
23732	Santa Cruz	Laurel	7402		Mtn Charlie Creek	147-C			Lower Miocene	Kraetsch		
23733	San Mateo	Big Basin	7404		Waterman Creek	147-C			Saucesian	Starke		
23734	San Mateo	Big Basin	7405		N of Waterman Gp	147-C			Lower Relizian	Starke		
23735	San Mateo	Big Basin	7406		N of Waterman Gp	147-C			Upper Zemorrian	Starke		
23736	San Mateo	Woodside	7407		NW part of quad	147-C	25/5S/5W (SLP)		Upper Zemorrian	Starke		
23737	Monterey	Chews Ridge	7411		Church Creek	140-E	Jamesburg 15'	com planktics	Eocene A zone	Dickinson		
23738	Monterey	Chews Ridge	7412		Church Creek	140-E	Jamesburg 15'	com planktics	Eocene A zone	Dickinson		
23739	Monterey	Chews Ridge	7413		Church Creek	140-E	Jamesburg 15'	com planktics	Eocene A zone	Dickinson		
23740	Monterey	Chews Ridge	7414		Church Creek	140-E	Jamesburg 15'		Refugian	Dickinson		
23741	San Luis Obispo	Port San Luis	7414	1	S of Greens Peak	65-J		fish scale age	L or M Miocene	Schweitzer		
23742	San Luis Obispo	Port San Luis	7414	2	S of Greens Peak	65-J		Mioc NP	L or M Miocene	Schweitzer		
23743	Monterey	Chews Ridge	7416		Church Creek	140-E	Jamesburg 15'		Refugian	Dickinson		
23744	Santa Cruz	Felton	7417		Lompico Creek	147-C	2/10S/2W (SLP)		Luisian	Kraetsch		
23745	Santa Cruz	Felton	7418		Lompico Creek	147-C	35/9S/2W (SLP)		Relizian	Kraetsch		
23746	Santa Cruz	Felton	7419		Lompico Creek	147-C	25/9S/2W (SLP)		Relizian	Kraetsch		
23747	Santa Cruz	Felton	7420		Mount Herman	147-C	14/10S/2W (SLP)	sa Mindego H	Middle Miocene	Kraetsch		
23748	San Mateo	Mindego Hill	7423		not on map	147-C	9/7S/3W (SLP)		Saucesian	Kraetsch		
23749	San Mateo	Mindego Hill	7424		Peters Creek	147-C	22/7S/3W		Lower Miocene	Kraetsch		
23750	San Mateo	Mindego Hill	7425		Peters Creek	147-C	33/7S/3W (SLP)		Saucesian	Kraetsch		
23751	San Mateo	Mindego Hill	7426		Alpine Road	147-C	21/7S/3W (SLP)		Upper Miocene	Kraetsch		
23752	San Mateo	Mindego Hill	7427		not on map	147-C	34/7S/3?W (SLP)		Saucesian	Kraetsch		
23753	San Mateo	Cupertino	7428		not on map	147-C	5/8S/2W (SLP)		Lower Miocene	Kraetsch		
23754	San Mateo	Mindego Hill	7429		Peters Creek	147-C	33/7S/3W		Saucesian/Relizian	Kraetsch		
23755	San Mateo	Mindego Hill	7430		not found	147-C	Palo Alto 15'	molds	Lower Saucesian	Kraetsch		
23756	San Mateo	Mindego Hill	7431		SE part of quad	147-C	Palo Alto 15'		Lower Miocene	Flege		
23757	San Mateo	Mindego Hill	7432		SE part of quad	147-C	Palo Alto 15'		not diagnostic	Flege		
23758	San Mateo	Mindego Hill	7433		SE part of quad	147-C	Palo Alto 15'	abun planktics	not diagnostic	Flege		
23759	San Mateo	Mindego Hill	7434		SE part of quad	147-C	Palo Alto 15'	com planktics	Upper Zemorrian	Flege		
23760	San Mateo	Mindego Hill	7435		SE part of quad	147-C	Palo Alto 15'		Saucesian	Flege		
23761	San Mateo	Mindego Hill	7436		SE part of quad	147-C	Palo Alto 15'		Zemorrian	Flege		
23762	Santa Cruz	Mindego Hill	7437		SE part of quad	147-C	Palo Alto 15'		not diagnostic	Flege		
23763	Santa Cruz	not found	7438		S Cruz Mtns	147-C	Palo Alto 15'		not diagnostic	Flege		
23764	Santa Cruz	not found	7439		S Cruz Mtns	147-C	Palo Alto 15'	molds	Upper Zemorrian	Flege		
23765	Santa Cruz	Loma Prieta	7440		Los Gatos	147-C	Los Gatos 15'		Lower Zemorrian	Kraetsch		
23766	Santa Cruz	not found	7441		S Cruz Mtns	147-C	Los Gatos 15'		Lower Zemorrian	Kraetsch		
23767	Santa Cruz	Loma Prieta	7442		Eureka Canyon	147-C	Los Gatos 15'		Lower Zemorrian	Kraetsch		
23768	Santa Cruz	Loma Prieta	7443		Eureka Canyon	147-C	Los Gatos 15'		not diagnostic	Kraetsch		
23769	Santa Cruz	Loma Prieta	7444		Eureka Canyon	147-C	Los Gatos 15'		Lower Zemorrian	Kraetsch		
23770	Santa Cruz	Loma Prieta	7445		Eureka Canyon	147-D	Los Gatos 15'		not diagnostic	Kraetsch		
23771	Santa Cruz	Loma Prieta	7451		Santa Rosalia Mtn	147-D	Los Gatos 15'		not diagnostic	Kraetsch		
23772	Santa Cruz	Loma Prieta	7452		Santa Rosalia Mtn	147-D	Los Gatos 15'		barren	Kraetsch		
23773	Santa Cruz	Loma Prieta	7453		Santa Rosalia Mtn	147-D	Los Gatos 15'		Zem/Saucesian	Kraetsch		
23774	Santa Cruz	Felton	7460		Redwood Springs	147-D	36/10S/1W (SLP)		Middle Miocene	Kraetsch		
23775	Santa Cruz	Laurel	7461		Mtn View Ranch	147-D	Los Gatos 15'		Miocene/Pliocene	Kraetsch		
23776	Santa Cruz	Castle Rock Ridge?	7466		not on map	147-D	7/9S/1W (SLP)		Lower Miocene	Kraetsch		
23777	Santa Cruz	Castle Rock Ridge?	7466	RW	not on map	147-D	7/9S/1W (SLP)		Zemorrian	Kraetsch		
23778	Santa Cruz	Castle Rock Ridge	7467		Bear Creek Road	147-D			U Eocene A zone	Kraetsch		
23779	Santa Cruz	Castle Rock Ridge	7468		Bear Creek Road	147-D			not diagnostic	Kraetsch		
23780	Santa Cruz	Castle Rock Ridge	7468	RW	Bear Creek Road	147-D			not diagnostic	Kraetsch		
23781	Santa Cruz	Castle Rock Ridge	7469		Bear Creek Road	147-D	see slide 7481	abun planktics	prob Eocene	Kraetsch		
23782	Santa Cruz	Castle Rock Ridge	7469	RW	Bear Creek Road	147-D		abun planktics	U Eocene A zone	Kraetsch		
23783	Monterey	Chews Ridge	7470		not on map	140-E	Jamesburg 15'		prob Refugian	Dickinson		
23784	Monterey	Chews Ridge	7471		Church Creek	140-E	Jamesburg 15'	abun planktics	Eocene A zone	Dickinson		
23785	Monterey	Chews Ridge	7472		Church Creek	140-E	Jamesburg 15'		Eocene A zone	Dickinson		
23786	Monterey	Chews Ridge	7473		Church Creek	140-E	Jamesburg 15'		Eocene A zone	Dickinson		
23787	Monterey	Chews Ridge	7474		Church Creek	140-E	Jamesburg 15'	com planktics	Eocene A zone	Dickinson		
23788	Monterey	Chews Ridge	7475		Church Creek	140-E	Jamesburg 15'		Refugian	Dickinson		
23789	Monterey	Chews Ridge	7476		Church Creek	140-F	Jamesburg 15'		Eocene A zone	Dickinson		
23790	Monterey	Chews Ridge	7477		Church Creek	140-F	Jamesburg 15'		Eocene A zone	Dickinson		
23791	Monterey	Chews Ridge	7478		Church Creek	140-F	Jamesburg 15'		Eocene A zone	Dickinson		
23792	Monterey	Chews Ridge	7479		Church Creek	140-F	Jamesburg 15'	com planktics	Eocene A zone	Dickinson		
23793	Monterey	Chews Ridge	7480		Church Creek	140-F	Jamesburg 15'	com planktics	Eocene A zone	Dickinson		
23794	Santa Cruz	Castle Rock Ridge	7481		center of quad	147-D	see slide 7469		not diagnostic	Kraetsch		
23795	Santa Cruz	Felton	7482		NW corner of quad	147-D	5/10S/2W (SLP)	sa slide #7469	Middle Miocene	Kraetsch		
23796	Santa Cruz	Felton	7483		S of Boulder Creek	147-D	31/9S/2W		Relizian	Kraetsch		
23797	Santa Cruz	Laurel	7485		NW of Highland Sc	147-D			poss Zemorrian	Kraetsch		
23798	Santa Cruz	Laurel	7486		NW of Highland Sc	147-D			not diagnostic	Kraetsch		
23799	San Mateo	Mindego Hill	7490		SE corner of quad	147-D			Lower Miocene	Kraetsch		
23800	San Mateo	Mindego Hill	7492		NW of Ranger Sta	147-D			Zemorrian	Kraetsch		
23801	Santa Clara	Mindego Hill	7496		Skyline Ranch	147-D			Saucesian/Reliz	Kraetsch		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
23802	San Mateo	La Honda	7498		La Honda Road	147-D	36/6S/4W (SLP)		U Eocene A zone	Kraetsch		
23803	San Mateo	La Honda	7499		La Honda Road	147-D	36/6S/4W (SLP)		not diagnostic	Kraetsch		
23804	Kern	McKittrick Summit	7500	1	NC part of quad	3-J	Temblor anticline		no paleo info			
23805	Kern	McKittrick Summit	7500	2	NC part of quad	3-J	Temblor anticline		no paleo info			
23806	Kern	McKittrick Summit	7500	3	NC part of quad	3-I	Temblor anticline		no paleo info			
23807	Kern	McKittrick Summit	7501		NC part of quad	3-I	Temblor anticline		no paleo info			
23808	Kern	McKittrick Summit	7502	1	NC part of quad	3-J	Temblor anticline		no paleo info			
23809	Kern	McKittrick Summit	7502	2	NC part of quad	3-I	Temblor anticline		no paleo info			
23810	Kern	McKittrick Summit	7503		NC part of quad	3-I	Temblor anticline		no paleo info			
23811	Kern	McKittrick Summit	7505		NC part of quad	3-I	Temblor anticline		no paleo info			
23812	Kern	McKittrick Summit	7506		NC part of quad	3-I	Temblor anticline		no paleo info			
23813	Kern	McKittrick Summit	7507		NC part of quad	3-I	Temblor anticline		no paleo info			
23814	Kern	Carneros Rocks	7508	1	SC part of quad	3-I	Temblor anticline		no paleo info			
23815	Kern	Carneros Rocks	7508	2	SC part of quad	3-I	Temblor anticline		no paleo info			
23816	Kern	Carneros Rocks	7508	3	SC part of quad	3-I	Temblor anticline		no paleo info			
23817	Kern	Carneros Rocks	7508	4	SC part of quad	3-I	Temblor anticline		no paleo info			
23818	Kern	Carneros Rocks	7509		SC part of quad	3-I	Temblor anticline		no paleo info			
23819	Kern	McKittrick Summit	7510		NC part of quad	3-I	Temblor anticline		no paleo info			
23820	Kern	McKittrick Summit	7510	1A	NC part of quad	3-I	Temblor anticline		no paleo info			
23821	Kern	McKittrick Summit	7510	2	NC part of quad	3-I	Temblor anticline		no paleo info			
23822	Kern	McKittrick Summit	7510	2A	NC part of quad	3-I	Temblor anticline		no paleo info			
23823	Kern	McKittrick Summit	7510	3A	NC part of quad	3-I	Temblor anticline		no paleo info			
23824	Kern	McKittrick Summit	7511	1	NC part of quad	3-I	Temblor anticline		no paleo info			
23825	Kern	McKittrick Summit	7511	2	NC part of quad	3-I	Temblor anticline		no paleo info			
23826	Kern	McKittrick Summit	7511	3	NC part of quad	3-I	Temblor anticline		no paleo info			
23827	Kern	McKittrick Summit	7511	4	NC part of quad	3-I	Temblor anticline		no paleo info			
23828	Kern	McKittrick Summit	7512		NC part of quad	3-I	Temblor anticline		no paleo info			
23829	San Luis Obispo	La Panza	7515		Willow Cyn	157-L	La Panza 15'		Luisian	Lautensc.		
23830	San Luis Obispo	La Panza	7518		Hay Canyon	157-L	La Panza 15'		Lower Saucesian	Lautensc.		
23831	San Luis Obispo	La Panza	7519		Hay Canyon	157-L	La Panza 15'	com planktics	Lower Saucesian	Lautensc.		
23832	San Luis Obispo	La Panza	7520		Hay Canyon	157-L	La Panza 15'		Lower Saucesian	Lautensc.		
23833	San Luis Obispo	La Panza	7521		Hay Canyon	157-L	La Panza 15'	planktics freq	not diagnostic	Lautensc.		
23834	San Luis Obispo	La Panza	7522		Hay Canyon	157-L	La Panza 15'		Middle Miocene	Lautensc.		
23835	San Luis Obispo	California Valley	7523		San Juan Creek	157-L	La Panza 15'	planktics freq	Middle Miocene	Lautensc.		
23836	San Luis Obispo	La Panza	7524		Beartrap Creek	157-L	La Panza 15'		Luisian	Lautensc.		
23837	San Luis Obispo	La Panza	7525		Beartrap Creek	157-L	La Panza 15'		Luisian	Lautensc.		
23838	San Luis Obispo	Port San Luis	7527		W of Deer Canyon	66-L	La Panza 15'		no paleo info			
23839	San Luis Obispo	Port San Luis	7528	A	W of Deer Canyon	66-L	La Panza 15'		no paleo info			
23840	San Luis Obispo	Port San Luis	7528	B	W of Deer Canyon	66-L	La Panza 15'		no paleo info			
23841	San Luis Obispo	Port San Luis	7530		San Luis Hill	66-L	sa La Panza		no paleo info			
23842	San Luis Obispo	Caliente Mountain	7532		S of Washburn Rd	160-E	Caliente Mtn 15'		no paleo info			
23843	San Luis Obispo	Port San Luis	7533		Pecho Creek	66-L			no paleo info			
23844	San Luis Obispo	Caliente Mountain	7535	1	Washburn Ranch	160-E	Caliente Mtn 15'		Saucesian/Luisian			
23845	San Luis Obispo	Caliente Mountain	7535	2	Washburn Ranch	160-E	Caliente Mtn 15'		Saucesian/Luisian			
23846	San Luis Obispo	Painted Rock	7536		SW part of quad	160-E	Caliente Mtn 15'		not diagnostic			
23847	San Luis Obispo	Pismo Beach	7538		NE of Avila	66-L	Arroyo Grande 15'		no paleo info			
23848	Glenn	Chrome	7578	1	SE of BM 766	152-E	Elk Creek 15'		Jur M Zone	Welge		
23849	Glenn	Chrome	7578	2	SE of BM 766	152-E	Elk Creek 15'		?Jur M zone	Welge		
23850	Glenn	Chrome	7578	3	SE of BM 766	152-E	Elk Creek 15'	good fauna	no paleo info	Welge		
23851	Glenn	Chrome	7578	4	SE of BM 766	152-E	Elk Creek 15'		L Cret L zone	Welge		
23852	Shasta	Ono West	7580		Cottonwood Creek	152-E	Ono 15'		Lower Cret K zone	Welge		
23853	Shasta	Chanchelulla Peak	7583	A	AC Graves Ranch	152-E	Chanchelulla Pk 15'		no paleo info	Welge		
23854	Los Angeles	Los Angeles	7588		NE part of quad	70-E			no paleo info	Welge		
23855	Los Angeles	Los Angeles	7592		NE part of quad	70-E			no paleo info	Welge		
23856	Shasta	Inwood	7592	1A	Bear Creek	151-B	Whitmore 15'		no paleo info	Welge		
23857	Shasta	Inwood	7592	2A	Bear Creek	151-B	Whitmore 15'		no paleo info	Welge		
23858	Shasta	Inwood	7592	3	Bear Creek	151-B	Whitmore 15'		no paleo info	Welge		
23859	Shasta	Inwood	7592	4	Bear Creek	151-B	Whitmore 15'		no paleo info	Welge		
23860	Shasta	Inwood	7592	5	Bear Creek	151-B	Whitmore 15'		no paleo info	Welge		
23861	Shasta	Inwood	7592	6	Bear Creek	151-B	Whitmore 15'		no paleo info	Welge		
23862	Shasta	Oak Run	7594	1	Oak Run Creek	154-I	see strat column	33N/2W	barren	Welge		
23863	Shasta	Oak Run	7594	2	Oak Run Creek	154-I	Millville 15'	see loc 750	barren	Welge		
23864	Shasta	Oak Run	7594	3	Oak Run Creek	154-I	Millville 15'		barren	Welge		
23865	Shasta	Oak Run	7594	6	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
23866	Shasta	Oak Run	7594	7	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
23867	Shasta	Oak Run	7594	8	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
23868	Shasta	Oak Run	7594	11	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
23869	Shasta	Oak Run	7594	11RW	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
23870	Shasta	Oak Run	7594	13	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
23871	Shasta	Oak Run	7594	14	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
23872	Shasta	Oak Run	7594	15	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
23873	Shasta	Oak Run	7594	16	Oak Run Creek	154-I	Millville 15'		U Cret F-1/G-1	Welge		
23874	Shasta	Oak Run	7594	17	Oak Run Creek	154-I	Millville 15'		U Cret F-1/G-1	Welge		
23875	Shasta	Oak Run	7594	18	Oak Run Creek	154-I	Millville 15'		U Cret F-1/G-1	Welge		
23876	Shasta	Oak Run	7594	19	Oak Run Creek	154-I	Millville 15'		U Cret F-1/G-1	Welge		
23877	Shasta	Oak Run	7594	20	Oak Run Creek	154-I	Millville 15'		U Cret F-1/G-1	Welge		
23878	Shasta	Oak Run	7594	21	Oak Run Creek	154-I	Millville 15'		U Cret F-1/G-1	Welge		
23879	Shasta	Oak Run	7594	23	Oak Run Creek	154-I	Millville 15'		U Cret F-1/G-1	Welge		
23880	Shasta	Oak Run	7594	24	Oak Run Creek	154-I	Millville 15'		U Cret F-1/G-1	Welge		
23881	Shasta	Oak Run	7594	25	Oak Run Creek	154-I	Millville 15'		U Cret F-1/G-1	Welge		
23882	Shasta	Oak Run	7594	26	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
23883	Shasta	Oak Run	7594	27	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
23884	Shasta	Oak Run	7594	28	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
23885	Shasta	Oak Run	7594	33	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
23886	Shasta	Oak Run	7594	34	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
24057	Shasta	Bella Vista	7598	52	Dry Creek	152-I	Millville 15'		Prob U Cret H zon	Welge		
24058	Shasta	Bella Vista	7598	53	Dry Creek	152-I	Millville 15'		Prob U Cret H zon	Welge		
24059	Shasta	Bella Vista	7598	54	Dry Creek	152-I	Millville 15'		Prob U Cret H zon	Welge		
24060	Shasta	Bella Vista	7598	55	Dry Creek	152-I	Millville 15'		Prob U Cret H zon	Welge		
24061	Shasta	Bella Vista	7598	56	Dry Creek	152-I	Millville 15'		Prob U Cret H zon	Welge		
24062	Shasta	Bella Vista	7598	57	Dry Creek	152-I	Millville 15'		Prob U Cret H zon	Welge		
24063	Shasta	Bella Vista	7598	58	Dry Creek	152-I	Millville 15'		Prob U Cret H zon	Welge		
24064	Shasta	Bella Vista	7598	59	Dry Creek	152-I	Millville 15'		Prob U Cret H zon	Welge		
24065	Shasta	Bella Vista	7598	60	Dry Creek	152-I	Millville 15'		Prob U Cret H zon	Welge		
24066	Shasta	Bella Vista	7598	61	Dry Creek	152-I	Millville 15'		Prob U Cret H zon	Welge		
24067	Shasta	Bella Vista	7598	62	Dry Creek	152-I	Millville 15'		Prob U Cret H zon	Welge		
24068	Shasta	Bella Vista	7598	63	Dry Creek	152-I	Millville 15'		Prob U Cret H zon	Welge		
24069	Shasta	Bella Vista	7598	64	Dry Creek	152-I	Millville 15'		Prob U Cret H zon	Welge		
24070	Shasta	Bella Vista	7598	65	Dry Creek	152-I	Millville 15'		Prob U Cret H zon	Welge		
24071	Shasta	Bella Vista	7598	66	Dry Creek	152-I	Millville 15'		Prob U Cret H zon	Welge		
24072	Shasta	Bella Vista	7598	67	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24073	Shasta	Bella Vista	7598	68	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24074	Shasta	Bella Vista	7598	70	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24075	Shasta	Bella Vista	7598	71	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24076	Shasta	Bella Vista	7598	72	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24077	Shasta	Bella Vista	7598	73	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24078	Shasta	Bella Vista	7598	74	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24079	Shasta	Bella Vista	7598	75	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24080	Shasta	Bella Vista	7598	76	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24081	Shasta	Bella Vista	7598	77	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24082	Shasta	Bella Vista	7598	78	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24083	Shasta	Bella Vista	7598	79A	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24084	Shasta	Bella Vista	7598	79B	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24085	Shasta	Bella Vista	7598	79C	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24086	Shasta	Bella Vista	7598	80	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24087	Shasta	Bella Vista	7598	81	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24088	Shasta	Bella Vista	7598	82	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24089	Shasta	Bella Vista	7598	83	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24090	Shasta	Bella Vista	7598	84	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24091	Shasta	Bella Vista	7598	85	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24092	Shasta	Bella Vista	7598	86	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24093	Shasta	Bella Vista	7598	87	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24094	Shasta	Bella Vista	7598	88	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24095	Shasta	Bella Vista	7598	89	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24096	Shasta	Bella Vista	7598	90	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24097	Shasta	Bella Vista	7598	91	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24098	Shasta	Bella Vista	7598	94	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24099	Shasta	Bella Vista	7598	95	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24100	Shasta	Bella Vista	7598	96	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24101	Shasta	Bella Vista	7598	97	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24102	Shasta	Bella Vista	7598	98	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24103	Shasta	Bella Vista	7598	99	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24104	Shasta	Bella Vista	7598	100	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24105	Shasta	Bella Vista	7598	101	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24106	Shasta	Bella Vista	7598	102	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24107	Shasta	Bella Vista	7598	103	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24108	Shasta	Bella Vista	7598	104	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24109	Shasta	Bella Vista	7598	105	Little Cow Creek	152-I	Millville 15'		U Cret H zone	Welge		
24110	Shasta	Bella Vista	7598	106	Little Cow Creek	152-J	Millville 15'		U Cret H zone	Welge		
24111	Shasta	Shasta Dam	7598	107	Little Cow Creek	152-J	Millville 15'		U Cret H zone	Welge		
24112	Shasta	Shasta Dam	7599	0	Buckeye area	154-I	see strat column	Redding 15'	not diagnostic	Welge		
24113	Shasta	Shasta Dam	7599	1	Buckeye area	154-I	lot 750	Redding 15'	not diagnostic	Welge		
24114	Shasta	Shasta Dam	7599	2	Buckeye area	154-I	not on map	Redding 15'	not diagnostic	Welge		
24115	Shasta	Shasta Dam	7599	3	Buckeye area	154-I	Redding 15'		not diagnostic	Welge		
24116	Shasta	Shasta Dam	7599	5	Buckeye area	154-I	Redding 15'		not diagnostic	Welge		
24117	Shasta	Shasta Dam	7599	8	Buckeye area	154-I	Redding 15'		not diagnostic	Welge		
24118	Los Angeles	Los Angeles	7619		NE part of quad	70-D			no paleo info			
24119	Los Angeles	Los Angeles	7625		NE part of quad	70-D			no paleo info			
24120	Santa Barbara	Tranquillon Mountain	7650		Canada de Rodeo	66-L			no paleo info	Schweitzr		
24121	Santa Barbara	Tranquillon Mountain	7651		Canada de Rodeo	66-L			no paleo info	Schweitzr		
24122	Santa Barbara	Tranquillon Mountain	7656		SE of Sudden	66-L			no paleo info	Schweitzr		
24123	Santa Barbara	Tranquillon Mountain	7659		EC part of quad	66-L			no paleo info	Schweitzr		
24124	Santa Barbara	Lake Cachuma	7663	LT	EC part of quad	66-L			Upper Zemorrian	Schweitzr		
24125	Santa Barbara	Lake Cachuma	7663	DK	EC part of quad	66-L			Upper Zemorrian	Schweitzr		
24126	Santa Barbara	Lompoc Hills	7739		Jalama Road	68-I		have NP list	Paleocene			
24127	Santa Barbara	Lompoc Hills	7741		Jalama Road	68-I			Cretaceous			
24128	Santa Barbara	Lompoc Hills	7744		not found	68-I			Lower Relizian			
24129	Santa Barbara	Santa Rosa Hills	7746		NE part quad	68-I	see slide 7864		not diagnostic			
24130	Ventura	San Nicholas Island	7759		Near BM 524	84-M	see strat column		Lower Eocene			
24131	Ventura	San Nicholas Island	7760		NW of BM 524	84-M	lot 567 for nanno	have NP list	Lower Eocene			
24132	Ventura	San Nicholas Island	7762		NW tip of island	84-M	ages used on this	have NP list	Lower Eocene			
24133	Ventura	San Nicholas Island	7764		NW tip of island	84-M	column		Lower Eocene			
24134	Ventura	San Nicholas Island	7767		NW tip of island	84-M			Lower Eocene			
24135	Ventura	San Nicholas Island	7768		NW tip of island	84-M			Lower Eocene			
24136	Ventura	San Nicholas Island	7769		NW tip of island	84-M		have NP list	Lower Eocene			
24137	Ventura	San Nicholas Island	7770		NW tip of island	84-M			Lower Eocene			
24138	Ventura	San Nicholas Island	7772		N part of Island	84-M			Lower Eocene			
24139	Ventura	San Nicholas Island	7774		N of airport	84-M			Middle Eocene			
24140	Ventura	San Nicholas Island	7777		N of airport	84-M		have NP list	Middle Eocene			
24141	Ventura	San Nicholas Island	7780		N of airport	84-M			Middle Eocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
24142	Ventura	San Nicholas Island	7781		N of airport	84-M			Middle Eocene			
24143	Ventura	San Nicholas Island	7783		not found	84-M			Middle Eocene			
24144	Ventura	San Nicholas Island	7784		not found	84-M			Middle Eocene			
24145	Ventura	San Nicholas Island	7785		not found	84-M			Middle Eocene			
24146	Ventura	San Nicholas Island	7786		not found	84-M			Middle Eocene			
24147	Ventura	San Nicholas Island	7788		not found	84-N			Middle Eocene			
24148	Ventura	San Nicholas Island	7789		not found	84-N			Middle Eocene			
24149	Ventura	San Nicholas Island	7791		not found	84-N			Middle Eocene			
24150	Ventura	San Nicholas Island	7792		E end of island	84-N			Middle Eocene			
24151	Ventura	San Nicholas Island	7793		E end of island	84-N			Middle Eocene			
24152	Ventura	San Nicholas Island	7794		E end of island	84-N			Middle Eocene			
24153	Ventura	San Nicholas Island	7795		E end of island	84-N			Middle Eocene			
24154	Ventura	San Nicholas Island	7797		E end of island	84-N			Middle Eocene			
24155	Ventura	San Nicholas Island	7799		E end of island	84-N			Middle Eocene			
24156	Ventura	San Nicholas Island	7800		S of airport	84-N			Middle Eocene			
24157	Santa Barbara	Santa Rosa Hills	7864		EC part of quad	68-I	see slide 7744		no paleo info			
24158	Santa Barbara	Santa Rosa Hills	7871		S of Santa Rosa R	68-I			no paleo info			
24159	Santa Barbara	Santa Rosa Hills	7876		S of Santa Rosa R	68-I			no paleo info			
24160	Santa Barbara	Santa Rosa Hills	7877		S of Santa Rosa R	68-I			no paleo info			
24161	Santa Barbara	Santa Rosa Hills	7878		S of Santa Rosa R	68-I			no paleo info			
24162	Santa Barbara	Santa Rosa Hills	7879		S of Santa Rosa R	68-I		have NP list	no paleo info			
24163	Santa Barbara	Santa Rosa Hills?	7883		not found	68-I	sa Chanchuella Pk	have NP list	no paleo info			
24164	Santa Barbara	Santa Rosa Hills?	7884		not found	68-I		have NP list	no paleo info			
24165	Santa Barbara	Santa Rosa Hills	7885	C	NE part quad	68-I			no paleo info			
24166	Santa Barbara	Santa Rosa Hills	7885	E	NE part quad	68-I			no paleo info			
24167	Santa Barbara	Santa Rosa Hills	7885	LT	NE part quad	68-I			no paleo info			
24168	Santa Barbara	Lompoc Hills	7894		N of Jalama Ranch	68-H			no paleo info			
24169	Santa Barbara	Lompoc Hills	7899		NE of Jalama Ranch	68-H			no paleo info			
24170	Santa Barbara	Solvang	7956		NW part of quad	251-A	sa Joaquin Rocks		Upper Eocene			
24171	Santa Barbara	Lompoc Hills	7957		Cabrillo Highway	110-E	area D-5		not diagnostic			
24172	San Luis Obispo	Adelaida	7961	A	Godfrey Road	219-L			no paleo info			
24173	San Luis Obispo	Adelaida	7961	B	Godfrey Road	219-L			no paleo info			
24174	Monterey	Tierra Redonda Mtn	7965		S of Bee Rock	219-L			no paleo info			
24175	San Luis Obispo	Tierra Redonda Mtn	7966	B	S of Bee Rock	219-L	area F-1	have NP list	no paleo info			
24176	San Luis Obispo	Tierra Redonda Mtn	7967	A	Bee Rock	219-L			no paleo info			
24177	San Luis Obispo	Tierra Redonda Mtn	7967	B	Bee Rock	219-L			no paleo info			
24178	Los Angeles	San Clemente Island	7981		Wilson Cove	70-E		age from fish	Middle Miocene	Newton		
24179	Los Angeles	San Clemente Island	7982		Wilson Cove	70-E		age from fish	Middle Miocene	Newton		
24180	Los Angeles	San Clemente Island	7983		Wilson Cove	70-E		age from fish	?Middle Miocene	Newton		
24181	Los Angeles	San Clemente Island	7985		SE corner of quad	70-E			barren	Newton		
24182	Los Angeles	San Clemente Island	7986		SE corner of quad	70-E			barren	Newton		
24183	Los Angeles	San Clemente Island	7987		SE corner of quad	70-E			Middle Miocene	Newton		
24184	Los Angeles	San Clemente Island	7988		SE corner of quad	70-E			Middle Miocene	Newton		
24185	Los Angeles	San Clemente Island	7989	1	NC part of quad	70-E			Luisian	Newton		
24186	Los Angeles	San Clemente Island	7989	2	NC part of quad	70-E			Luisian	Newton		
24187	Los Angeles	San Clemente Island	7994		NC part of quad	70-E			barren	Newton		
24188	Los Angeles	San Clemente Island	7995		NC part of quad	70-E			barren	Newton		
24189	Los Angeles	San Clemente Island	7996		NC part of quad	70-E			barren	Newton		
24190	Los Angeles	San Clemente Island	7997		NC part of quad	70-E			not diagnostic	Newton		
24191	Los Angeles	San Clemente Island	8004		N of China Point	70-E		age from fish	Middle Miocene	Newton		
24192	Los Angeles	San Clemente Island	8006		N of China Point	70-E		age from fish	Middle Miocene	Newton		
24193	Los Angeles	San Clemente Island	8008		N of China Point	70-E		age from fish	Middle Miocene	Newton		
24194	Orange	Black Star Canyon	8150		Fremont Canyon	85-F			no paleo info			
24195	Orange	Black Star Canyon	8151		Fremont Canyon	85-F			no paleo info			
24196	Orange	Black Star Canyon	8152		Fremont Canyon	85-F			no paleo info			
24197	Orange	Black Star Canyon	8153		Fremont Canyon	85-F			no paleo info			
24198	Orange	Black Star Canyon	8154		Fremont Canyon	85-F			no paleo info			
24199	Orange	Black Star Canyon	8155		Fremont Canyon	85-F			no paleo info			
24200	Orange	Black Star Canyon	8156		Fremont Canyon	85-F			no paleo info			
24201	Orange	Black Star Canyon	8157		Fremont Canyon	85-F		have NP list	no paleo info			
24202	Orange	Black Star Canyon	8158		Fremont Canyon	85-F			no paleo info			
24203	Santa Barbara	Hurricane Deck	8161		Tea Canyon	68-J	McPherson Pk 15'		no paleo info			
24204	Santa Barbara	Bald Mountain	8162		S of Bald Mtn	68-J	McPherson Pk 15'		no paleo info			
24205	Santa Barbara	Bald Mountain	8163		S of Bald Mtn	68-J	McPherson Pk 15'		no paleo info			
24206	Santa Barbara	Bald Mountain	8164		Burro Canyon	68-J	McPherson Pk 15'		no paleo info			
24207	Santa Barbara	Bald Mountain	8165		Burro Canyon	68-J	McPherson Pk 15'		no paleo info			
24208	Santa Barbara	Bald Mountain	8166		Burro Canyon	68-J	McPherson Pk 15'		no paleo info			
24209	Santa Barbara	Bald Mountain	8167		Burro Canyon	68-J	McPherson Pk 15'		no paleo info			
24210	Santa Barbara	Bald Mountain	8169		SE of Bald Mtn	68-J	McPherson Pk 15'		no paleo info			
24211	Santa Barbara	Hurricane Deck	8170		SE of Bald Mtn	68-J	McPherson Pk 15'		no paleo info			
24212	Santa Barbara	Hurricane Deck	8171		Sisquoc River	68-J	McPherson Pk 15'		no paleo info			
24213	Santa Barbara	Hurricane Deck	8172		Sisquoc River	68-J	McPherson Pk 15'		no paleo info			
24214	Santa Barbara	Hurricane Deck	8173		Sisquoc River	68-J	McPherson Pk 15'		no paleo info			
24215	Santa Barbara	San Rafael Mountain	8174		EC part of quad	68-J			no paleo info			
24216	Santa Barbara	San Rafael Mountain	8175		center of quad	68-J			no paleo info			
24217	Santa Barbara	Figueroa Mountain	8176		Hells Half Acre	68-J			no paleo info			
24218	Santa Barbara	Madulce Peak	8177		Big Pine Road	68-J			no paleo info			
24219	Santa Barbara	Madulce Peak	8178		Big Pine Road	68-J			no paleo info			
24220	Santa Barbara	Big Pine Mountain	8180		San Rafael Mtns	68-J			no paleo info			
24221	Orange	Dana Point	8194		Deep Canyon	68-I			no paleo info			
24222	Orange	Dana Point	8213		N of Dana Point	no #			no paleo info			
24223	Orange	Dana Point	8214		N of Dana Point	no #			no paleo info			
24224	Orange	San Clemente	8225	A	in San Clemente	no #			no paleo info			
24225	Orange	San Clemente	8225	B	in San Clemente	no #			no paleo info			
24226	Santa Barbara	Tranquillon Mountain	8271	A	Sloans Canyon	70-F		have NP list	no paleo info			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
24227	Orange	Laguna Beach	8509		Moro Canyon	73-C			no paleo info			
24228	Orange	Laguna Beach	8514		NW part of quad	73-C			no paleo info			
24229	Orange	Laguna Beach	8515	A	NW part of quad	73-C			no paleo info			
24230	Orange	Laguna Beach	8515	B	NW part of quad	73-C			no paleo info			
24231	Orange	Tustin	8516		NW part of quad	73-C		age from map	Luisian			
24232	Orange	Tustin	8518		NW part of quad	73-C		age from map	Luisian			
24233	Orange	Laguna Beach	8519		NW part of quad	73-C		age from map	Luisian			
24234	Orange	Laguna Beach	8521		NW part of quad	73-C			no paleo info			
24235	Los Angeles	Los Angeles	8591		NE part of quad	77-D			Lower Mohnian			
24236	Los Angeles	Los Angeles	8595		NE part of quad	77-D			Mohnian			
24237	Los Angeles	Los Angeles	8597		NE part of quad	77-D			Mohnian			
24238	Los Angeles	Los Angeles	8598		NE part of quad	77-D			prob L Mohnian			
24239	Los Angeles	Los Angeles	8599		NE part of quad	77-D			Mohnian			
24240	Los Angeles	Los Angeles	8600		NE part of quad	74-G			Mohnian			
24241	Los Angeles	Los Angeles	8600		NE part of quad	77-D			Lower Mohnian			
24242	Monterey	Sycamore Flat	8600		SE of Grandmas F	81-I	Arroyo Seco		Mohnian	Stanford		
24243	Monterey	Paraiso Springs	8601		SW corner of quad	81-I	Arroyo Seco		not diagnostic	Stanford		
24244	Monterey	Paraiso Springs	8602		SW corner of quad	81-I	Arroyo Seco		not diagnostic	Stanford		
24245	Los Angeles	Los Angeles	8602		NE part of quad	77-D			?Lower Mohnian			
24246	Los Angeles	Los Angeles	8603		NE part of quad	77-D			Lower Mohnian			
24247	Monterey	Paraiso Springs	8603		SW corner of quad	81-I	Arroyo Seco		not diagnostic	Stanford		
24248	Los Angeles	Los Angeles	8604		NE part of quad	77-D			Lower Mohnian			
24249	Los Angeles	Los Angeles	8605		NE part of quad	77-D			Lower Mohnian			
24250	Los Angeles	Los Angeles	8607		NE part of quad	77-D			no paleo info			
24251	Los Angeles	Los Angeles	8609		NE part of quad	77-D			Mohnian			
24252	Los Angeles	Los Angeles	8610		NE part of quad	77-D			no paleo info			
24253	Los Angeles	Los Angeles	8611		NE part of quad	77-D			no paleo info			
24254	Los Angeles	Los Angeles	8612		NE part of quad	77-D			Lower Mohnian			
24255	Los Angeles	Los Angeles	8613		NE part of quad	77-D			no paleo info			
24256	Monterey	Paraiso Springs	8613		SW corner of quad	81-I			Mohnian	Stanford		
24257	Monterey	Paraiso Springs	8614		SW corner of quad	81-I			Mohnian	Stanford		
24258	Los Angeles	Los Angeles	8614		NE part of quad	77-D			not diagnostic			
24259	Los Angeles	Los Angeles	8615		NE part of quad	77-D			Lower Mohnian			
24260	Monterey	Paraiso Springs	8615		SW corner of quad	81-I			Mohnian	Stanford		
24261	Monterey	Paraiso Springs	8616		SW corner of quad	81-I			Mohnian	Stanford		
24262	Los Angeles	Los Angeles	8616		NE part of quad	77-D			Lower Mohnian			
24263	Los Angeles	Los Angeles	8617		NE part of quad	77-D			Lower Mohnian			
24264	Monterey	Paraiso Springs	8618		SW corner of quad	81-I			not diagnostic	Stanford		
24265	Los Angeles	Los Angeles	8618		NE part of quad	77-D			Lower Mohnian			
24266	Los Angeles	Los Angeles	8619		NE part of quad	77-D			Lower Mohnian			
24267	Monterey	Paraiso Springs	8619		SW corner of quad	81-I			Eocene	Stanford		
24268	Monterey	Sycamore Flat	8620		W of Millers Rnch	81-I	sa Baldwin Park		not diagnostic	Stanford		
24269	Monterey	Sycamore Flat	8621		W of Millers Rnch	81-I			Mohnian	Stanford		
24270	Monterey	Sycamore Flat	8622		W of Millers Rnch	81-I			Mohnian	Stanford		
24271	Monterey	Sycamore Flat	8623		W of Millers Rnch	81-I			Mohnian	Stanford		
24272	Monterey	Sycamore Flat	8624		W of Millers Rnch	81-I			Luisian	Stanford		
24273	Monterey	Juniper Serra Peak	8625		Arroyo Seco	81-I			Relizian	Stanford		
24274	Monterey	Reliz Canyon	8626		E of Leigh Ranch	81-I			Luisian	Stanford		
24275	Monterey	Juniper Serra Peak	8628		Near Woodtick Cyn	81-I			Eocene	Stanford		
24276	Monterey	Juniper Serra Peak	8629		Near Woodtick Cyn	81-I			Eocene	Stanford		
24277	Monterey	Juniper Serra Peak	8629		Near Woodtick Cyn	81-I			Eocene	Stanford		
24278	Monterey	Juniper Serra Peak	8630		Near Woodtick Cyn	81-I			Eocene	Stanford		
24279	Monterey	Juniper Serra Peak	8631		Near Woodtick Cyn	81-J			Eocene	Stanford		
24280	Los Angeles	San Dimas	8631		Arroyo Avenue	76-L			Lower Mohnian			
24281	Monterey	not found	8632			81-J			Eocene	Stanford		
24282	Monterey	Reliz Canyon	8633		SW of Leigh Ranch	81-J			Eocene	Stanford		
24283	Monterey	Juniper Serra Peak	8634		Arroyo Seco	81-J			Eocene	Stanford		
24284	Monterey	Juniper Serra Peak	8635		E of Woodtick Cyn	81-J			Eocene	Stanford		
24285	Los Angeles	San Dimas	8637		SE of Masonic Hm	76-L			not diagnostic			
24286	Monterey	Sycamore Flat	8639		SE of Grandmas F	81-J			Middle Miocene	Stanford		
24287	Monterey	not found	8640			81-J			Luisian	Stanford		
24288	Monterey	Juniper Serra Peak	8641		Arroyo Seco	81-J			Relizian	Stanford		
24289	Monterey	Reliz Canyon	8649		Sweetwater Creek	81-J			Middle Miocene	Stanford		
24290	Monterey	Reliz Canyon	8650		Sweetwater Creek	81-J			Middle Miocene	Stanford		
24291	Monterey	Reliz Canyon	8651		Sweetwater Creek	81-J		planktics com	Middle Miocene	Stanford		
24292	Monterey	Reliz Canyon	8652		Sweetwater Creek	81-J		planktics abund	Relizian	Stanford		
24293	Monterey	Reliz Canyon	8653		Sweetwater Creek	81-J			not diagnostic	Stanford		
24294	Monterey	Reliz Canyon	8654		Sweetwater Creek	81-J			poss Luisian	Stanford		
24294	Monterey	Reliz Canyon	8654		Sweetwater Creek	81-J			Middle Miocene	Stanford		
24295	Monterey	Reliz Canyon	8655		Sweetwater Creek	81-J			Middle Miocene	Stanford		
24296	Monterey	Juniper Serra Peak	8656		Near Woodtick Cyn	81-J			Lower Eocene	Stanford		
24297	Monterey	Juniper Serra Peak	8657		Arroyo Seco	81-J			Middle Miocene	Stanford		
24298	Monterey	Juniper Serra Peak	8658		Arroyo Seco	81-J			Middle Miocene	Stanford		
24299	Monterey	Juniper Serra Peak	8659		NW BM 879 A Sec	81-J			Relizian	Stanford		
24300	Monterey	Juniper Serra Peak	8660		NW BM 879 A Sec	81-J			Middle Miocene	Stanford		
24301	Monterey	Juniper Serra Peak	8661		NW BM 879 A Sec	81-J			Middle Miocene	Stanford		
24302	Monterey	Juniper Serra Peak	8662		NW BM 879 A Sec	81-J			prob Luisian	Stanford		
24303	Monterey	Juniper Serra Peak	8663		NW BM 879 A Sec	81-J			Middle Miocene	Stanford		
24304	Monterey	Juniper Serra Peak	8664		NW BM 879 A Sec	81-J			Middle Miocene	Stanford		
24305	Monterey	Juniper Serra Peak	8665		NW BM 879 A Sec	81-J			not diagnostic	Stanford		
24306	Monterey	Sycamore Flat	8666		Jamesburg-AS Rd	81-J			Luisian	Stanford		
24307	Monterey	Reliz Canyon	8667		Sweetwater Creek	81-J			Relizian	Stanford		
24308	Monterey	Reliz Canyon	8668		NW of The Rocks	81-J			Eocene	Stanford		
24309	Monterey	Juniper Serra Peak	8669		Horse Canyon	81-J			Middle Miocene	Stanford		
24310	Monterey	Juniper Serra Peak	8670		Horse Canyon	81-J			Miocene	Stanford		
24311	Los Angeles	Yorba Linda	8670		E of Brea Canyon	76-L			Mohnian			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
24312	Los Angeles	Yorba Linda	8671		not on map	76-L			Mohnian			
24313	Monterey	Juniper Serra Peak	8671		Horse Canyon	81-J			Miocene	Stanford		
24314	Los Angeles	Yorba Linda	8672		not on map	76-L			Mohnian			
24315	Monterey	Juniper Serra Peak	8672		Horse Canyon	81-J			Miocene	Stanford		
24316	Monterey	Juniper Serra Peak	8673		Horse Canyon	81-J			Relizian	Stanford		
24317	Monterey	Juniper Serra Peak	8674		Horse Canyon	81-J			Relizian	Stanford		
24318	Monterey	Juniper Serra Peak	8675		Horse Canyon	81-J			Relizian	Stanford		
24319	Monterey	Juniper Serra Peak	8676		Horse Canyon	81-J		planktics com	Relizian	Stanford		
24320	Monterey	Sycamore Flat	8677		Paloma Creek	81-J			Luisian/Relizian	Stanford		
24321	Monterey	Sycamore Flat	8678		Paloma Creek	81-J			Luisian	Stanford		
24322	Monterey	Sycamore Flat	8679		Paloma Creek	81-J			Luisian	Stanford		
24323	Monterey	Sycamore Flat	8680		Paloma Creek	81-J			Luisian	Stanford		
24324	Monterey	Sycamore Flat	8681		Paloma Creek	81-J			Luisian	Stanford		
24325	Monterey	Sycamore Flat	8682		Basin Creek	81-J			Mohnian	Stanford		
24326	Monterey	Sycamore Flat	8683		Basin Creek	81-J	sa L Pine Mtn		Lower Mohnian	Stanford		
24327	Monterey	Sycamore Flat	8684		Basin Creek	81-J			Mohnian	Stanford		
24328	Monterey	Sycamore Flat	8686		Basin Creek	81-J			Lower Mohnian	Stanford		
24329	Monterey	Sycamore Flat	8687		Basin Creek	81-J			Mohnian	Stanford		
24330	Monterey	Sycamore Flat	8690		Basin Creek	81-J			Luisian	Stanford		
24331	Monterey	Sycamore Flat	8691		Basin Creek	81-J			Luisian	Stanford		
24332	Monterey	Sycamore Flat	8692		Basin Creek	81-J			Luisian	Stanford		
24333	Monterey	Sycamore Flat	8693		Basin Creek	81-J			Luisian	Stanford		
24334	Los Angeles	San Dimas	8694		SE of Masonic Hm	77-C			Mohnian			
24335	Monterey	Paraiso Springs	8695		Sweetwater Creek	81-J			Mohnian	Stanford		
24336	Monterey	Paraiso Springs	8696		Sweetwater Creek	81-J			Mohnian	Stanford		
24337	Los Angeles	San Dimas	8696		SE of Masonic Hm	77-C			Mohnian			
24338	Los Angeles	Baldwin Park	8697		EC part of quad	77-C			Mohnian			
24339	Monterey	Juniper Serra Peak	8697		SW of The Lakes	81-J			Cret/Paleocene	Stanford		
24340	Los Angeles	Baldwin Park	8698		EC part of quad	77-C			Mohnian			
24341	Monterey	Chews Ridge	8699		Church Creek	81-J	Jamesburg 15'		Eocene	Stanford		
24342	Los Angeles	Baldwin Park	8700		EC part of quad	77-C			Mohnian			
24343	Kern	Grapevine	8760		Grapevine Canyon	E-4			no paleo info			
24344	Kern	Grapevine	8762		Grapevine Canyon	E-4			no paleo info			
24345	Kern	Grapevine	8763		Grapevine Canyon	E-4			no paleo info			
24346	Los Angeles	Valyermo	8763		SC part of quad	77-L			no paleo info			
24347	Kern	Grapevine	8764		Grapevine Canyon	E-4			no paleo info			
24348	Los Angeles	Topanga	8765		Topanga Beach	77-L			no paleo info			
24349	Los Angeles	Topanga	8767		Topanga Beach	77-L			no paleo info			
24350	Los Angeles	Van Nuys	8773		Mulholland Drive	78-F			no paleo info			
24351	Los Angeles	Canoga Park	8774		Mulholland Drive	78-F			no paleo info			
24352	Los Angeles	Van Nuys	8775		Mulholland Drive	78-F			no paleo info			
24353	Los Angeles	Calabasas	8775		Brents Junction	78-F			no paleo info			
24354	Los Angeles	Calabasas	8777		Brents Junction	78-F	picked slide		no paleo info			
24355	Los Angeles	Topanga	8781		Greenleaf Canyon	78-F		info from slide	Lower Mohnian			
24356	Los Angeles	Canoga Park	8783		Topanga Canyon	78-F			no paleo info			
24357	Los Angeles	Calabasas	8787		Cohasset Street	78-F			Upper Mohnian			
24358	Los Angeles	Calabasas	8791		NW of Woodland	79-M			Mohnian			
24359	Shasta	Oak Run	8791		Oak Run Creek	148-I	Millville 15'	not on map	U Cret F-1/G-1	Welge		
24360	Los Angeles	Canoga Park	8794	B	SW of Encino	79-M			Upper Mohnian			
24361	Los Angeles	Canoga Park	8795	4	Encino	79-M			Upper Mohnian			
24362	Los Angeles	Canoga Park	8796	A	Lindley Ave	79-M			Upper Mohnian			
24363	Los Angeles	Canoga Park	8796		Lindley Ave	79-M			Mohnian			
24364	Los Angeles	Van Nuys	8797		Encino	79-M			Upper Mohnian			
24365	Santa Cruz	Laurel	8800		Inspiration Point	147-D			prob Zemorrian	Kraetsch		
24366	Santa Cruz	Felton	8803		Zayante area	147-D	2/10S/2W (SLP)	rubber casts	Saucesian/Relizian	Kraetsch		
24367	Santa Cruz	Castle Rock Ridge	8805		Zayante Creek	147-D	30/9S/1W (SLP)	rubber casts	Lower Miocene	Kraetsch		
24368	Santa Cruz	Felton	8807		not on map	147-D	36/9S/2W (SLP)	rubber casts	Middle Miocene	Kraetsch		
24369	Santa Cruz	Santa Cruz	8808		W of Point S Cruz	147-D		rubber casts	Luisian	Kraetsch		
24370	Santa Cruz	Castle Rock Ridge	8809		Two Bar Creek	147-D			not diagnostic	Kraetsch		
24371	Santa Cruz	Castle Rock Ridge	8810		Two Bar Creek	147-D			Zemorrian	Kraetsch		
24372	Santa Cruz	Castle Rock Ridge	8811		Two Bar Creek	147-D			Zemorrian	Kraetsch		
24373	Santa Cruz	Big Basin	8812		Two Bar Creek	147-D			Zemorrian	Kraetsch		
24374	Santa Cruz	Big Basin	8813		Two Bar Creek	147-D			not diagnostic	Kraetsch		
24375	Santa Cruz	Big Basin	8814		Two Bar Creek	147-D			Zemorrian	Kraetsch		
24376	Santa Cruz	Big Basin	8815		San Lorenzo Park	147-D			not diagnostic	Kraetsch		
24377	Santa Cruz	Big Basin	8816		San Lorenzo Park	147-D			not diagnostic	Kraetsch		
24378	Santa Cruz	Big Basin	8817		San Lorenzo Park	147-D			not diagnostic	Kraetsch		
24379	Orange	El Toro	8818	A	Aliso Creek	35-E			Lower Mohnian			
24380	Orange	El Toro	8818	B	Aliso Creek	35-E			Lower Mohnian			
24381	Santa Cruz	Big Basin	8818		San Lorenzo Park	147-D			U Eocene A zone	Kraetsch		
24382	Santa Cruz	Big Basin	8819		NE part of quad	147-D			Lower Miocene	Kraetsch		
24383	Santa Cruz	Big Basin	8823		NE part of quad	147-E	dupe in Mindego H	rubber casts	Saucesian	Kraetsch		
24384	Santa Cruz	Big Basin	8824		NE part of quad	147-E			Lower Miocene	Kraetsch		
24385	San Mateo	Big Basin	8825		NE part of quad	147-E			not diagnostic	Kraetsch		
24386	San Mateo	Big Basin	8826		NE part of quad	147-E			Lower Zemorrian	Kraetsch		
24387	Santa Cruz	Big Basin?	8827		not on map	147-E			prob Zemorrian	Kraetsch		
24388	Santa Cruz	Big Basin	8828		NE part of quad	147-E			Zemorrian	Kraetsch		
24389	San Mateo	Big Basin	8829		NE part of quad	147-E			not diagnostic	Kraetsch		
24390	Santa Cruz	Big Basin	8832		Waterman Gap	147-E			not diagnostic	Kraetsch		
24391	Santa Cruz	Big Basin	8833		Waterman Gap	147-E			not diagnostic	Kraetsch		
24392	Santa Cruz	Castle Rock Ridge	8834		Kings Creek	147-E			prob L Zemorrian	Kraetsch		
24393	Santa Cruz	Castle Rock Ridge	8835		Kings Creek	147-E			barren	Kraetsch		
24394	Santa Cruz	Castle Rock Ridge	8836		Kings Creek	147-E			not diagnostic	Kraetsch		
24395	Santa Cruz	Castle Rock Ridge	8837		Kings Creek	147-E			not diagnostic	Kraetsch		
24396	Santa Cruz	Castle Rock Ridge	8838		Kings Creek	147-E			not diagnostic	Kraetsch		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
24397	Santa Cruz	Castle Rock Ridge	8839		Fat Buck Ridge	147-E			not diagnostic	Kraetsch		
24398	Santa Cruz	Castle Rock Ridge	8840		Kings Creek	147-E			Eocene A-1 zone	Kraetsch		
24399	Santa Cruz	Castle Rock Ridge	8841		Bear Creek Road	147-E			Lower Miocene	Kraetsch		
24400	Santa Cruz	Castle Rock Ridge	8842		Bear Creek Road	147-E			not diagnostic	Kraetsch		
24401	Santa Cruz	Castle Rock Ridge	8843		Bear Creek Road	147-E			barren	Kraetsch		
24402	Santa Cruz	Big Basin?	8844		not found	147-E			Lower Zemorrian	Kraetsch		
24403	Santa Cruz	Big Basin	8845		China Grade	147-E			U Eocene A zone	Kraetsch		
24404	Santa Cruz	Big Basin	8846		China Grade	147-E			not diagnostic	Kraetsch		
24405	Santa Cruz	Big Basin	8847		Locatelli Ranch	147-E			Eocene A zone	Kraetsch		
24406	Santa Cruz	Felton	8848		Loch Lomond	147-E	34/9S/2W (SLP)		Relizian	Kraetsch		
24407	Santa Cruz	Big Basin	8850		Little Basin	147-E			Zemorrian	Kraetsch		
24408	Santa Cruz	Mindego Hill	8851		SW of Table Mtn	147-E			Lower Miocene	Kraetsch		
24409	San Mateo	Mindego Hill	8852		NE of Woodruff Ck	147-E	6/7S/3E (SLP)		Lower Zemorrian	Kraetsch		
24410	San Mateo	Mindego Hill	8853		center of quad	147-E			poss M Miocene	Kraetsch		
24411	San Mateo	La Honda	8854		NE corner of quad	147-E	dupe in Mindego H	rubber casts	Lower Zemorrian	Kraetsch		
24412	San Mateo	La Honda	8855		NE corner of quad	147-E	1/7S/4W (SLP)		not diagnostic	Kraetsch		
24413	San Mateo	Mindego Hill	8856		NW part of quad	147-E			Zemorrian	Kraetsch		
24414	San Mateo	Woodside	8857		S of Sky Londa	147-E	26/6S/4W (SLP)		U Eocene A zone	Kraetsch		
24415	San Mateo	Woodside	8858		Sky Londa	147-E	26/6S/4W (SLP)		U Eocene A zone	Kraetsch		
24416	San Mateo	Woodside	8859		NW of Sky Londa	147-E	22/6S/4W (SLP)	rubber casts	poss U Eocene	Kraetsch		
24417	San Mateo	Woodside	8860		NW of Sky Londa	147-E	22/6S/4W (SLP)	rubber casts	poss L Miocene	Kraetsch		
24418	San Mateo	Woodside	8861		SE of Skeggs Poin	147-E	16/6S/4W (SLP)	rubber casts	Lower Miocene	Kraetsch		
24419	San Mateo	Woodside	8862		S of Skeggs Point	147-E	16/6S/4W (SLP)		Upper Zemorrian	Kraetsch		
24420	San Mateo	Woodside	8863		Kings Mtn School	147-E	8/6S/4W (SLP)		Lower Miocene	Kraetsch		
24421	San Mateo	Woodside	8864		Star Hill Road	147-E	18/6S/4W (SLP)		Lower Miocene	Kraetsch		
24422	San Mateo	Woodside	8866		Bear Gulch Road	147-E	27/6S/4W (SLP)	abun planktics	prob Eocene	Kraetsch		
24423	Santa Cruz	Castle Rock Ridge	8867		Bear Ck summit	147-E	31/5S/4W (SLP)		not diagnostic	Kraetsch		
24424	Santa Clara	Castle Rock Ridge	8868		Bear Ck summit	147-E		rubber casts	prob L Miocene	Kraetsch		
24425	San Mateo	Woodside	8869		Whittemore Gulch	147-E		planktics com	prob Zemorrian	Kraetsch		
24426	San Mateo	Woodside	8870		Whittemore Gulch	147-E	36/5S/5W (SLP)	few planktics	not diagnostic	Kraetsch		
24427	San Mateo	Woodside	8871		Purisima Creek	147-E	6/6S/5W (SLP)		prob Zemorrian	Kraetsch		
24428	Santa Cruz	Chittenden	8872		Near Tar Creek	147-E	26/11S/3E (SLP)	rubber casts	Upper? Zemorrian	Kraetsch		
24429	Santa Clara	Chittenden	8873		Pescadero Ck area	147-E		rubber casts	?Pliocene	Kraetsch		
24430	Santa Clara	Watsonville East	8874		EC part of quad	147-F	S Juan Bautista 15'	27/11S/3E SL	Lower Miocene	Kraetsch		
24431	Santa Cruz	Chittenden	8875		N of Pajaro Gap	147-F		rubber casts	poss L Miocene	Kraetsch		
24432	Santa Cruz	Chittenden	8876		N of Pajaro Gap	147-F		rubber casts	Lower Miocene	Kraetsch		
24433	Santa Cruz	Big Basin	8879		Big Basin	147-F			not diagnostic	Kraetsch		
24434	Santa Cruz	Big Basin	8880		Hihn Hammond R	147-F			not diagnostic	Kraetsch		
24435	San Mateo	Franklin Point	8882		just E of airport	147-F	22/8S/4W map		U Eocene A zone	Kraetsch		
24436	San Mateo	Franklin Point	8883		NE Sandy Point G	147-F	26/8S/4W (SLP)	Butano	not diagnostic	Kraetsch		
24437	San Mateo	Franklin Point	8884		NE Sandy Point G	147-F	25/8S/4W (SLP)	Butano	poss U Eocene	Kraetsch		
24438	San Mateo	Woodside	8886		SE of Skeggs Poin	147-F	22/6S/4W (SLP)		Lower Miocene	Kraetsch		
24439	San Mateo	Woodside	8887		SE of Skeggs Poin	147-F	22/6S/4W (SLP)	rubber casts	Lower Miocene	Kraetsch		
24440	San Mateo	Woodside	8888		Star Hill Road	147-F	18/6S/4W (SLP)	rubber casts	Lower Miocene	Kraetsch		
24441	Santa Cruz	Castle Rock Ridge	8889		Skyline blvd	147-F		rubber casts	Zemorrian	Kraetsch		
24442	Santa Cruz	Big Basin	8890		NE part of quad	147-F		rubber casts	Lower Miocene	Kraetsch		
24443	San Mateo	Mindego Hill	8891		Near Peters Creek	147-F		rubber casts	Lower Relizian	Kraetsch		
24444	San Mateo	Half Moon Bay	8892		Madonna Creek	147-F	27/5S/5W (SLP)		not diagnostic	Flege		
24445	Los Angeles	Calabasas	8901		W of Woodland Hls	79-M			Upper Mohnian			
24446	Los Angeles	Canoga Park	8906	2	W of Topanga Cyn	79-M			Upper Mohnian			
24447	Los Angeles	Canoga Park	8906	1	W of Topanga Cyn	79-M			Upper Mohnian			
24448	Santa Clara	Watsonville East	8907		NW part of quad	147-F	S Juan Bautista 15'		U Eocene A zone	Flege		
24449	Los Angeles	Calabasas	8908		SE part quad	79-M			Lower Mohnian			
24450	Los Angeles	Calabasas	8909		SE part quad	79-M			Upper Mohnian			
24451	Los Angeles	Calabasas	8910		SE part quad	79-M			Upper Mohnian			
24452	Santa Cruz	Castle Rock Ridge	8911		Bear Creek Road	147-F			Lower Miocene	Starke		
24453	Los Angeles	Calabasas	8912		Liberty Canyon	78-F			Middle Mohnian			
24454	Santa Cruz	Castle Rock Ridge	8912		Bear Creek Road	147-F			not diagnostic	Starke		
24455	Los Angeles	Sunland	8914		SW of Sunland	79-M			Lower Mohnian			
24456	San Mateo	Big Basin	8914		N of Waterman Ga	147-F			Lower Zemorrian	Starke		
24457	San Mateo	Mindego Hill	8915		SC part of quad	147-F			prob L Zemorrian	Starke		
24458	San Mateo	Big Basin	8916		N of Waterman Ga	147-F	dupe in Mindego H		Upper? Zemorrian	Flege		
24459	Los Angeles	Calabasas	8927		SW of Woodland H	79-M			prob U Mohnian			
24460	Los Angeles	Canoga Park	8928	1	Topanga Canyon	79-M			prob U Mohnian			
24461	Los Angeles	Canoga Park	8928	2	Topanga Canyon	79-M			Upper Mohnian			
24462	Los Angeles	Canoga Park	8928	3	Topanga Canyon	79-M			prob U Mohnian			
24463	Los Angeles	Canoga Park	8928	5	Topanga Canyon	79-M			Upper Mohnian			
24464	Los Angeles	Canoga Park	8929	1	SW of BM 1428	79-M			Upper Mohnian			
24465	Los Angeles	Canoga Park	8929	2	SW of BM 1428	79-M			Upper Mohnian			
24466	Los Angeles	Canoga Park	8929	3	SW of BM 1428	79-M			Upper Mohnian			
24467	Los Angeles	Canoga Park	8929	4	SW of BM 1428	79-M			Upper Mohnian			
24468	Los Angeles	Canoga Park	8929	5	SW of BM 1428	79-M			Upper Mohnian			
24469	Los Angeles	Canoga Park	8930	2	SW of BM 1538	79-M			Upper Mohnian			
24470	Los Angeles	Canoga Park	8930	1	SW of BM 1538	79-M			Upper Mohnian			
24471	Los Angeles	Canoga Park	8934		SFV Country Club	79-M			Lower Miocene			
24472	Los Angeles	Canoga Park	8939		W of Caballero Ck	79-N			Upper Mohnian			
24473	Los Angeles	Canoga Park	8940		SW of Encino	79-N			Upper Mohnian			
24474	Monterey	Cholame Hills	8941		Hog Canyon	140-N		rubber casts	Pliocene?	Salveson		
24475	Monterey	Cholame Hills	8942		Hog Canyon	140-N		rubber casts	Pliocene?	Salveson		
24476	Monterey	Ranchito Canyon	8943		NE part of quad	140-N	San Miquel 15'	rubber casts	Pliocene?	Salveson		
24477	Los Angeles	Canoga Park	8944		Mulholland Drive	79-N			Upper Mohnian			
24478	Monterey	Ranchito Canyon	8944		NE part of quad	140-N		rubber casts	Pliocene?	Salveson		
24479	San Luis Obispo	Templeton	8945		NW of Atascadero	140-N		rubber casts	Lower Mohnian	Salveson		
24480	San Luis Obispo	Templeton	8946		NW of Atascadero	140-N		rubber casts	Upper Miocene	Salveson		
24481	Los Angeles	Canoga Park	8946		SE Pacific Lodge	79-N			Upper Mohnian			

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1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
24482	Los Angeles	Canoga Park	8949		Caballero Creek	79-N			Mohnian			
24483	Los Angeles	Canoga Park	8950		Caballero Creek	79-N			Upper Mohnian			
24484	Los Angeles	Canoga Park	8952		E of Caballero Ck	79-N			Upper Mohnian			
24485	Monterey	Tierra Redonda Mtn	8953		San Antonio River	141-N			M Miocene	Lindvall		
24486	Monterey	Tierra Redonda Mtn	8954		San Antonio River	141-N			Relizian	Lindvall		
24487	Monterey	Tierra Redonda Mtn	8954		San Antonio River	141-N	pebbles		Relizian	Lindvall		
24488	Monterey	Tierra Redonda Mtn	8955		San Antonio River	141-N			Relizian	Lindvall		
24489	Los Angeles	Canoga Park	8956	3	S of Encino	79-N			prob L Mohnian			
24490	Monterey	Tierra Redonda Mtn	8956		San Antonio River	141-N			M Miocene	Lindvall		
24491	Monterey	Tierra Redonda Mtn	8957		San Antonio River	141-N			Relizian	Lindvall		
24492	Los Angeles	San Fernando	8958	6	Lopez Canyon	79-N			not diagnostic			
24493	Los Angeles	San Fernando	8958	15	Lopez Canyon	79-N			Upper Mohnian			
24494	Los Angeles	San Fernando	8958	17	Lopez Canyon	79-N			Upper Mohnian			
24495	Los Angeles	San Fernando	8958	22	Lopez Canyon	79-N			Upper Mohnian			
24496	Monterey	Hames Valley?	8958		not on map	141-N			no paleo info			
24497	Monterey	Hames Valley	8960		SW part of quad	141-N			no paleo info			
24498	Los Angeles	Van Nuys	8960		S of Encino	79-N			Middle Mohnian			
24499	Los Angeles	Van Nuys	8961	2	S of Encino	79-N			Upper Mohnian			
24500	Los Angeles	Van Nuys	8962	5	S of Encino	79-N			Middle Mohnian			
24501	Monterey	Cosio Knob	8963		S of Cosio Knob	141-N			Luisian/Relizian	Lindvall		
24502	Monterey	Cosio Knob	8964		Sulphur Spr Cyn	141-N			Luisian	Lindvall		
24503	Monterey	Sycamore Flat	8966		Soledad	155-N			Luisian	Lindvall		
24504	Monterey	Sycamore Flat	8967		Soledad	155-N			Luisian	Lindvall		
24505	Monterey	Sycamore Flat	8968		NE part of quad	155-N	Arroyo Seco		Luisian	Lindvall		
24506	Los Angeles	Calabasas	8971	1	N of Brents Junct	79-N			Upper Mohnian			
24507	Los Angeles	Calabasas	8971	2	N of Brents Junct	79-N			Upper Mohnian			
24508	Los Angeles	Canoga Park	8977		Topanga Canyon	79-N			Upper Mohnian			
24509	Los Angeles	Canoga Park	8978	1	SC part of quad	79-N			Middle Mohnian			
24510	Los Angeles	Canoga Park	8978	2	SC part of quad	79-N			Middle Mohnian			
24511	Los Angeles	Canoga Park	8978	3	SC part of quad	79-N			Middle Mohnian			
24512	Los Angeles	Canoga Park	8978	4	SC part of quad	79-N			Middle Mohnian			
24513	San Luis Obispo	Camatta Canyon	8981		NE corner of quad	96-G	Shandon 15'		Pliocene?	Ayres		
24514	Los Angeles	San Fernando	8981	5	Hansen Dam	79-N			Mohnian			
24515	San Luis Obispo	Camatta Canyon	8986	A	NE corner of quad	102-G	Shandon 15'	Elphidium etc	Pliocene?	Ayres		
24516	San Luis Obispo	Camatta Canyon	8986	B	NE corner of quad	102-G	Shandon 15'		Pliocene?	Ayres		
24517	Los Angeles	Canoga Park	8986	4	Woodland Hills	79-N			Mohnian			
24518	Los Angeles	Calabasas	8988		Calabasas PO	79-N			Mohnian			
24519	Los Angeles	Canoga Park	8989	1	SW corner quad	79-N			Middle Mohnian			
24520	Los Angeles	Canoga Park	8989	3	SW corner quad	79-N			Middle Mohnian			
24521	Los Angeles	Canoga Park	8989	4	SW corner quad	79-N			Middle Mohnian			
24522	Los Angeles	Canoga Park	8989	5	SW corner quad	79-N	sa Calabasas		Middle Mohnian			
24523	Los Angeles	Holland Canyon	8990	5	SW corner of quad	79-N	Orchard Peak 15'		Miocene			
24524	San Luis Obispo	Holland Canyon	8994		Holland Canyon	155-N	Orchard Peak 15'	abun ostracod	barren of forams	Ayres		
24525	San Luis Obispo	La Panza Ranch	8998		Navajo Ck area	156-I		shallow water	Upper Miocene	Ayres		
24526	San Luis Obispo	La Panza Ranch	8999		Navajo Ck area	156-I		shallow	prob U Miocene	Ayres		
24527	San Luis Obispo	La Panza Ranch	9000		Navajo Ck area	156-I		shallow	prob U Miocene	Ayres		
24528	San Luis Obispo	La Panza Ranch	9001		Navajo Ck area	156-J			prob U Miocene	Ayres		
24529	San Luis Obispo	La Panza Ranch	9002		Navajo Ck area	156-J		shallow	prob U Miocene	Ayres		
24530	San Luis Obispo	La Panza Ranch	9003		Navajo Ck area	156-J		shallow	prob U Miocene	Ayres		
24531	San Luis Obispo	La Panza Ranch	9004		Navajo Ck area	156-J		shallow	prob U Miocene	Ayres		
24532	San Luis Obispo	La Panza Ranch	9005		Navajo Ck area	156-J			Luisian	Ayres		
24533	San Luis Obispo	La Panza Ranch	9007		Navajo Ck area	156-J		shallow	prob U Miocene	Ayres		
24534	San Luis Obispo	La Panza Ranch	9008		Navajo Ck area	156-J			Luisian	Ayres		
24535	San Luis Obispo	La Panza Ranch	9009		Navajo Ck area	156-J			Luisian	Ayres		
24536	San Luis Obispo	La Panza Ranch	9010		Navajo Ck area	156-J		shallow	prob U Miocene	Ayres		
24537	San Luis Obispo	La Panza Ranch	9011		Navajo Ck area	156-J		shallow	prob U Miocene	Ayres		
24538	San Luis Obispo	La Panza Ranch	9012		Navajo Ck area	156-J		shallow	prob U Miocene	Ayres		
24539	San Luis Obispo	La Panza Ranch	9013		Navajo Ck area	156-J		shallow	Upper Miocene	Ayres		
24540	Santa Clara	Mount Madonna	9014		SW part of quad	118-L	Morgan Hill 15'		not diagnostic	Flege		
24541	Santa Clara	Mount Madonna	9015		SW part of quad	118-L	Morgan Hill 15'		Upper Eocene	Flege		
24542	Santa Cruz	Loma Prieta	9016		N of Gamecock Cy	118-L			Upper Eocene	Flege		
24543	Santa Cruz	Loma Prieta	9017		S of Nibbs Knob	118-L			Upper Eocene	Flege		
24544	Santa Cruz	Loma Prieta	9018		SW of Nibbs Knob	118-L			Upper Eocene	Flege		
24545	Santa Cruz	Loma Prieta	9019		SW of Nibbs Knob	118-L			not diagnostic	Flege		
24546	Santa Cruz	Watsonville East	9020		NW corner quad	140-M	S Juan Bautista 15'		Upper Zemorrian	Flege		
24547	Santa Cruz	Watsonville East	9021		NW corner quad	140-M	S Juan Bautista 15'		not diagnostic	Flege		
24548	Santa Cruz	Mount Madonna	9022		Mt Madonna Road	140-M	Morgan Hill 15'		prob L Miocene	Flege		
24549	Santa Cruz	Mount Madonna	9023		Mt Madonna Road	140-M	Morgan Hill 15'		prob Eocene	Flege		
24550	Santa Cruz	Mount Madonna	9024		Mt Madonna Road	140-M	Morgan Hill 15'		prob Eocene A zoi	Flege		
24551	Los Angeles	Topanga	9051	1	NW corner quad	79-N			Mohnian			
24552	Los Angeles	Topanga	9051	2	NW corner quad	79-N			Mohnian			
24553	Los Angeles	Topanga	9051	3	NW corner quad	79-N			Mohnian			
24554	Los Angeles	Topanga	9051	5	NW corner quad	79-N			not diagnostic			
24555	Los Angeles	Topanga	9051	7	NW corner quad	79-N			Middle Mohnian			
24556	Los Angeles	Topanga	9051	8	NW corner quad	79-N			Middle Mohnian			
24557	Los Angeles	Topanga	9052	1	NW corner quad	79-N			Mohnian			
24558	Los Angeles	Topanga	9052	2	NW corner quad	79-N			Middle Mohnian			
24559	Los Angeles	Canoga Park	9053	1	Caballero Creek	79-N	San Fernando Vly		Mohnian			
24560	Los Angeles	Canoga Park	9053	2	Caballero Creek	79-N	San Fernando Vly		Upper Mohnian			
24561	Los Angeles	Sunland	9054	6	SW of Herreres	79-N			Mohnian			
24562	Los Angeles	Sunland	9055	5	SE of Herreres R	79-N			Mohnian			
24563	Monterey	Sycamore Flat	9057		Sand Creek	155-N		rubber casts	Upper Miocene	Lindvall		
24564	Los Angeles	Canoga Park	9060		Encino Reservoir	79-N			Paleocene/Eocene			
24565	Monterey	Chews Ridge	9062		Miller Canyon	105-G	Jamesburg 15'	abun planktics	Upper Eocene	Dickinson		
24566	Monterey	Chews Ridge	9063		Miller Canyon	105-G	Jamesburg 15'		Upper Eocene	Dickinson		

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1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
24567	Monterey	Chews Ridge	9064		Miller Canyon	105-G	Jamesburg 15'	com planktics	Upper Eocene	Dickinson		
24568	Monterey	Chews Ridge	9065		Miller Canyon	105-G	Jamesburg 15'		not diagnostic	Dickinson		
24569	Los Angeles	Sunland	9066		SE of Herreres R	79-N			Mohnian			
24570	Monterey	Sycamore Flat	9067		Sand Creek	155-N		rubber casts	Luisian	Lindvall		
24571	Los Angeles	not found	9067	29		80-A	San Fernando Vly		not diagnostic			
24572	Los Angeles	not found	9067	32		80-A	San Fernando Vly		Middle Mohnian			
24573	Los Angeles	not found	9067	33		80-A	San Fernando Vly		Middle Mohnian			
24574	Los Angeles	not found	9067	34		80-A	San Fernando Vly		Mohnian			
24575	Los Angeles	not found	9067	38		80-A	San Fernando Vly		Mohnian			
24576	Monterey	Sycamore Flat	9068		Sand Creek	155-N		rubber casts	? Luisian	Lindvall		
24577	Monterey	Sycamore Flat	9069		Sand Creek	155-N			L Mohnian?	Lindvall		
24578	Monterey	Sycamore Flat	9070		Basin Creek	155-N			L Mohnian	Lindvall		
24579	Monterey	Sycamore Flat	9071		Basin Creek	155-N			Luisian/Mohnian	Lindvall		
24580	Ventura	Fillmore	9071		Maple Creek	80-A			Saucesian			
24581	Monterey	Sycamore Flat	9072		Basin Creek	155-N			L Mohnian	Lindvall		
24582	Monterey	Sycamore Flat	9072	RS	Basin Creek	155-N			L Mohnian	Lindvall		
24583	Monterey	Sycamore Flat	9073		Basin Creek	155-N			L Mohnian	Lindvall		
24584	Monterey	Sycamore Flat	9074		Paloma Creek	155-N			? Luisian	Lindvall		
24585	Monterey	Chews Ridge	9076		Church Creek	129-C	Jamesburg 15'		not diagnostic	Bolin		
24586	Monterey	Zigzag Creek	9083		near Tassajara	129-C	Lucia 15'		poss Upper Eocen	Bolin		
24587	Santa Barbara	San Miguel Island We	9083		SE of Green Mtn	85-J		NP age	Lower Eocene			
24588	Santa Barbara	San Miguel Island We	9084		SE of Green Mtn	85-J		NP age	Lower Eocene			
24589	Monterey	Zigzag Creek	9084		near Tassajara	129-C	Lucia 15'		poss Upper Eocen	Bolin		
24590	Santa Barbara	San Miguel Island We	9085		SE of Green Mtn	85-J		NP age	Lower Eocene			
24591	Monterey	Zigzag Creek	9085		near Tassajara	129-C	Lucia 15'		poss upper Eocen	Bolin		
24592	Monterey	Zigzag Creek	9086	A	near Tassajara	129-C	Lucia 15'		poss upper Eocen	Bolin		
24593	Monterey	Zigzag Creek	9086	B	near Tassajara	129-C	Lucia 15'		poss upper Eocen	Bolin		
24594	Santa Barbara	San Miguel Island We	9086		SE of Green Mtn	85-J		NP age	Lower Eocene			
24595	Santa Barbara	San Miguel Island We	9087		SE of Green Mtn	85-J		NP age	Lower Eocene			
24596	Monterey	Sycamore Flat	9097		Paloma Creek	155-H			Luisian	Lindvall		
24597	Monterey	Sycamore Flat	9098		Paloma Creek	155-H			Middle Miocene	Lindvall		
24598	Monterey	Sycamore Flat	9099		Paloma Creek	155-H			Luisian	Lindvall		
24599	Monterey	Paraiso Springs	9101		S of Paraiso Sprs	42-G	Soledad 15'		Luisian	Ayres & L		
24600	Monterey	Sycamore Flat	9102		SE of The Basin	42-G			Luisian	Ayres & L		
24601	Monterey	Paraiso Springs	9103		S of Paraiso Sprs	42-G	Soledad 15'		Luisian	Ayres & L		
24602	Monterey	Paraiso Springs	9104		S of Paraiso Sprs	42-G	Soledad 15'		Luisian	Ayres & L		
24603	Monterey	Sycamore Flat	9113		Tash Creek	160-M			Luisian	Lindvall		
24604	Monterey	Sycamore Flat	9114		NW of The Basin	160-M			not diagnostic	Lindvall		
24605	Santa Barbara	San Miguel Island East	9115		SW of Bay Point	85-F			no paleo info			
24606	Monterey	Sycamore Flat	9116		not found	160-M			Luisian	Lindvall		
24607	Monterey	Sycamore Flat	9117		Tash Creek	160-M			Luisian	Lindvall		
24608	Monterey	Sycamore Flat	9118		Tash Creek	160-M			Luisian/ Mohnian	Lindvall		
24609	Monterey	Sycamore Flat	9120		Tash Creek	160-M			not diagnostic	Lindvall		
24610	Santa Barbara	San Miguel Island East	9123		SW of Bay Point	85-F			no paleo info			
24611	Santa Barbara	San Miguel Island East	9125		SW of Bay Point	85-F			no paleo info			
24612	Santa Cruz	Chittenden	9126	RS	W of Sargent	142-N		rubber casts	Lower Mohnian	Flege		
24613	Santa Clara	Mount Madonna	9130		Eastman Canyon	142-N	Morgan Hill 15'		not diagnostic	Flege		
24614	Santa Clara	Loma Prieta	9131		Croy Ridge	142-N	com planktics	casts only	prob Eocene	Flege		
24615	Santa Clara	Loma Prieta	9132		Croy Ridge	142-N			not diagnostic	Flege		
24616	Monterey	Sycamore Flat	9150		Paloma Creek	155-N			Luisian	Lindvall		
24617	Monterey	Sycamore Flat	9151		Paloma Creek	155-N			Luisian/Mohnian	Lindvall		
24618	Monterey	Sycamore Flat?	9153		not on map	155-N			Middle Miocene	Ayres & L		
24619	Monterey	Sycamore Flat	9154		Sand Creek	155-N			Mohnian	Ayres & L		
24620	Monterey	Sycamore Flat	9155		Basin Creek	155-N			Luisian	Ayres & L		
24621	Santa Cruz	Loma Prieta	9158		Near S Rosalia Mt	21-G	casts only did not	wash out	poss L Miocene	Starke		
24622	Santa Cruz	Loma Prieta	9159		Near S Rosalia Mt	21-G			U Eocene	Starke		
24623	Santa Cruz	Loma Prieta	9160		Near S Rosalia Mt	21-G		rubber casts	U Eocene	Starke		
24624	San Mateo	La Honda	9161		Pescadero Creek	155-G			U Eocene A-1 zone	Starke		
24625	San Mateo	La Honda	9162		Pescadero Creek	155-G			U Eocene A-2 zone	Starke		
24626	San Mateo	La Honda	9163		Pescadero Creek	155-G		com planktics	U Eocene A zone	Starke		
24627	San Luis Obispo	La Panza Ranch	9166		center of quad	156-J	La Panza 15'		Upper Miocene	Ayres & L		
24628	San Luis Obispo	La Panza Ranch	9168		center of quad	156-J	La Panza 15'		Upper Miocene	Ayres & L		
24629	San Luis Obispo	La Panza Ranch	9169		San Juan Creek	156-J	La Panza 15'		Upper Miocene	Ayres & L		
24630	San Luis Obispo	La Panza Ranch	9170		center of quad	156-J	La Panza 15'		Upper Miocene	Ayres		
24631	San Luis Obispo	La Panza Ranch	9171		San Juan Creek	156-J	La Panza 15'		prob Luisian	Ayres		
24632	San Luis Obispo	La Panza Ranch	9172		San Juan Creek	156-J	La Panza 15'		Upper Miocene	Ayres		
24633	San Luis Obispo	La Panza Ranch	9173		San Juan Creek	156-J	La Panza 15'		Upper Miocene	Ayres		
24634	San Luis Obispo	La Panza Ranch	9174		San Juan Creek	156-J	La Panza 15'		Upper Miocene	Ayres		
24635	San Luis Obispo	La Panza Ranch	9175		San Juan Creek	156-J	La Panza 15'		not diagnostic	Ayres		
24636	Monterey	Sycamore Flat	9176		Little Sand Creek	169-D			Luisian	Ayres		
24637	Monterey	Sycamore Flat	9177		Tash Creek	169-D		rubber casts	Upper Miocene	Ayres		
24638	Monterey	Sycamore Flat	9178		Tash Creek	169-D		rubber casts	Upper Miocene	Ayres		
24639	Monterey	Sycamore Flat	9179		Tash Creek	169-D		rubber casts	Luisian	Ayres		
24640	San Diego	La Jolla	9180	1	Torry Pines Rd	84-N			Eocene			
24641	San Diego	La Jolla	9180	2	Torry Pines Rd	84-N			Eocene			
24642	San Diego	La Jolla	9180	3	Torry Pines Rd	84-N			Eocene			
24643	San Diego	La Jolla	9180	4	Torry Pines Rd	84-N			Eocene			
24644	San Diego	La Jolla	9180	5	Torry Pines Rd	84-N			Eocene			
24645	San Diego	La Jolla	9180	6	Torry Pines Rd	84-N			Eocene			
24646	San Diego	La Jolla	9180	7	Torry Pines Rd	84-N			Eocene			
24647	San Diego	La Jolla	9180	8	Torry Pines Rd	84-N			Eocene			
24648	San Diego	La Jolla	9180	9	Torry Pines Rd	84-N			Eocene			
24649	San Diego	La Jolla	9180	10	Torry Pines Rd	84-N			Eocene			
24650	San Diego	La Jolla	9180	11	Torry Pines Rd	84-N			Eocene			
24651	San Diego	La Jolla	9180	12	Torry Pines Rd	84-N			Eocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
24652	San Diego	La Jolla	9180	13	Torry Pines Rd	84-N		NP age	Middle Eocene			
24653	San Diego	La Jolla	9180	14	Torry Pines Rd	84-N			Eocene			
24654	San Diego	La Jolla	9180	15	Torry Pines Rd	84-N		has NP, no ag	Eocene			
24655	San Diego	La Jolla	9180	16	Torry Pines Rd	84-N		has NP, no ag	Eocene			
24656	San Diego	La Jolla	9180	17	Torry Pines Rd	84-N			Eocene			
24657	Kern	Santiago Creek	9180		Santiago Creek	74-M	Pioneer anticline		no paleo info			
24658	Kern	Santiago Creek	9181	A	Muddy Creek	74-M	Pioneer anticline		no paleo info			
24659	Kern	Santiago Creek	9181	B	Muddy Creek	74-M	Pioneer anticline		no paleo info			
24660	Santa Cruz	Laurel	9184		Near Highland Sch	99-G			Lower Miocene	Starke		
24661	Santa Cruz	Laurel	9185		Near Highland Sch	99-G			Lower Miocene	Starke		
24662	Santa Cruz	Laurel	9186		Near Highland Sch	99-G	not onmap		not diagnostic	Starke		
24663	Santa Cruz	Laurel	9187		Los Gatos	99-G			prob Zemorrian	Starke		
24664	Santa Cruz	Laurel	9188		Highway 17	99-G			poss Luisian	Starke		
24665	Santa Cruz	Loma Prieta	9189		S Rosalia Mtn	99-G			not diagnostic	Starke		
24666	Santa Cruz	Loma Prieta	9189	RS	S Rosalia Mtn	160-H			not diagnostic	Starke		
24667	Santa Cruz	Loma Prieta	9190		S Rosalia Mtn	99-G			not diagnostic	Starke		
24668	Santa Cruz	Loma Prieta	9191		S Rosalia Mtn	99-G		com planktics	poss Eocene	Starke		
24669	Santa Cruz	Laurel	9192		NW corner of quad	159-N			not diagnostic	Starke		
24670	Santa Cruz	Los Gatos	9193		Bean Creek	159-N			Miocene	Starke		
24671	Santa Cruz	Laurel	9195		S of Laurel	52-G			Lower Miocene	Starke		
24672	San Bernardino	Prado Dam	9195	1	SE part of quad	82-K			no paleo info			
24673	San Bernardino	Prado Dam	9195	2	SE part of quad	82-K		NP age	Mohnian			
24674	San Bernardino	Prado Dam	9195	3	SE part of quad	82-K			no paleo info			
24675	San Bernardino	Prado Dam	9195	5	SE part of quad	82-K		abun planktics	Upper Miocene?			
24676	San Bernardino	Yorba Linda	9195	6	SE part of quad	82-K		rare planktics	Upper Miocene?			
24677	San Bernardino	Yorba Linda	9195	7	SE part of quad	82-K		rare planktics	Upper Miocene?			
24678	San Bernardino	Yorba Linda	9195	8	SE part of quad	82-K		rare planktics	not diagnostic			
24679	San Bernardino	Yorba Linda	9195	9	SE part of quad	82-K		rare planktics	Upper Miocene?			
24680	San Bernardino	Yorba Linda	9195	11	SE part of quad	82-K			not diagnostic			
24681	San Bernardino	Yorba Linda	9195	12	SE part of quad	82-K		com planktics	not diagnostic			
24682	San Bernardino	Yorba Linda	9195	13	SE part of quad	82-K		com planktics	not diagnostic			
24683	San Bernardino	Yorba Linda	9195	14	SE part of quad	82-K			not diagnostic			
24684	Santa Cruz	Laurel	9197		not found	11-B		rubber casts	Lower Miocene	Starke		
24685	Santa Cruz	Laurel	9198		Spanish Ranch	11-B		glauconitic	poss L Miocene	Starke		
24686	Santa Cruz	Laurel	9199		Loma Prieta Rd	11-B			poss U Eocene	Starke		
24687	Ventura	Rancho Nuevo Creek	9200	1	SE part of quad	87-G			Luisian			
24688	Ventura	Rancho Nuevo Creek	9200	2	SE part of quad	87-G			Luisian			
24689	Ventura	Rancho Nuevo Creek	9200	3	SE part of quad	87-G			Saucesian			
24690	San Luis Obispo	McKittrick Summit	9216		San Diego Creek	155-I			no paleo info	Hunter		
24691	Los Angeles	Hollywood	9241		NW of Atwater	80-B			Lower Mohnian			
24692	Los Angeles	Burbank	9242	2	SW of Glendale	80-B			not diagnostic			
24693	San Luis Obispo	McKittrick Summit	9247		San Diego Creek	155-I		Burbank	no paleo info	Hunter		
24694	San Luis Obispo	McKittrick Summit	9248		San Diego Creek	155-I		Burbank	no paleo info	Hunter		
24695	San Luis Obispo	McKittrick Summit	9249		San Diego Creek	155-I			no paleo info	Hunter		
24696	Los Angeles	Topanga	9249	57B	NW corner quad	80-B			Relizian			
24697	Los Angeles	Topanga	9249	72	NW corner quad	80-B			Relizian			
24698	Los Angeles	Topanga	9249	76	NW corner quad	80-B			Relizian			
24699	Los Angeles	Topanga	9250	1	NW corner quad	80-B			Middle Mohnian			
24700	San Luis Obispo	McKittrick Summit	9250	A	San Diego Creek	155-I			no paleo info	Hunter		
24701	San Luis Obispo	McKittrick Summit	9250	B	San Diego Creek	155-I		abun diatoms	no paleo info	Hunter		
24702	Los Angeles	Beverly Hills	9251		Benedict Canyon	80-B			Mohnian			
24703	Los Angeles	Topanga	9253	1	NW corner quad	80-B			Mohnian			
24704	Los Angeles	Topanga	9253	2	NW corner quad	80-B			Mohnian			
24705	Ventura	Thousand Oaks	9259	1	S of Lang Ranch	80-B			Luisian			
24706	Ventura	Thousand Oaks	9259	2	S of Lang Ranch	80-B			Luisian			
24707	Santa Barbara	San Miguel Island We	9279	1	San Miguel Island	83-L	strat column	provides ages	Paleocene			
24708	Santa Barbara	San Miguel Island We	9279	4	San Miguel Island	83-L			Paleocene			
24709	Santa Barbara	San Miguel Island We	9279	5	San Miguel Island	83-L			Lower Eocene			
24710	Santa Barbara	San Miguel Island We	9279	6	San Miguel Island	83-L	picked slide		Lower Eocene			
24711	Santa Barbara	San Miguel Island We	9279	7	San Miguel Island	83-L	picked slide		Lower Eocene			
24712	Santa Barbara	San Miguel Island We	9279	8	San Miguel Island	83-L			Lower Eocene			
24713	Santa Barbara	San Miguel Island We	9279	9	San Miguel Island	83-L	picked slide		Lower Eocene			
24714	Santa Barbara	San Miguel Island We	9279	10	San Miguel Island	83-L			Lower Eocene			
24715	Santa Barbara	San Miguel Island We	9279	11	San Miguel Island	83-L			Lower Eocene			
24716	Santa Barbara	San Miguel Island We	9279	13	San Miguel Island	83-L			Lower Eocene			
24717	Santa Barbara	San Miguel Island We	9279	14	San Miguel Island	83-L			Lower Eocene			
24718	Santa Barbara	San Miguel Island We	9279	15	San Miguel Island	83-L			Lower Eocene			
24719	Santa Barbara	San Miguel Island We	9279	16	San Miguel Island	83-L			Lower Eocene			
24720	Santa Barbara	San Miguel Island We	9279	17	San Miguel Island	83-L			Lower Eocene			
24721	Santa Barbara	San Miguel Island We	9279	17	San Miguel Island	83-L			Lower Eocene			
24722	Santa Barbara	San Miguel Island We	9279	19	San Miguel Island	83-L			Cret/Paleocene			
24723	Santa Barbara	San Miguel Island We	9279	20	San Miguel Island	83-L			Cret/Paleocene			
24724	Santa Barbara	San Miguel Island We	9279	23	San Miguel Island	83-M			Cret/Paleocene			
24725	Santa Barbara	San Miguel Island We	9279	22	San Miguel Island	83-M			Upper Cretaceous			
24726	Santa Barbara	San Miguel Island We	9279	23	San Miguel Island	83-M			Upper Cretaceous			
24727	Santa Barbara	San Miguel Island We	9279	24	San Miguel Island	83-M			Upper Cretaceous			
24728	Santa Barbara	San Miguel Island We	9279	25	San Miguel Island	83-M			Upper Cretaceous			
24729	Santa Barbara	San Miguel Island We	9279	26	San Miguel Island	83-M			no paleo info			
24730	Santa Barbara	San Miguel Island We	9279	27	San Miguel Island	83-M			no paleo info			
24731	Santa Barbara	San Miguel Island We	9279	28	San Miguel Island	83-M			no paleo info			
24732	Santa Barbara	San Miguel Island We	9279	29	San Miguel Island	83-M			no paleo info			
24733	Santa Barbara	San Miguel Island We	9279	36	San Miguel Island	83-M			Lower Eocene			
24734	Santa Barbara	San Miguel Island We	9279	37	San Miguel Island	83-M			Lower Eocene			
24735	Santa Barbara	San Miguel Island We	9279	39	San Miguel Island	83-M			Lower Eocene			
24736	Santa Barbara	San Miguel Island We	9279	40	San Miguel Island	83-M			Lower Eocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5 QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
24737	Santa Barbara	San Miguel Island We	9279	41	San Miguel Island	83-M			Lower Eocene			
24738	Santa Barbara	San Miguel Island We	9279	42	San Miguel Island	83-M			Lower Eocene			
24739	Santa Barbara	San Miguel Island We	9279	43	San Miguel Island	83-M			Lower Eocene			
24740	Santa Barbara	San Miguel Island We	9279	44	San Miguel Island	83-M			Middle Eocene			
24741	Santa Barbara	San Miguel Island We	9279	45	San Miguel Island	83-M			Middle Eocene			
24742	Santa Barbara	San Miguel Island Eas	9279	64	San Miguel Island	83-M			Upper Cretaceous			
24743	Santa Barbara	San Miguel Island Eas	9279	65	San Miguel Island	83-M			Upper Cretaceous			
24744	Santa Barbara	San Miguel Island Eas	9279	66	San Miguel Island	83-M			Upper Cretaceous			
24745	Santa Barbara	San Miguel Island Eas	9279	67	San Miguel Island	83-M			Upper Cretaceous			
24746	Santa Barbara	San Miguel Island Eas	9279	68	San Miguel Island	83-M			Upper Cretaceous			
24747	Santa Barbara	San Miguel Island Eas	9279	69	San Miguel Island	83-M			Upper Cretaceous			
24748	Santa Barbara	San Miguel Island Eas	9279	70	San Miguel Island	83-M			Upper Cretaceous			
24749	Santa Barbara	San Miguel Island Eas	9279	72	San Miguel Island	83-M			Upper Cretaceous			
24750	Santa Barbara	San Miguel Island Eas	9279	73	San Miguel Island	83-M			Upper Cretaceous			
24751	Santa Barbara	San Miguel Island Eas	9279	76	San Miguel Island	83-M			Upper Cretaceous			
24752	Santa Barbara	San Miguel Island Eas	9279	77	San Miguel Island	83-M			Upper Cretaceous			
24753	Santa Barbara	San Miguel Island Eas	9279	77	San Miguel Island	83-M			Upper Cretaceous			
24754	Santa Barbara	San Miguel Island Eas	9279	78	San Miguel Island	83-M			Upper Cretaceous			
24755	Santa Barbara	San Miguel Island Eas	9279	79	San Miguel Island	83-M			Upper Cretaceous			
24756	Santa Barbara	San Miguel Island Eas	9279	80	San Miguel Island	83-M			Upper Cretaceous			
24757	Santa Barbara	San Miguel Island Eas	9279	81	San Miguel Island	83-M			Upper Cretaceous			
24758	Santa Barbara	San Miguel Island Eas	9279	82	San Miguel Island	83-M			Upper Cretaceous			
24759	Santa Barbara	San Miguel Island Eas	9279	83	San Miguel Island	83-M			Upper Cretaceous			
24760	Santa Barbara	San Miguel Island Eas	9279	84	San Miguel Island	83-M			Upper Cretaceous			
24761	Santa Barbara	San Miguel Island Eas	9279	95	San Miguel Island	83-M			Upper Cretaceous			
24762	Santa Barbara	San Miguel Island Eas	9279	86	San Miguel Island	83-M			Upper Cretaceous			
24763	Santa Barbara	San Miguel Island Eas	9279	87	San Miguel Island	83-M			Upper Cretaceous			
24764	Santa Barbara	San Miguel Island Eas	9279	88	San Miguel Island	83-M			Upper Cretaceous			
24765	Santa Barbara	San Miguel Island Eas	9279	89	San Miguel Island	83-M			Upper Cretaceous			
24766	Santa Barbara	San Miguel Island Eas	9279	90	San Miguel Island	83-M			no paleo info			
24767	Santa Barbara	San Miguel Island Eas	9279	91	San Miguel Island	83-M			no paleo info			
24768	Santa Barbara	San Miguel Island Eas	9279	92	San Miguel Island	83-M			Eocene			
24769	Santa Barbara	San Miguel Island Eas	9279	93	San Miguel Island	83-M			no paleo info			
24770	Santa Barbara	San Miguel Island Eas	9279	94	San Miguel Island	83-M			no paleo info			
24771	Santa Barbara	San Miguel Island Eas	9279	95	San Miguel Island	83-M			no paleo info			
24772	Santa Barbara	San Miguel Island Eas	9279	96	San Miguel Island	83-M			no paleo info			
24773	Santa Barbara	San Miguel Island Eas	9279	97	San Miguel Island	83-M			no paleo info			
24774	Santa Barbara	San Miguel Island Eas	9279	98	San Miguel Island	83-M			no paleo info			
24775	Santa Barbara	San Miguel Island Eas	9279	99	San Miguel Island	83-M			no paleo info			
24776	Santa Barbara	San Miguel Island Eas	9279	100	San Miguel Island	83-M			no paleo info			
24777	Santa Barbara	San Miguel Island Eas	9279	103	San Miguel Island	102-G			no paleo info			
24778	Santa Barbara	San Miguel Island Eas	9279	104	San Miguel Island	102-G			no paleo info			
24779	Santa Barbara	San Miguel Island Eas	9279	105	San Miguel Island	102-G			no paleo info			
24780	Santa Barbara	San Miguel Island Eas	9279	109	San Miguel Island	102-G	field age not paleo	(probably)	Miocene?			
24781	Santa Barbara	San Miguel Island Eas	9279	118	San Miguel Island	102-G	field age not paleo	(probably)	Miocene			
24782	Santa Barbara	San Miguel Island Eas	9279	119	San Miguel Island	102-G	field age not paleo	(probably)	Miocene			
24783	Santa Barbara	San Miguel Island Eas	9279	120	San Miguel Island	102-G	field age not paleo	(probably)	Miocene			
24784	Santa Barbara	San Miguel Island Eas	9279	121	San Miguel Island	102-G	field age not paleo	(probably)	Miocene			
24785	Santa Barbara	San Miguel Island Eas	9279	122	San Miguel Island	102-G	field age not paleo	(probably)	Miocene			
24786	Santa Barbara	San Miguel Island Eas	9279	123	San Miguel Island	102-G	field age not paleo	(probably)	Miocene			
24787	Santa Barbara	San Miguel Island Eas	9279	124	San Miguel Island	102-G	field age not paleo	(probably)	Miocene			
24788	Santa Barbara	San Miguel Island Eas	9279	125	San Miguel Island	102-G	field age not paleo	(probably)	Miocene			
24789	Santa Barbara	San Miguel Island Eas	9279	126	San Miguel Island	102-G	field age not paleo	(probably)	Miocene			
24790	Santa Barbara	San Miguel Island Eas	9279	127	San Miguel Island	102-G	field age not paleo	(probably)	Miocene			
24791	Santa Barbara	San Miguel Island Eas	9279	128	San Miguel Island	102-G	field age not paleo	(probably)	Miocene			
24792	Santa Barbara	San Miguel Island Eas	9279	129	San Miguel Island	102-G	field age not paleo	(probably)	Miocene			
24793	Santa Barbara	San Miguel Island Eas	9279	130	San Miguel Island	102-G	field age not paleo	(probably)	Eocene or Miocene			
24794	Santa Barbara	San Miguel Island Eas	9279	131	San Miguel Island	102-G	field age not paleo	(probably)	Eocene or Miocene			
24795	Santa Barbara	San Miguel Island Eas	9279	132	San Miguel Island	102-G	field age not paleo	(probably)	Miocene			
24796	Santa Barbara	San Miguel Island Eas	9279	133	San Miguel Island	102-G	field age not paleo	(probably)	Miocene			
24797	Santa Barbara	San Miguel Island Eas	9279	134	San Miguel Island	102-G	field age not paleo	(probably)	Miocene			
24798	Santa Barbara	San Miguel Island Eas	9279	135	San Miguel Island	102-G	field age not paleo	(probably)	Eocene or Miocene			
24799	Santa Barbara	San Miguel Island Eas	9279	136	San Miguel Island	102-G	field age not paleo	(probably)	Eocene or Miocene			
24800	Santa Barbara	San Miguel Island Eas	9279	136A	San Miguel Island	102-G	field age not paleo	(probably)	Eocene or Miocene			
24801	Santa Barbara	San Miguel Island Eas	9279	137	San Miguel Island	102-G	field age not paleo	(probably)	Miocene			
24802	Santa Barbara	San Miguel Island Wa	9279	140	San Miguel Island	102-G	field age not paleo	(probably)	Cretaceous?			
24803	Santa Barbara	San Miguel Island Wa	9279	141	San Miguel Island	102-G	field age not paleo	(probably)	Eocene or Cret			
24804	Santa Barbara	San Miguel Island Wa	9279	142	San Miguel Island	102-G	field age not paleo	(probably)	Eocene?			
24805	Santa Barbara	San Miguel Island Wa	9279	143	San Miguel Island	102-G	field age not paleo	(probably)	Eocene?			
24806	Santa Barbara	San Miguel Island Wa	9279	143A	San Miguel Island	102-G	field age not paleo	(probably)	Eocene or Cret			
24807	Santa Barbara	San Miguel Island Wa	9279	144	San Miguel Island	102-G	field age not paleo	(probably)	Cretaceous?			
24808	Santa Barbara	San Miguel Island Wa	9279	145	San Miguel Island	102-G	field age not paleo	(probably)	Cretaceous?			
24809	Santa Barbara	Sacate	9281	1	S Anita Canyon	87-G	ages from strat	column	Middle Eocene			
24810	Santa Barbara	Sacate	9281	2	S Anita Canyon	87-G		has NP	Middle Eocene			
24811	Santa Barbara	Sacate	9281	3	S Anita Canyon	87-G		has NP	Middle Eocene			
24812	Kern	McKittrick Summit	9306		NW part of quad	155-I	could also be		no paleo info	Hunter		
24813	Kern	McKittrick Summit	9307		NW part of quad	155-I	Yorba Linda quad		no paleo info	Hunter		
24814	Kern	McKittrick Summit	9308		center of quad	155-I	ditto		no paleo info	Hunter		
24815	Santa Barbara	Santa Rosa Hills	9311	1	Can del Agua	81-I		has pollen	not diagnostic			
24816	Santa Barbara	Santa Rosa Hills	9311	2	Can del Agua	81-I			not diagnostic			
24817	Santa Barbara	Santa Rosa Hills	9311	3	Can del Agua	81-I		has pollen	not diagnostic			
24818	Santa Barbara	Santa Rosa Hills	9311	8	Can del Agua	83-F		has pollen	Cret/Paleocene?			
24819	Santa Barbara	Santa Rosa Hills	9311	9	Can del Agua	83-F			Cret/Paleocene?			
24820	Santa Barbara	Santa Rosa Hills	9311	10	Can del Agua	83-F		has pollen	Cret/Paleocene?			
24821	Santa Barbara	Santa Rosa Hills	9311	11	Can del Agua	83-F			Cret/Paleocene?			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
24822	Santa Barbara	Santa Rosa Hills	9311	12	Can del Agua	83-F		has pollen	not diagnostic			
24823	Santa Barbara	Santa Rosa Hills	9311	13	Can del Agua	83-F			not diagnostic			
24824	Santa Barbara	Santa Rosa Hills	9311	14	Can del Agua	83-F		has pollen	not diagnostic			
24825	Santa Barbara	Santa Rosa Hills	9311	15	Can del Agua	83-F			not diagnostic			
24826	Santa Barbara	Santa Rosa Hills	9311	16	Can del Agua	83-F			not diagnostic			
24827	Santa Barbara	Santa Rosa Hills	9311	17	Can del Agua	83-F			not diagnostic			
24828	Santa Barbara	Santa Rosa Hills	9311	18	Can del Agua	83-F		has pollen	not diagnostic			
24829	Santa Barbara	Santa Rosa Hills	9311	19	Can del Agua	83-F			not diagnostic			
24830	Santa Barbara	Sacate	9311	20	Can del Agua	83-F			not diagnostic			
24831	Santa Barbara	Sacate	9311	21	Can del Agua	83-F			not diagnostic			
24832	Santa Barbara	Sacate	9311	22	Can del Agua	83-F			not diagnostic			
24833	Santa Barbara	Sacate	9311	23	Can del Agua	83-F			not diagnostic			
24834	Santa Barbara	Sacate	9311	24	Can del Agua	83-F			not diagnostic			
24835	Santa Barbara	Sacate	9311	25	Can del Agua	83-F			not diagnostic			
24836	Santa Barbara	Sacate	9311	27	Can del Agua	83-F			not diagnostic			
24837	Santa Barbara	Sacate	9311	28	Can del Agua	83-F		has pollen	not diagnostic			
24838	Santa Barbara	Sacate	9311	28	Can del Agua	87-M			not diagnostic			
24839	Santa Barbara	Sacate	9311	29	Can del Agua	83-F		has pollen	not diagnostic			
24840	Santa Barbara	Sacate	9311	30	Can del Agua	83-F		has pollen	not diagnostic			
24841	Santa Barbara	Sacate	9311	31	Can del Agua	83-F		has pollen	not diagnostic			
24842	Santa Barbara	Sacate	9311	44	Can del Agua	87-M		has planktics	Cretaceous?			
24843	Orange	Yorba Linda	9312		Sonome Canyon	155-I	could also be		Mohnian	Hunter		
24844	Orange	Yorba Linda	9313		Sonome Canyon	155-I	McKittrick quad		no paleo info	Hunter		
24845	Los Angeles	Yorba Linda	9314		Sonome Canyon	155-I	ditto		no paleo info	Hunter		
24846	San Bernardino	Prado Dam	9315		Aliso Canyon	155-I	ditto		Delmontian	Hunter		
24847	San Bernardino	Prado Dam	9316		NW of Prado Dam	155-I	ditto		Upper Miocene	Hunter		
24848	San Bernardino	Prado Dam	9317		NW of Prado Dam	155-I	ditto		no paleo info	Hunter		
24849	San Bernardino	Prado Dam	9318		Abacheril Canyon	155-I	ditto		no paleo info	Hunter		
24850	San Bernardino	Prado Dam	9319		Abacheril Canyon	155-I	ditto		no paleo info	Hunter		
24851	San Bernardino	Prado Dam	9321		Bane Canyon	155-I	ditto		no paleo info	Hunter		
24852	San Bernardino	Prado Dam	9322		Bane Canyon	155-I	ditto		not diagnostic	Hunter		
24853	Santa Barbara	Santa Barbara	9326	8	Gibraltar Rd	85-H	ditto		Eocene			
24854	Santa Barbara	Santa Barbara	9326	11	Gibraltar Rd	85-H	ditto		Eocene			
24855	San Bernardino	Prado Dam	9327		not found	155-I	ditto		no paleo info	Hunter		
24856	San Bernardino	Prado Dam	9328		Slaughter Canyon	155-I	ditto		no paleo info	Hunter		
24857	San Bernardino	Prado Dam	9331		Slaughter Canyon	155-I	ditto		no paleo info	Hunter		
24858	San Bernardino	Prado Dam	9332		Slaughter Canyon	155-I	ditto		no paleo info	Hunter		
24859	San Bernardino	Prado Dam	9333		Slaughter Canyon	155-I	ditto		no paleo info	Hunter		
24860	Los Angeles	Topanga	9334		Pacific Palisades	155-I	ditto		no paleo info	Hunter		
24861	Los Angeles	Topanga	9335		Pacific Palisades	155-I	ditto		no paleo info	Hunter		
24862	Los Angeles	Topanga	9336		Pacific Palisades	155-I	ditto		no paleo info	Hunter		
24863	San Bernardino	Yorba Linda	9337		Brea Canyon	155-I	ditto		no paleo info	Hunter		
24864	San Bernardino	Yorba Linda	9339		Puente Hills	155-I	ditto		no paleo info	Hunter		
24865	Los Angeles	San Dimas	9340		Puente Hills	155-I	ditto		no paleo info	Hunter		
24866	San Bernardino	Prado Dam	9342		SC part of quad	155-I			no paleo info	Hunter		
24867	San Bernardino	Prado Dam	9344		SC part of quad	155-I			no paleo info	Hunter		
24868	San Bernardino	Prado Dam	9345		SC part of quad	155-I			no paleo info	Hunter		
24869	San Bernardino	Prado Dam	9347		SC part of quad	155-I			no paleo info	Hunter		
24870	San Bernardino	Prado Dam	9347	A	SC part of quad	155-I			no paleo info	Hunter		
24871	San Bernardino	Prado Dam	9348		SC part of quad	155-J			no paleo info	Hunter		
24872	San Bernardino	Prado Dam	9349		SC part of quad	155-J	ditto		no paleo info	Hunter		
24873	San Bernardino	Prado Dam	9354		NW of Prado Dam	155-J	ditto		no paleo info	Hunter		
24874	San Bernardino	Prado Dam	9355		NW of Prado Dam	155-J	ditto		no paleo info	Hunter		
24875	San Bernardino	Prado Dam	9357		not found	155-J	cab Painted Rk quad		no paleo info	Hunter		
24876	Los Angeles	Topanga	9357	1	Santa Ynez Cyn	85-H			not diagnostic	Newton		
24877	Los Angeles	Topanga	9357	7	Santa Ynez Cyn	85-H			Upper Cretaceous	Newton		
24878	Los Angeles	Topanga	9358	1	Trailer Canyon	81-I		NP age	not diagnostic	Newton		
24879	Los Angeles	Topanga	9358	2	Trailer Canyon	81-I			not diagnostic	Newton		
24880	Los Angeles	Topanga	9358	3	Trailer Canyon	81-I			not diagnostic	Newton		
24881	Los Angeles	Topanga	9358	4	Trailer Canyon	81-I			not diagnostic	Newton		
24882	Los Angeles	Topanga	9358	6	Trailer Canyon	81-I			not diagnostic	Newton		
24883	Los Angeles	Topanga	9358	8	Trailer Canyon	81-I			not diagnostic	Newton		
24884	Los Angeles	Topanga	9358	9	Trailer Canyon	81-I			not diagnostic	Newton		
24885	Los Angeles	Topanga	9358	10	Trailer Canyon	81-I			not diagnostic	Newton		
24886	Los Angeles	Topanga	9358	11	Trailer Canyon	81-I			not diagnostic	Newton		
24887	Los Angeles	Topanga	9358	13	Trailer Canyon	81-I			not diagnostic	Newton		
24888	Los Angeles	Topanga	9358	15	Trailer Canyon	81-I		NP age	Upper Paleocene	Newton		
24889	Los Angeles	Topanga	9358	20	Trailer Canyon	81-I			not diagnostic	Newton		
24890	Los Angeles	Topanga	9358	22	Trailer Canyon	81-I			poss Paleocene E	Newton		
24891	Los Angeles	Topanga	9358	23	Trailer Canyon	81-I			not diagnostic	Newton		
24892	Los Angeles	Topanga	9358	25	Trailer Canyon	81-I			not diagnostic	Newton		
24893	Los Angeles	Topanga	9358	26	Trailer Canyon	81-I			not diagnostic	Newton		
24894	Los Angeles	Topanga	9358	27	Trailer Canyon	81-I			not diagnostic	Newton		
24895	Santa Barbara	San Miguel Island Wet	9359		Green Mtn area	92-H			no paleo info			
24896	Santa Barbara	San Miguel Island Wet	9360		Green Mtn area	92-H			no paleo info			
24897	Santa Barbara	San Miguel Island Wet	9361		Green Mtn area	92-H			no paleo info			
24898	Santa Barbara	San Miguel Island Wet	9362		Green Mtn area	92-H			no paleo info			
24899	Santa Barbara	San Miguel Island Wet	9363		Green Mtn area	92-H			no paleo info			
24900	Santa Barbara	San Miguel Island Wet	9365		Green Mtn area	92-H			no paleo info			
24901	Santa Barbara	San Miguel Island Wet	9366		Green Mtn area	92-H			no paleo info			
24902	Santa Barbara	San Miguel Island Wet	9367		Green Mtn area	92-H			no paleo info			
24903	Santa Barbara	San Miguel Island Wet	9368		Green Mtn area	92-H			no paleo info			
24904	Santa Barbara	San Miguel Island Wet	9369		Green Mtn area	92-H			no paleo info			
24905	Santa Barbara	San Miguel Island Wet	9370		Green Mtn area	92-H			no paleo info			
24906	Santa Barbara	San Miguel Island Wet	9371		Green Mtn area	92-H			no paleo info			

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
24907	Santa Barbara	San Miguel Island We	9372		Green Mtn area	92-H			no paleo info			
24908	Santa Barbara	San Miguel Island We	9373		Green Mtn area	92-H			no paleo info			
24909	San Luis Obispo	Panorama Hills	9373		Crocker Canyon	155-J	These localities		no paleo info	Hunter & O		
24910	San Luis Obispo	Panorama Hills	9374		Crocker Canyon	155-J	also on San Miguel		no paleo info	Hunter & O		
24911	San Luis Obispo	Panorama Hills?	9376		not found	155-J	Island		no paleo info	Hunter & O		
24912	San Luis Obispo	McKittrick Summit	9378		SE part of quad	155-J	ditto		no paleo info	Hunter & O		
24913	San Luis Obispo	Panorama Hills	9381		Crocker Canyon	155-J	ditto		no paleo info	Hunter & O		
24914	San Luis Obispo	Panorama Hills	9382		Crocker Canyon	155-J	ditto		no paleo info	Hunter & O		
24915	San Luis Obispo	Panorama Hills?	9383		Crocker Canyon?	155-J	ditto		no paleo info	Hunter & O		
24916	San Luis Obispo	Panorama Hills	9386		Crocker Canyon	155-J	ditto		no paleo info	Hunter & O		
24917	San Luis Obispo	Panorama Hills	9387		Crocker Canyon	155-J	ditto		no paleo info	Hunter & O		
24918	San Luis Obispo	Panorama Hills?	9389		not found	155-J	ditto		no paleo info	Hunter & O		
24919	San Luis Obispo	Panorama Hills?	9390		not found	155-J	ditto		no paleo info	Hunter & O		
24920	San Luis Obispo	Panorama Hills?	9391		not found	155-J	ditto		no paleo info	Hunter & O		
24921	San Luis Obispo	Panorama Hills	9392		NW part of quad	155-J	ditto		no paleo info	Hunter & O		
24922	San Luis Obispo	Panorama Hills	9393		NW part of quad	155-J	ditto		no paleo info	Hunter & O		
24923	San Luis Obispo	Panorama Hills	9394		NW part of quad	155-J	ditto		no paleo info	Hunter & O		
24924	San Luis Obispo	Panorama Hills	9395		NW part of quad	155-J	ditto		no paleo info	Hunter & O		
24925	San Luis Obispo	Panorama Hills	9396		NW part of quad	155-J	ditto		no paleo info	Hunter & O		
24926	San Luis Obispo	Panorama Hills	9397		NW part of quad	155-J	ditto		no paleo info	Hunter & O		
24927	San Luis Obispo	Panorama Hills	9398		NW part of quad	155-J	ditto		no paleo info	Hunter & O		
24928	San Luis Obispo	Panorama Hills	9399		NW part of quad	155-J	ditto		no paleo info	Hunter & O		
24929	San Luis Obispo	Holland Canyon	9400		Hughes Canyon	142-E	reworked forams & ostracods		Pliocene?	Bolen		
24930	San Luis Obispo	Holland Canyon	9401		Holland Canyon	142-E	Orchard peak 15'	reworked	Pliocene?	Bolen		
24931	Santa Barbara	Santa Barbara	9454	2	Angostura Pass	85-H			no paleo info			
24932	Santa Barbara	Santa Barbara	9454	3	Angostura Pass	85-H			no paleo info			
24933	Santa Barbara	Santa Barbara	9454	4	Angostura Pass	85-H			no paleo info			
24934	Santa Barbara	Santa Barbara	9454	5	Angostura Pass	85-H			no paleo info			
24935	Santa Barbara	Santa Barbara	9454	6	Angostura Pass	85-H			no paleo info			
24936	Santa Barbara	Santa Barbara	9454	7	Angostura Pass	85-H			no paleo info			
24937	Santa Barbara	Santa Barbara	9454	8	Angostura Pass	85-H			no paleo info			
24938	Santa Barbara	Santa Barbara	9454	9	Angostura Pass	85-H			no paleo info			
24939	Santa Barbara	Santa Barbara	9454	10	Angostura Pass	85-H			no paleo info			
24940	Kern	Ballinger Canyon	9454		Klipstein Ranch	137-B			no paleo info	Huppi		
24941	Santa Barbara	Santa Barbara	9455	1	Angostura Pass	85-H			no paleo info			
24942	Santa Barbara	Santa Barbara	9455	2	Angostura Pass	85-H		NP age	Lower Eocene?			
24943	Santa Barbara	Santa Barbara	9455	3	Angostura Pass	85-H			no paleo info			
24944	Santa Barbara	Santa Barbara	9455	4	Angostura Pass	85-H			no paleo info			
24945	Santa Barbara	Santa Barbara	9455	5	Angostura Pass	85-H			no paleo info			
24946	Santa Barbara	Santa Barbara	9455	6	Angostura Pass	85-H			no paleo info			
24947	Kern	Santiago Creek?	9456		not on map	137-B			no paleo info			
24948	Kern	Santiago Creek?	9457		not on map	137-B			no paleo info			
24949	Kern	Santiago Creek?	9458		not on map	137-B			no paleo info			
24950	Kern	Santiago Creek?	9459		not on map	137-B			no paleo info			
24951	Kern	Santiago Creek	9460		Bitter Creek	137-B			no paleo info			
24952	Kern	Santiago Creek	9464		W of Santiago Ck	137-B			no paleo info			
24953	San Mateo	Mindego Hill	9476		Cummings thesis	11-D		JC-471	Lower Saucelian	Cummings		
24954	San Mateo	Mindego Hill	9477		Cummings thesis	11-D		JC-484	not diagnostic	Cummings		
24955	San Joaquin	Solyo	9496		Hospital Creek	B-13	not on map		U Cret E zone	Huppi		
24956	Imperial	Coyote Wells	9506	2	S of Coyote Wells	85-I	Coyote Wells 15'		Pliocene	Stoeck.		
24957	Imperial	Carrizo Mountain	9508	4	Coyote Mtns	85-I	has NP list	Imperial Fm	Miocene	Stoeck.		
24958	Imperial	Carrizo Mountain	9508	5	Coyote Mtns	85-I	has NP list	Palm Sprs Fm	Pliocene	Stoeck.		
24959	Kern	McKittrick Summit	9510		E of San Diego Ck	155-J			no paleo info	Hunter & O		
24960	San Luis Obispo	McKittrick Summit	9511		E of San Diego Ck	155-J			no paleo info	Hunter & O		
24961	San Luis Obispo	McKittrick Summit	9512		E of San Diego Ck	155-J			no paleo info	Hunter & O		
24962	San Luis Obispo	McKittrick Summit	9513		E of San Diego Ck	155-J			no paleo info	Hunter & O		
24963	Kern	McKittrick Summit	9514		SW of McKitt. Sum	155-J			no paleo info	Hunter & O		
24964	Kern	McKittrick Summit	9515		not found	155-J			no paleo info	Hunter & O		
24965	Kern	McKittrick Summit	9516		SW of McKitt. Sum	155-J			no paleo info	Hunter & O		
24966	Kern	McKittrick Summit	9517		SW of McKitt. Sum	155-J			no paleo info	Hunter & O		
24967	San Luis Obispo	McKittrick Summit	9518		E of San Diego Ck	155-J			no paleo info	Hunter & O		
24968	San Luis Obispo	McKittrick Summit	9519		E of San Diego Ck	155-J			no paleo info	Hunter & O		
24969	San Luis Obispo	McKittrick Summit	9520		SE corner of quad	155-J			no paleo info	Hunter & O		
24970	San Luis Obispo	McKittrick Summit	9521		SE corner quad	155-J			no paleo info	Hunter & O		
24971	San Diego	Borrego Mountain SE	9521	10	Split Mtn Gorge	85-I			Miocene			
24972	San Diego	Borrego Mountain SE	9521	11	Split Mtn Gorge	85-I			Miocene			
24973	San Diego	Borrego Mountain SE	9521	17	Split Mtn Gorge	85-I			Miocene			
24974	San Diego	Borrego Mountain SE	9521	20	Split Mtn Gorge	85-I			Miocene			
24975	San Diego	Arroyo Tapaido	9521	23	Fish Creek Wash	85-I	Carrizo Mtn 15'		Miocene			
24976	San Diego	Arroyo Tapaido	9521	24	Fish Creek Wash	85-I	Carrizo Mtn 15'		Miocene			
24977	San Diego	Arroyo Tapaido	9521	26	Fish Creek Wash	85-I	Carrizo Mtn 15'		Miocene			
24978	San Diego	Arroyo Tapaido	9521	29	Fish Creek Wash	85-I	Carrizo Mtn 15'		Miocene			
24979	San Luis Obispo	McKittrick Summit	9522		SE corner of quad	155-J	sa Domingine Rnch		no paleo info	Hunter & O		
24980	San Luis Obispo	McKittrick Summit	9523		SE corner of quad	155-J	sa Domingine Rnch		no paleo info	Hunter & O		
24981	San Luis Obispo	McKittrick Summit	9525		SE corner of quad	155-J	sa Domingine Rnch		no paleo info	Hunter & O		
24982	Santa Barbara	Lompoc Hills	9529	85	NC part of quad	86-I	#1-75 on map		Upper Mohnian			
24983	Santa Barbara	Lompoc Hills	9529	86	NC part of quad	86-I	Lmpc Hills quarry		Upper Mohnian			
24984	Santa Barbara	Lompoc Hills	9529	88	NC part of quad	86-I			Upper Mohnian			
24985	Santa Barbara	Lompoc Hills	9529	89	NC part of quad	86-I			Middle Mohnian			
24986	Santa Barbara	Lompoc Hills	9529	90	NC part of quad	86-I			Middle Mohnian			
24987	Santa Barbara	Lompoc Hills	9529	107	NC part of quad	86-I			Middle Mohnian			
24988	Santa Barbara	Lompoc Hills	9529	108	NC part of quad	86-I			Middle Mohnian			
24989	Santa Barbara	Lompoc Hills	9529	109	NC part of quad	86-I			Middle Mohnian			
24990	Santa Barbara	Lompoc Hills	9529	110	NC part of quad	86-I			Middle Mohnian			
24991	Santa Barbara	Lompoc Hills	9529	111	NC part of quad	86-I			Middle Mohnian			

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
24992	Santa Barbara	Lompoc Hills	9529	112	NC part of quad	86-I				Middle Mohnian		
24993	Santa Barbara	Lompoc Hills	9529	113	NC part of quad	86-I				Middle Mohnian		
24994	Santa Barbara	Lompoc Hills	9529	114	NC part of quad	86-I				Middle Mohnian		
24995	Santa Barbara	Lompoc Hills	9529	115	NC part of quad	86-I				Middle Mohnian		
24996	Santa Barbara	Lompoc Hills	9529	116	NC part of quad	86-I				Middle Mohnian		
24997	San Luis Obispo	Painted Rock	9530		NE part quad	155-K	Caliente Mtn 15'	age from map		L Mohnian	Hunter & O	
24998	San Luis Obispo	Painted Rock	9531		NE part quad	155-K	Caliente Mtn 15'	age from map		L Mohnian	Hunter & O	
24999	San Luis Obispo	Reward	9532		SE corner quad	155-K				no paleo info	Hunter & O	
25000	San Luis Obispo	Reward	9533		SE corner quad	155-K				no paleo info	Hunter & O	
25001	San Luis Obispo	Reward	9534		SE corner quad	155-K				no paleo info	Hunter & O	
25002	San Luis Obispo	Reward	9535		SE corner quad	155-K	abundant glauconite			no paleo info	Hunter & O	
25003	Imperial	Carrizo Mountains NE	9535	3	Red Rock Canyon	85-I	Carrizo Mtns 15'			Miocene	Crowder	
25004	San Luis Obispo	Reward	9537		SE corner quad	155-K				no paleo info	Hunter & O	
25005	Los Angeles	Yorba Linda	9572	13	Tonner Canyon	85-K	not on map	strat section		Upper Mohnian		
25006	Los Angeles	Yorba Linda	9572	14	Tonner Canyon	85-K	not on map			Upper Mohnian		
25007	Los Angeles	Yorba Linda	9572	15	Tonner Canyon	85-K	not on map			Upper Mohnian		
25008	Los Angeles	Yorba Linda	9572	16	Tonner Canyon	85-K	not on map			Upper Mohnian		
25009	Los Angeles	Yorba Linda	9572	17	Tonner Canyon	85-K	not on map			Upper Mohnian		
25010	Los Angeles	Yorba Linda	9572	18	Tonner Canyon	85-K	not on map			Upper Mohnian		
25011	Los Angeles	Yorba Linda	9572	18A	Tonner Canyon	85-K	not on map			Upper Mohnian		
25012	Los Angeles	Yorba Linda	9572	18B	Tonner Canyon	85-K	not on map			Upper Mohnian		
25013	Los Angeles	Yorba Linda	9572	18C	Tonner Canyon	85-K	not on map			Upper Mohnian		
25014	Los Angeles	Yorba Linda	9572	19	Tonner Canyon	85-K	not on map			Upper Mohnian		
25015	Los Angeles	Yorba Linda	9572	20	Tonner Canyon	85-K	not on map			Upper Mohnian		
25016	Los Angeles	Yorba Linda	9572	21	Tonner Canyon	85-K	not on map			Upper Mohnian		
25017	Los Angeles	Yorba Linda	9572	22	Tonner Canyon	85-K	not on map			Upper Mohnian		
25018	Los Angeles	Yorba Linda	9572	23	Tonner Canyon	85-K	not on map			Upper Mohnian		
25019	Kern	Santiago Creek	9601		Strat column and	70-F	Peculiar fauna with mostly new			Eocene?	Hornaday	
25020	Kern	Santiago Creek	9602		slides say Mt Abel	70-F	forms. Closest faunal similarity			Eocene?	Hornaday	
25021	Kern	Santiago Creek	9603		in Santiago Creek	70-F	is Cape Blanco Eocene, Oregon.			Eocene?	Hornaday	
25022	Kern	Santiago Creek	9604		quad, but not on	70-F	Mapped near Mt Abel as Miocene			Eocene?	Hornaday	
25023	Kern	Santiago Creek	9606		map. One slide	70-F	Also has many ostracods. Picked			Eocene?	Hornaday	
25024	Kern	Santiago Creek	9607		indicates Cuyama	70-F	slides.			Eocene?	Hornaday	
25025	Kern	Santiago Creek	9609		area.	70-F				Eocene?	Hornaday	
25026	Kern	McKittrick Summit	9617		Temblor Ranch	157-B	picked slide			M. Miocene		
25027	Kern	Carneros Rocks	9629		Chico Martinez Ck	157-B	not on map			L Saucian	Hornaday	
25028	Kern	Santiago Creek	9635	1	Santiago Ck	34-F	not on map			no paleo info	RAO & THR	
25029	Kern	Santiago Creek	9635	2	Santiago Ck	34-F	not on map			no paleo info	RAO & THR	
25030	San Luis Obispo	Atascadero	9995		Graves Ck section	86-L	S Luis Obispo 15'	picked species		no paleo info		
25031	San Luis Obispo	Atascadero	9996	1	Graves Ck section	86-L	S Luis Obispo 15'	picked species		Upper Saucian		
25032	San Luis Obispo	Atascadero	9996	2	Graves Ck section	86-L	S Luis Obispo 15'	picked species		Upper Saucian		
25033	San Luis Obispo	Atascadero	9996	3	Graves Ck section	86-L	S Luis Obispo 15'	picked species		Upper Saucian		
25034	San Luis Obispo	Atascadero	9996	4	Graves Ck section	86-L	S Luis Obispo 15'	picked species		Upper Saucian		
25035	San Luis Obispo	Atascadero	9996	5	Graves Ck section	86-L	S Luis Obispo 15'	picked species		Upper Saucian		
25036	San Luis Obispo	Atascadero	9996	6	Graves Ck section	86-L	S Luis Obispo 15'	picked species		Upper Saucian		
25037	San Luis Obispo	Atascadero	9996	6A	Graves Ck section	86-L	S Luis Obispo 15'	picked species		Upper Saucian		
25038	San Luis Obispo	Atascadero	9996	7	Graves Ck section	86-L	S Luis Obispo 15'	picked species		Upper Saucian		
25039	San Luis Obispo	Atascadero	9996	7A	Graves Ck section	86-L	S Luis Obispo 15'	picked species		Upper Saucian		
25040	San Luis Obispo	Atascadero	9996	8	Graves Ck section	86-L	S Luis Obispo 15'	picked species		Upper Saucian		
25041	San Luis Obispo	Atascadero	9996	8A	Graves Ck section	86-L	S Luis Obispo 15'	picked species		Upper Saucian		
25042	San Luis Obispo	Atascadero	9996	9	Graves Ck section	86-L	S Luis Obispo 15'	picked species		Lower Relizian		
25043	San Luis Obispo	Atascadero	9996	10	Graves Ck section	86-L	S Luis Obispo 15'	picked species		Lower Relizian		
25044	San Luis Obispo	Atascadero	9996	11	Graves Ck section	86-L	S Luis Obispo 15'	picked species		Lower Relizian		
25045	San Luis Obispo	Atascadero	9996	12	Graves Ck section	86-L	S Luis Obispo 15'	picked species		Lower Relizian		
25046	San Luis Obispo	Atascadero	9996	13	Graves Ck section	86-L	S Luis Obispo 15'	picked species		Upper Relizian		
25047	Monterey	Bryson	9997	A	Copperhead Creek	86-L				no paleo info		
25048	Monterey	Bryson	9999	10	Copperhead Creek	86-L				Luisian		
25049	Monterey	Bryson	9999	11	Copperhead Creek	86-L				Luisian		
25050	Monterey	Bryson	9999	12	Copperhead Creek	86-L				Luisian		
25051	Monterey	Bryson	9999	13	Copperhead Creek	86-L				Luisian		
25052	Los Angeles	San Dimas	10014		center of quad	86-I				no paleo info		
25053	Los Angeles	San Dimas	10015		center of quad	86-I				no paleo info		
25054	Los Angeles	San Dimas	10017		center of quad	86-I				no paleo info		
25055	Los Angeles	San Dimas	10018		center of quad	86-I				no paleo info		
25056	Los Angeles	San Dimas	10022		center of quad	86-I	not on map			no paleo info		
25057	Riverside	Cabazon	10025	1	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm		Miocene		
25058	Riverside	Cabazon	10025	1A	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm		Miocene		
25059	Riverside	Cabazon	10025	2	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm		Miocene		
25060	Riverside	Cabazon	10025	3	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm		Miocene		
25061	Riverside	Cabazon	10025	4	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm		Miocene		
25062	Riverside	Cabazon	10025	5	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm		Miocene		
25063	Riverside	Cabazon	10025	5A	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm		Miocene		
25064	Riverside	White Water	10026	1	Painted Hill	22-D	Palm Springs 15'	Imperial Fm		Miocene		
25065	Riverside	White Water	10026	3	Painted Hill	22-D	Palm Springs 15'	Imperial Fm		Miocene		
25066	Riverside	White Water	10026	5	Painted Hill	22-D	Palm Springs 15'	Imperial Fm		Miocene		
25067	Riverside	White Water	10026	6	Painted Hill	22-D	Palm Springs 15'	Imperial Fm		Miocene		
25068	Riverside	White Water	10026	7	Painted Hill	22-D	Palm Springs 15'	Imperial Fm		Miocene		
25069	Riverside	White Water	10026	9	Painted Hill	22-D	Palm Springs 15'	Imperial Fm		Miocene		
25070	Riverside	White Water	10026	10	Painted Hill	22-D	Palm Springs 15'	Imperial Fm		Miocene		
25071	Riverside	White Water	10026	11	Painted Hill	22-D	Palm Springs 15'	Imperial Fm		Miocene		
25072	Riverside	White Water	10026	12	Painted Hill	22-D	Palm Springs 15'	Imperial Fm		Miocene		
25073	Riverside	Desert Hot Springs	10027	4	E of Garnet Station	22-D	Palm Springs 15'	Imperial Fm		Miocene		
25074	San Diego	Rabbit Peak	10028	1	SE part of quad	22-D	Rabbit Peak 15'	Imperial Fm		Miocene		
25075	San Diego	Rabbit Peak	10028	5	SE part of quad	22-D	Rabbit Peak 15'	Imperial Fm		Miocene		
25076	San Diego	Rabbit Peak	10028	6	SE part of quad	22-D	Rabbit Peak 15'	Imperial Fm		Miocene		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
25077	San Diego	Oasis	10029		SW part of quad	22-D	Rabbit Peak 15'	Imperial Fm	Miocene			
25078	Los Angeles	San Dimas	10051		center of quad	86-J			no paleo info			
25079	Los Angeles	San Dimas	10057		center of quad	86-J		siliceous flora	Mohanian or older			
25080	Riverside	Fonts Point	10125	1	NE corner of quad	87-A	Rabbit Peak 15'	prob Imperial	Miocene			
25081	Riverside	Fonts Point	10125	2	NE corner of quad	87-A	Rabbit Peak 15'	prob Imperial	Miocene			
25082	Riverside	Fonts Point	10125	4	NE corner of quad	87-A	Rabbit Peak 15'	prob Imperial	Miocene			
25083	Riverside	Fonts Point	10125	5	NE corner of quad	87-A	Rabbit Peak 15'	prob Imperial	Miocene			
25084	Riverside	Fonts Point	10126		NE corner of quad	87-A	Rabbit Peak 15'		no paleo info			
25085	San Diego	Seventeen Palms	10128	1	NW part of quad	87-B	Rabbit Peak 15'	prob Imperial	Miocene			
25086	San Diego	Seventeen Palms	10128	2	NW part of quad	87-B	Rabbit Peak 15'	prob Imperial	Miocene			
25087	San Diego	Oasis	10132	1	SW part of quad	87-B	Rabbit Peak 15'	prob Imperial	Miocene			
25088	San Diego	Oasis	10132	2	SW part of quad	87-B	Rabbit Peak 15'	prob Imperial	Miocene			
25089	San Diego	Oasis	10132	3	SW part of quad	87-B	Rabbit Peak 15'	prob Imperial	Miocene			
25090	San Diego	Rabbit Peak	10133	1	SE part of quad	87-B	Rabbit Peak 15'		no paleo info			
25091	San Diego	Rabbit Peak	10133	2	SE part of quad	87-B	Rabbit Peak 15'		no paleo info			
25092	Siskyou	Hornbrook	10361	1	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
25093	Siskyou	Hornbrook	10361	2	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
25094	Siskyou	Hornbrook	10361	3	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
25095	Siskyou	Hornbrook	10361	4	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
25096	Siskyou	Hornbrook	10361	5	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
25097	Siskyou	Hornbrook	10361	6	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
25098	Siskyou	Hornbrook	10361	7	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
25099	Siskyou	Hornbrook	10362	1	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
25100	Siskyou	Hornbrook	10362	2	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
25101	Siskyou	Hornbrook	10362	3	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
25102	Siskyou	Hornbrook	10362	4	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
25103	Siskyou	Hornbrook	10362	5	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
25104	Siskyou	Hornbrook	10362	6	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
25105	Siskyou	Hornbrook	10362	7	Hilt area	113-F	Hornbrook 15'	not on map	no paleo info	Barr auger		
25106	Siskyou	Hornbrook	10362	8	Hilt area	113-F	Hornbrook 15'	not on map	no paleo info	Barr auger		
25107	Shasta	Shingletown	10363	2	NW part of quad	113-F	no map provided	3/30N/1W	no paleo info	Barr auger		
25108	Shasta	Shingletown	10363	3	NW part of quad	113-F	no map provided	3/30N/1W	no paleo info	Barr auger		
25109	Shasta	Olinda	10364	2	Redding Bar area	113-F	not on map	36/31N/6W	no paleo info	Barr auger		
25110	Glenn	Sehorn Creek	10365	1	Burriss Creek	113-F	Flournoy 15'	3/22N/5W	L Cret J zone	Barr auger		
25111	Glenn	Sehorn Creek	10365	2AB	Burriss Creek	113-F	Flournoy 15'	3/22N/5W	L Cret J zone	Barr auger		
25112	Glenn	Sehorn Creek	10365	3	Burriss Creek	113-F	Flournoy 15'	3/22N/5W	L Cret J zone	Barr auger		
25113	Glenn	Sehorn Creek?	10367	1	not on map	113-F	Flournoy 15'		L Cret J zone	Barr auger		
25114	Glenn	Sehorn Creek?	10367	2	not on map	113-F	Flournoy 15'		L Cret J zone	Barr auger		
25115	Glenn	Stone Valley	10368	1AB	Hoodoo Hills	113-F	Fruto 15'	4-5/19N/4W	not diagnostic	Barr auger		
25116	Glenn	Stone Valley	10368	2	Hoodoo Hills	113-F	Fruto 15'	4-5/19N/4W	not diagnostic	Barr auger		
25117	Glenn	Logan Ridge	10369	1	NE part of quad	113-F	Lodoga 15'	27/19N/4W	not diagnostic	Barr auger		
25118	Glenn	Logan Ridge	10369	2	NE part of quad	113-F	Lodoga 15'	27/19N/4W	U Cret F/G zone	Barr auger		
25119	Glenn	Logan Ridge	10369	3	NE part of quad	113-F	Lodoga 15'	27/19N/4W	U Cret F/G zone	Barr auger		
25120	Colusa	Manor Slough	10370	1	NE part of quad	113-F	Wilbur Springs 15'	23/16N/4W	Upper Cretaceous	Barr auger		
25121	Kern	Elkhorn Hills	10375	1	NE part of quad	139-I		age from lab	Eocene C zone	Barr auger		
25122	Santa Barbara	Tranquillon Mountain	11000		NC part of quad	79-H	flood planktics	Anita shale	Eocene	Hoheisel		
25123	Kings	Kettleman Plain	11001	S230	Lovel Canyon	146-C		picked slide	U Cret E zone	Tamesis		
25124	Santa Barbara	Lompoc Hills	11001	A	Jaro Creek	79-H			Eocene	Moberly & H		
25125	Santa Barbara	Lompoc Hills	11001	B	Jaro Creek	79-H			Eocene	Moberly & H		
25126	Santa Barbara	Lompoc Hills	11002		EC part of quad	79-H			Eocene	Moberly & H		
25127	Santa Barbara	Santa Rosa Hills	11003		EC part of quad	79-H			Eocene	Moberly & H		
25128	Kings	Kettleman Plain	11003		Lovel Canyon	146-C		picked slide	U Cret C zone	Tamesis		
25129	Kings	Kettleman Plain	11004		Lovel Canyon	146-C		picked slide	U Cret C zone	Tamesis		
25130	Santa Barbara	Los Alamos	11004		SW corner of quad	79-H		Lompoc 15'	Luisian	Hoheisel		
25131	Kings	Tent Hills	11005		Lovel Canyon	146-C		picked slide	U Cret G-1 zone	Tamesis		
25132	Santa Barbara	Santa Rosa Hills	11005		NW part of quad	79-H		area N	Upper Miocene	Hoheisel		
25133	Santa Barbara	Santa Ynez	11006		Santa Ynez River	164-N		area N	prob U Mohnian	Hoheisel		
25134	Santa Barbara	Santa Ynez	11007	A	Santa Ynez River	164-N			not diagnostic	Hoheisel		
25135	Santa Barbara	Santa Ynez	11007	B	Santa Ynez River	164-N			not diagnostic	Hoheisel		
25136	Kern	Carneros Rocks	11008	5	Zemorra Creek	249-B			no paleo info	RBV-WE		
25137	Kern	Carneros Rocks	11009	1	Chico Martinez Ck	249-B	not on map CMck		no paleo info	RBV-WE		
25138	Kern	Carneros Rocks	11009	2	Chico Martinez Ck	249-B	not on map CMck		no paleo info	RBV-WE		
25139	Kern	Carneros Rocks	11009	3	Chico Martinez Ck	249-B	not on map CMck		no paleo info	RBV-WE		
25140	Kern	Carneros Rocks	11009	4	Chico Martinez Ck	249-B	not on map CMck		no paleo info	RBV-WE		
25141	Kern	Carneros Rocks	11009	5	Chico Martinez Ck	249-B	not on map CMck		no paleo info	RBV-WE		
25142	Kern	Carneros Rocks	11009	6	Chico Martinez Ck	249-B	not on map CMck		no paleo info	RBV-WE		
25143	Kern	Carneros Rocks	11009	7	Chico Martinez Ck	249-B	not on map CMck		no paleo info	RBV-WE		
25144	San Luis Obispo	Tar Springs Ridge	11009		SW part of quad	79-H	Nipomo 15'	area N	Relizian	Kraetsch		
25145	San Luis Obispo	Tar Springs Ridge	11010		SW part of quad	79-H	Nipomo 15'	area N	barren	Kraetsch		
25146	San Luis Obispo	Tar Springs Ridge	11011		SW part of quad	79-H	Nipomo 15'	area N	Luisian	Kraetsch		
25147	Kern	Carneros Rocks	11011	2	Chico Martinez C	249-B	not on map		no paleo info	RBV-WE		
25148	Kern	Carneros Rocks	11012	1	Chico Martinez C	249-B	not on map		no paleo info	RBV-WE		
25149	Kern	Carneros Rocks	11012	2	Chico Martinez C	249-B			no paleo info	RBV-WE		
25150	Kern	Carneros Rocks	11012	3	Chico Martinez C	249-B			no paleo info	RBV-WE		
25151	Kern	Carneros Rocks	11012	4	Chico Martinez C	249-B			no paleo info	RBV-WE		
25152	San Luis Obispo	Tar Springs Ridge	11012		SW part of quad	79-H	Nipomo 15'		Lower Miocene	Kraetsch		
25153	Kern	Carneros Rocks	11013		Carneros Canyon	249-B			no paleo info	RBV-WE		
25154	Kern	Carneros Rocks	11014		Carneros Canyon	249-B			no paleo info	RBV-WE		
25155	San Luis Obispo	Tar Springs Ridge	11014		SW part of quad	79-H	Nipomo 15'		Middle Miocene	Kraetsch		
25156	San Luis Obispo	Tar Springs Ridge	11015		Carneros Canyon	249-B	not on map CMck		no paleo info	RBV-WE		
25157	Kern	Carneros Rocks	11016		Carneros Canyon	249-B			no paleo info	RBV-WJE		
25158	San Luis Obispo	Arroyo Grande NE	11016		Round Top area	79-H	Arroyo Grande 15'	Obispo tuff	prob Relizian	Kraetsch		
25159	San Luis Obispo	Arroyo Grande NE	11017		Round Top area	79-H	Arroyo Grande 15'		barren	Kraetsch		
25160	Kern	Carneros Rocks	11017	1	Caneros canyon	249-B			no paleo info	RBV-WJE		
25161	Kern	Carneros Rocks	11017	2	Caneros canyon	249-B			no paleo info	RBV-WJE		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
25162	Kern	Careros Rocks	11017	3	Caneros canyon	249-B			no paleo info	RBV-WJE		
25163	Kern	Careros Rocks	11017	4	Caneros canyon	249-B			no paleo info	RBV-WJE		
25164	Kern	Careros Rocks	11017	5	Caneros canyon	249-B			no paleo info	RBV-WJE		
25165	Kern	Careros Rocks	11018	1	Zemorra Ck	249-B			no paleo info	RBV-WJE		
25166	Kern	Careros Rocks	11018	2	Zemorra Ck	249-B			no paleo info	RBV-WJE		
25167	San Luis Obispo	Arroyo Grande NE	11019		Round Top area	79-H	Arroyo Grande 15'		Lower Miocene	Kraetsch		
25168	San Luis Obispo	Arroyo Grande NE	11019	RW	Round Top area	79-H	Arroyo Grande 15'		Lower Miocene	Kraetsch		
25169	Kern	Careros Rocks	11019		Caneros Ck	249-B			no paleo info	RBV-WJE		
25170	Kern	Careros Rocks	11020	1	Caneros Ck	249-B			no paleo info	RBV-WJE		
25171	Kern	Careros Rocks	11020	2	Caneros Ck	249-B			no paleo info	RBV-WJE		
25172	San Luis Obispo	Arroyo Grande NE	11020		Round Top area	79-H	Arroyo Grande 15'		Relizian	Kraetsch		
25173	San Luis Obispo	Arroyo Grande NE	11021		Round Top area	79-H	Arroyo Grande 15'		poss L Miocene	Kraetsch		
25174	Kern	Careros Rocks	11021		Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
25175	Kern	Careros Rocks	11022		Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
25176	San Luis Obispo	Arroyo Grande NE	11022		Round Top area	79-H	Arroyo Grande 15'		Relizian	Kraetsch		
25177	San Luis Obispo	Arroyo Grande NE	11023		Round Top area	79-H	Arroyo Grande 15'	abun planktics	not diagnostic	Kraetsch		
25178	Kern	Careros Rocks	11023	1	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
25179	Kern	Careros Rocks	11023	2	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
25180	Kern	Careros Rocks	11023	3	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
25181	Kern	Careros Rocks	11023	4	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
25182	Kern	Careros Rocks	11023	5	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
25183	Kern	Careros Rocks	11024	1	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
25184	Kern	Careros Rocks	11024	2	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
25185	Kern	Careros Rocks	11024	3	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
25186	Kern	Careros Rocks	11024	4	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
25187	San Luis Obispo	Lopez Mountain	11024		NE of Lopez Mtn	79-H	S Luis Obispo 15'		not diagnostic	Kraetsch		
25188	Kern	Careros Rocks	11025	1	Caneros anticline	249-C	not on map		no paleo info			
25189	Kern	Careros Rocks	11025	2	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
25190	Kern	Careros Rocks	11025	3	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
25191	Kern	Careros Rocks	11025	4	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
25192	Kern	Careros Rocks	11025	5	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
25193	San Luis Obispo	Lopez Mountain	11025		NE of Lopez Mtn	79-H	S Luis Obispo 15'		not diagnostic	Kraetsch		
25194	San Luis Obispo	Lopez Mountain	11026	2	NE of Lopez Mtn	79-H	S Luis Obispo 15'		Luisian	Kraetsch		
25195	San Luis Obispo	Lopez Mountain	11026	3	NE of Lopez Mtn	79-H	S Luis Obispo 15'		Luisian	Kraetsch		
25196	Kern	Careros Rocks	11026	1	SE part of quad	249-C			no paleo info	RBV-WJE		
25197	Kern	Careros Rocks	11026	2	SE part of quad	249-C			no paleo info	RBV-WJE		
25198	Kern	Careros Rocks	11026	3	SE part of quad	249-C			no paleo info	RBV-WJE		
25199	Kern	Careros Rocks	11026	4	SE part of quad	249-C			no paleo info	RBV-WJE		
25200	Kern	Careros Rocks	11026	5	SE part of quad	249-C			no paleo info	RBV-WJE		
25201	Kern	Careros Rocks	11027	1	SE part of quad	249-C			no paleo info	RBV-WJE		
25202	Kern	Careros Rocks	11027	2	SE part of quad	249-C			no paleo info	RBV-WJE		
25203	Kern	Careros Rocks	11027	3	SE part of quad	249-C			no paleo info	RBV-WJE		
25204	Kern	Careros Rocks	11027	4	SE part of quad	249-C			no paleo info	RBV-WJE		
25205	Kern	Careros Rocks	11027	5	SE part of quad	249-C			no paleo info	RBV-WJE		
25206	Kern	Careros Rocks	11027	6	SE part of quad	249-C			no paleo info	RBV-WJE		
25207	Kern	Careros Rocks	11027	7	SE part of quad	249-C			no paleo info	RBV-WJE		
25208	Kern	Careros Rocks	11027	8	SE part of quad	249-C			no paleo info	RBV-WJE		
25209	Kern	Careros Rocks	11027	9	SE part of quad	249-C			no paleo info	RBV-WJE		
25210	Kern	Careros Rocks	11027	10	SE part of quad	249-C			no paleo info	RBV-WJE		
25211	San Luis Obispo	Lopez Mountain	11027		NE of Lopez Mtn	79-H	S Luis Obispo 15'		Relizian	Kraetsch		
25212	San Luis Obispo	Lopez Mountain	11028		NE of Lopez Mtn	79-H	S Luis Obispo 15'		Middle Miocene	Kraetsch		
25213	Kern	Careros Rocks	11028	1	SE part of quad	249-C	not on map		no paleo info	RBV-WJE		
25214	Kern	Careros Rocks	11029	1	Temblor Valley	249-C	not on map		no paleo info	RBV-WJE		
25215	San Luis Obispo	Lopez Mountain	11029		NE corner of quad	79-H	S Luis Obispo 15'		barren	Kraetsch		
25216	San Luis Obispo	Lopez Mountain	11030		N of Black Butte	79-H	S Luis Obispo 15'		Relizian	Kraetsch		
25217	Kern	Careros Rocks	11030	1	NR part of quad?	249-C	not on map		no paleo info	RBV-WJE		
25218	Kern	Careros Rocks	11030	2	NR part of quad?	249-C	not on map		no paleo info	RBV-WJE		
25219	Kern	Careros Rocks	11030	3	NR part of quad?	249-C	not on map		no paleo info	RBV-WJE		
25220	Kern	Careros Rocks	11030	4	NR part of quad?	249-C	not on map		no paleo info	RBV-WJE		
25221	Kern	Careros Rocks	11030	5	NR part of quad?	249-C	not on map		no paleo info	RBV-WJE		
25222	Kern	Careros Rocks	11030	6	NR part of quad?	249-C	not on map		no paleo info	RBV-WJE		
25223	Kern	Careros Rocks	11030	7	NR part of quad?	249-C	not on map		no paleo info	RBV-WJE		
25224	Kern	Careros Rocks	11031	1	Santos Creek	249-C			no paleo info	RBV-WJE		
25225	San Luis Obispo	Lopez Mountain	11031		N of Black Butte	79-H	S Luis Obispo 15'		prob Luisian	Kraetsch		
25226	San Luis Obispo	Lopez Mountain	11032		NE part of quad	79-H	S Luis Obispo 15'		Saucesian/Relizian	Kraetsch		
25227	Kern	Careros Rocks	11032	1	Santos Creek	249-C			no paleo info	RBV-WJE		
25228	Kern	Careros Rocks	11033	1	NE part of quad	249-C			no paleo info	RBV-WJE		
25229	San Luis Obispo	San Luis Obispo	11033		NE part of quad	79-H	S Luis Obispo 15'		Miocene	Kraetsch		
25230	Santa Barbara	Tar Springs Ridge	11034		WC part of quad	79-H	Nipomo 15'		not diagnostic	Kraetsch		
25231	San Luis Obispo	Santa Margarita Lake	11035		SW corner of quad	79-H	S Luis Obispo 15'		Relizian	Kraetsch		
25232	San Luis Obispo	Santa Margarita Lake	11036		SW corner of quad	79-H	S Luis Obispo 15'		prob Saucian	Kraetsch		
25233	Santa Barbara	Santa Margarita Lake	11037		SW corner of quad	79-H	S Luis Obispo 15'		Saucesian/Relizian	Kraetsch		
25234	San Luis Obispo	Arroyo Grande NE	11038		Ar Grande Creek	79-H			barren	Kraetsch		
25235	Santa Barbara	Zaca Lake	11039		Lookout Mountain	79-H	Tepusquet Pk 15'		not diagnostic	Kraetsch		
25236	Kern	Careros Rocks	11039	1	Careros Canyon	249-C			no paleo info	RBV-WJE		
25237	Kern	Careros Rocks	11039	2	Careros Canyon	249-C			no paleo info	RBV-WJE		
25238	Kern	Careros Rocks?	11040	1	Media Agua Creek	249-C	not on map but	name on slide	no paleo info	RBV-WJE		
25239	Kern	Careros Rocks?	11040	2	Media Agua Creek	249-C	not on map but	name on slide	no paleo info	RBV-WJE		
25240	Kern	Careros Rocks?	11040	3	Media Agua Creek	249-D	not on map but	name on slide	no paleo info	RBV-WJE		
25241	Kern	Careros Rocks?	11040	4	Media Agua Creek	249-D	not on map but	name on slide	no paleo info	RBV-WJE		
25242	Santa Barbara	Zaca Lake	11040		Lookout Mountain	79-H	Tepusquet Pk 15'		not diagnostic	Kraetsch		
25243	Kern	Las Yeguas Ranch	11041	1	NE part of quad	249-D			no paleo info	RBV-WJE		
25244	Santa Barbara	Zaca Lake	11041		Lookout Mountain	79-H	Tepusquet Pk 15'		Saucesian	RBV-WJE		
25245	San Luis Obispo	Las Yeguas Ranch	11042	1	Cottonwood Spr	249-D	confirmed location		no paleo info	RBV-WJE		
25246	San Luis Obispo	Las Yeguas Ranch	11042	2	Cottonwood Spr	249-D			no paleo info	RBV-WJE		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
25247	Santa Barbara	Figueroa Mountain	11042		Redrock Mine	79-H			Relizian	Kraetsch		
25248	Santa Barbara	Figueroa Mountain	11043		Redrock Mine	79-H			not diagnostic	Kraetsch		
25249	San Luis Obispo	Las Yeguas Ranch	11044	1	Cottonwood Spr	249-D			no paleo info	RBV-WJE		
25250	Santa Barbara	Figueroa Mountain	11044		Ranger Peak	79-H			prob Luisian	Kraetsch		
25251	Santa Barbara	Lopez Mountain	11045		SW part of quad	79-I			prob Saucesian	Kraetsch		
25252	San Luis Obispo	Las Yeguas Ranch	11045	1	Carneros Canyon	249-D			no paleo info	RBV-WJE		
25253	San Luis Obispo	Las Yeguas Ranch	11045	1	Carneros Canyon	119-H		auger	no paleo info	WJE		
25254	Santa Barbara	Lopez Mountain?	11046		not on map	79-I			Saucesian	Kraetsch		
25255	San Luis Obispo	Las Yeguas Ranch	11046	1	Carneros Canyon	249-D			no paleo info	RBV-WJE		
25256	San Luis Obispo	Las Yeguas Ranch	11046	2	Carneros Canyon	249-D			no paleo info	RBV-WJE		
25257	San Luis Obispo	Las Yeguas Ranch	11046	3	Carneros Canyon	249-D			no paleo info	RBV-WJE		
25258	San Luis Obispo	Las Yeguas Ranch	11046	1RW	Temblor Range	119-H			no paleo info	Elliott		
25259	Santa Barbara	Lopez Mountain	11047		SW part of quad	79-I			Miocene			
25260	San Luis Obispo	Las Yeguas Ranch	11047	1	Carneros Canyon	249-D			no paleo info	RBV-WJE		
25261	San Luis Obispo	Las Yeguas Ranch	11047	RW	Temblor	119-H			no paleo info	Elliott		
25262	San Luis Obispo	Las Yeguas Ranch	11048	1	McClain Spring	249-D			no paleo info	RBV-WJE		
25263	San Luis Obispo	Las Yeguas Ranch	11048	2	McClain Spring	249-D			no paleo info	RBV-WJE		
25264	San Luis Obispo	San Luis Obispo	11048		S of Cuesta Pass	79-I			Lower Miocene	Kraetsch		
25265	Santa Barbara	Tranquillon Mountain	11049		N of Honda Creek	79-I	Honda fault		Middle Miocene	Kraetsch		
25266	San Luis Obispo	Las Yeguas Ranch	11049	1	Walnut Creek	249-D	confirmed location	(confusion with	no paleo info	RBV-WJE		
25267	Kern	Las Yeguas Ranch	11050	1	Walnut Creek	249-D	S Barbara # 79-I)		no paleo info	RBV-WJE		
25268	Santa Barbara	Tranquillon Mountain	11050		Miguelito Road	79-I			U Eocene A zone	Kraetsch		
25269	Santa Barbara	Tranquillon Mountain	11050	RS	Miguelito Road	79-I	also has # 11367		U Eocene A zone	Kraetsch		
25270	not found		11051		S Cruz Mtns	141-C		abun Siphon	Lower Zemorrian	Starke		
25271	not found		11052		S Cruz Mtns	141-C		abun Siphon	Lower Zemorrian	Starke		
25272	San Luis Obispo	Simmler	11058	1	NE corner of quad	249-D			no paleo info	RBV-WJE		
25273	San Luis Obispo	Simmler	11058	2	NE corner of quad	249-D			no paleo info	RBV-WJE		
25274	San Luis Obispo	Simmler	11058	3	NE corner of quad	249-D			no paleo info	RBV-WJE		
25275	Kern	La Panza NE	11059	1	NE corner of quad	249-D	La Panza 15'		no paleo info	RBV-WJE		
25276	Kern	La Panza NE	11059	2	NE corner of quad	249-D	La Panza 15'		no paleo info	RBV-WJE		
25277	Kern	La Panza NE	11059	RW- 2	NE corner of quad	119-H	La Panza 15'		no paleo info	Elliott		
25278	Kern	La Panza NE	11060		NE corner of quad	249-D	La Panza 15'		no paleo info	RBV-WJE		
25279	Kern	La Panza NE	11060	1	NE corner of quad	119-H	also has #11076		no paleo info	Elliott		
25280	San Luis Obispo	Simmler	11061	1	NE corner of quad	249-D			no paleo info	RBV-WJE		
25281	San Luis Obispo	Simmler	11061	2	NE corner of quad	249-D			no paleo info	RBV-WJE		
25282	San Luis Obispo	Las Yeguas Ranch?	11062		not found	249-D	Twisselman camp		no paleo info	RBV-WJE		
25283	San Luis Obispo	Las Yeguas Ranch	11063	1	SE corner of quad	249-D	Twisselman camp		no paleo info	RBV-WJE		
25284	San Luis Obispo	Las Yeguas Ranch	11063	2	SE corner of quad	249-D	Twisselman camp		no paleo info	RBV-WJE		
25285	San Luis Obispo	Las Yeguas Ranch?	11067	B	not found	249-D	Twisselman camp		no paleo info	RBV-WJE		
25286	San Luis Obispo	Las Yeguas Ranch?	11067	C	not found	249-D	Twisselman camp		no paleo info	RBV-WJE		
25287	San Luis Obispo	Las Yeguas Ranch	11068		SE corner of quad	249-D			no paleo info	RBV-WJE		
25288	Santa Barbara	Tranquillon Mountain	11068		Water Canyon	79-I			prob Paleocene	Kraetsch		
25289	Santa Barbara	Tranquillon Mountain	11069		Water Canyon	79-I			prob Paleocene	Kraetsch		
25290	Santa Barbara	Tranquillon Mountain	11069	RS	Water Canyon	79-I			prob Paleocene	Kraetsch		
25291	San Luis Obispo	Las Yeguas Ranch	11069		E of McClain Spring	249-D	Twisselman camp		no paleo info	RBV-WJE		
25292	Santa Barbara	Tranquillon Mountain	11070		Water Canyon	79-I			prob Paleocene	Kraetsch		
25293	Santa Barbara	Tranquillon Mountain	11070	RS	Water Canyon	79-I			prob Paleocene	Kraetsch		
25294	Santa Barbara	Tranquillon Mountain	11071		Water Canyon	79-I			prob Paleocene	Kraetsch		
25295	San Luis Obispo	Las Yeguas Ranch	11071		SE corner of quad	249-D	Twisselman camp		no paleo info	RBV-WJE		
25296	San Luis Obispo	Las Yeguas Ranch	11071	1	SE corner of quad	249-D	Twisselman camp		no paleo info	RBV-WJE		
25297	San Luis Obispo	Las Yeguas Ranch	11071	A	SE corner of quad	249-D	Twisselman camp		no paleo info	RBV-WJE		
25298	San Luis Obispo	Las Yeguas Ranch	11072	1	SE corner of quad	249-D	Twisselman camp		no paleo info	RBV-WJE		
25299	San Luis Obispo	Las Yeguas Ranch	11072	2	SE corner of quad	249-D	Twisselman camp		no paleo info	RBV-WJE		
25300	Santa Barbara	Tranquillon Mountain	11072		Water Canyon	79-I			Eocene A zone	Kraetsch		
25301	San Luis Obispo	Las Yeguas Ranch	11073		McClain Springs	249-D			no paleo info	RBV-WJE		
25302	Santa Barbara	Tranquillon Mountain	11073		Water Canyon	79-I		planktics com	Eocene A zone	Kraetsch		
25303	Santa Barbara	Tranquillon Mountain	11074		Water Canyon	79-I			U Cret F-1 zone	Kraetsch		
25304	San Luis Obispo	Las Yeguas Ranch	11075		SC part of quad	249-D	Twisselman camp		no paleo info	RBV-WJE		
25305	Santa Barbara	Tranquillon Mountain	11075		NE of Tranq. Mtn	79-I			Eocene A zone	Kraetsch		
25306	Santa Barbara	Tranquillon Mountain	11076		N of Honda Creek	79-I			Eocene A zone	Kraetsch		
25307	San Luis Obispo	Las Yeguas Ranch	11076	1	McClain Spring	249-D			no paleo info	RBV-WJE		
25308	San Luis Obispo	Las Yeguas Ranch	11076	2	McClain Spring	249-D			no paleo info	RBV-WJE		
25309	San Luis Obispo	Las Yeguas Ranch	11076	1	McClain Spring	119-H	see #11060		no paleo info	Elliott		
25310	San Luis Obispo	Las Yeguas Ranch	11077		McClain Spring	249-D			no paleo info	RBV-WJE		
25311	Santa Barbara	Tranquillon Mountain	11077		NC part of quad	79-I			not diagnostic	Kraetsch		
25312	Santa Barbara	Tranquillon Mountain	11078		EC part of quad	79-I		rubber casts	Poss L Miocene	Kraetsch		
25313	San Luis Obispo	Las Yeguas Ranch	11078	A	E McClain Spring	249-D			no paleo info	RBV-WJE		
25314	San Luis Obispo	Las Yeguas Ranch	11078	A-RW	E McClain Spring	119-H			no paleo info	RBV-WJE		
25315	San Luis Obispo	Las Yeguas Ranch	11078	B	E McClain Spring	249-D			no paleo info	RBV-WJE		
25316	San Luis Obispo	Las Yeguas Ranch	11078	B-RW	E McClain Spring	119-H			no paleo info	RBV-WJE		
25317	Santa Barbara	Tranquillon Mountain	11079		S of Wild Horse Pk	79-I			barren	Kraetsch		
25318	San Luis Obispo	Las Yeguas Ranch	11079	1	Temblor Range	249-D	not on map	Ross Ranch	no paleo info	RBV-WJE		
25319	San Luis Obispo	Las Yeguas Ranch	11079	1-RW	Temblor Range	119-H	not on map		no paleo info	Elliott		
25320	San Luis Obispo	Las Yeguas Ranch	11079	2	Temblor Range	249-D	not on map		no paleo info	RBV-WJE		
25321	San Luis Obispo	Las Yeguas Ranch	11079	2-RW	Temblor Range	119-H	not on map		no paleo info	Elliott		
25322	San Luis Obispo	Las Yeguas Ranch	11079	3	Temblor Range	249-D	not on map		no paleo info	RBV-WJE		
25323	San Luis Obispo	Las Yeguas Ranch	11079	3-RW	Temblor Range	119-H	not on map		no paleo info	Elliott		
25324	San Luis Obispo	Las Yeguas Ranch	11079	4	McClain Spring	249-D	not on map		no paleo info	RBV-WJE		
25325	San Luis Obispo	Las Yeguas Ranch	11080	1	McClain Spring	249-D	not on map		no paleo info	RBV-WJE		
25326	Santa Barbara	Tranquillon Mountain	11080		center of quad	79-I			prob Relizian	Kraetsch		
25327	San Luis Obispo	Las Yeguas Ranch	11080	2	Ross Ranch	249-E	not on map		no paleo info	RBV-WJE		
25328	San Luis Obispo	Las Yeguas Ranch	11081		center of quad	249-E			no paleo info	RBV-WJE		
25329	Santa Barbara	Tranquillon Mountain	11081		center of quad	79-I			Relizian	Kraetsch		
25330	Santa Barbara	Tranquillon Mountain	11082		EC part of quad	79-I		rubber casts	Eocene A zone	Kraetsch		
25331	San Luis Obispo	Las Yeguas Ranch	11082	1	Caneros Canyon	249-E	Rector Ranch slide		no paleo info	WJE		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ONE/SERIES/AG	COLLECTORS		
25332	San Luis Obispo	Las Yeguas Ranch	11082	2	Caneros Canyon	249-E	EC part of quad		no paleo info	WJE		
25333	San Luis Obispo	Las Yeguas Ranch	11082	3	Caneros Canyon	249-E			no paleo info	WJE		
25334	San Luis Obispo	Las Yeguas Ranch	11082	4	Caneros Canyon	249-E			no paleo info	WJE		
25335	San Luis Obispo	Las Yeguas Ranch	11082	5	Caneros Canyon	249-E			no paleo info	WJE		
25336	San Luis Obispo	Las Yeguas Ranch	11082	6	Caneros Canyon	249-E			no paleo info	WJE		
25337	San Luis Obispo	Las Yeguas Ranch	11082	7	Caneros Canyon	249-E			no paleo info	WJE		
25338	Santa Barbara	Tranquillon Mountain	11083		not on map	79-I		rubber casts	Eocene A zone	Kraetsch		
25339	San Luis Obispo	Las Yeguas Ranch	11083		Las Yeguas Rnch	249-E			no paleo info	RBV-WJE		
25340	Santa Barbara	Tranquillon Mountain	11084		EC part of quad	79-I			barren	Kraetsch		
25341	Santa Barbara	Tranquillon Mountain	11085	1	EC part of quad	79-I			Eocene A zone	Orlopp		
25342	Monterey	Cosio Knob	11086	A	NW part of quad	74-D			no paleo info			
25343	Monterey	Cosio Knob	11086	B	NW part of quad	74-D			no paleo info			
25344	Monterey	Cosio Knob	11086	C	NW part of quad	74-D			no paleo info			
25345	Solano	Mount Vaca	11100		Vaca Valley	88-N		good fauna	Paleocene E zone	Helm		
25346	Solano	Mount Vaca	11101		Vaca Valley	88-N			Paleocene E zone	Helm		
25347	Solano	Mount Vaca	11102		Vaca Valley	88-N			? Paleocene	Helm		
25348	Solano	Mount Vaca	11103		Vaca Valley	88-N			U Cret?	Helm		
25349	Solano	Mount Vaca	11104		Vaca Valley	88-N			Paleocene E zone	Helm		
25350	Solano	Mount Vaca	11105		Vaca Valley	88-N			?Paleocene E zone	Helm		
25351	Solano	Mount Vaca	11106		Vaca Valley	88-N			Paleocene D zone	Helm		
25352	Solano	Mount Vaca	11107		Vaca Valley	88-N	glaucl ss		barren	Helm		
25353	Solano	Mount Vaca	11108		Vaca Valley	88-N			Eocene B zone	Helm		
25354	Shasta	Olinda	11110	1	Clear Creek	151-N	for strat column		barren	Weige		
25355	Shasta	Olinda	11110	2	Clear Creek	151-N	see lot # 750		L Cret J-2 zone	Weige		
25356	Shasta	Olinda	11110	2RS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25357	Shasta	Olinda	11110	3	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25358	Shasta	Olinda	11110	4	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25359	Shasta	Olinda	11110	5	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25360	Shasta	Olinda	11110	6	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25361	Shasta	Olinda	11110	6ARS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25362	Shasta	Olinda	11110	6BRS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25363	Shasta	Olinda	11110	6CRS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25364	Shasta	Olinda	11110	6DRS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25365	Shasta	Olinda	11110	7ARS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25366	Shasta	Olinda	11110	7BRS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25367	Shasta	Olinda	11110	7CRS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25368	Shasta	Olinda	11110	7DTS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25369	Shasta	Olinda	11110	7ERS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25370	Shasta	Olinda	11110	7	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25371	Shasta	Olinda	11110	8	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25372	Shasta	Olinda	11110	8ARS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25373	Shasta	Olinda	11110	8BRS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25374	Shasta	Olinda	11110	8CRS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25375	Shasta	Olinda	11110	8DRS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone	Weige		
25376	Shasta	Olinda	11110	9	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25377	Shasta	Olinda	11110	10	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25378	Shasta	Olinda	11110	11	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25379	Shasta	Olinda	11110	12	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25380	Shasta	Olinda	11110	13	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25381	Shasta	Olinda	11110	14	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25382	Shasta	Olinda	11110	15	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25383	Shasta	Olinda	11110	17	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25384	Shasta	Olinda	11110	19	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25385	Shasta	Olinda	11110	20	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25386	Shasta	Olinda	11110	21	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25387	Shasta	Olinda	11110	22	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25388	Shasta	Olinda	11110	23	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25389	Shasta	Olinda	11110	24	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25390	Shasta	Olinda	11110	25	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25391	Shasta	Olinda	11110	26	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25392	Shasta	Olinda	11110	27	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25393	Shasta	Olinda	11110	28	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25394	Shasta	Olinda	11110	29	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25395	Shasta	Olinda	11110	30	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25396	Shasta	Olinda	11110	31	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25397	Shasta	Olinda	11110	32	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25398	Shasta	Olinda	11110	37	Clear Creek	151-N	Anderson 15'		U Cret H zone	Weige		
25399	Shasta	Clough Gulch	11111	1	Cow Creek	152-N	Millville 15'		not diagnostic	Weige		
25400	Shasta	Clough Gulch	11111	1RW	Cow Creek	152-N	Millville 15'		no paleo info	Weige		
25401	Shasta	Clough Gulch	11111	2	Cow Creek	152-N	Millville 15'		barren	Weige		
25402	Shasta	Clough Gulch	11111	3	Cow Creek	152-N	Millville 15'		not diagnostic	Weige		
25403	Shasta	Clough Gulch	11111	4	Cow Creek	152-N	Millville 15'		U Cret G-1 zone	Weige		
25404	Shasta	Clough Gulch	11111	5	Cow Creek	152-N	Millville 15'		U Cret G-1 zone	Weige		
25405	Shasta	Clough Gulch	11111	6	Cow Creek	152-N	Millville 15'		U Cret G-1 zone	Weige		
25406	Shasta	Clough Gulch	11111	7	Cow Creek	152-N	Millville 15'		U Cret G-1 zone	Weige		
25407	Shasta	Clough Gulch	11111	8	Cow Creek	152-N	Millville 15'		U Cret G-1 zone	Weige		
25408	Shasta	Clough Gulch	11111	9	Cow Creek	152-N	Millville 15'		Upper Cretaceous	Weige		
25409	Shasta	Clough Gulch	11111	10	Cow Creek	152-N	Millville 15'		not diagnostic	Weige		
25410	Shasta	Clough Gulch	11111	11	Cow Creek	152-N	Millville 15'		not diagnostic	Weige		
25411	Shasta	Clough Gulch	11111	12	Cow Creek	152-N	Millville 15'		not diagnostic	Weige		
25412	Shasta	Clough Gulch	11111	13	Cow Creek	152-N	Millville 15'		U Cret G-1 zone	Weige		
25413	Shasta	Clough Gulch	11111	14	Cow Creek	152-N	Millville 15'		not diagnostic	Weige		
25414	Shasta	Clough Gulch	11111	15	Cow Creek	152-N	Millville 15'		U Cret G-1 zone	Weige		
25415	Shasta	Clough Gulch	11111	16	Cow Creek	152-N	Millville 15'		U Cret G-1 zone	Weige		
25416	Shasta	Clough Gulch	11111	17-1	Cow Creek	152-N	Millville 15'		Upper Cretaceous	Weige		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ZONE/SERIES/AG	COLLECTORS		
25417	Shasta	Clough Gulch	11111	17-2	Cow Creek	152-N	Millville 15'		Upper Cretaceous	Welge		
25418	Shasta	Clough Gulch	11111	18	Cow Creek	152-N	Millville 15'		U Cret G-1 zone	Welge		
25419	Shasta	Clough Gulch	11111	18-1	Cow Creek	152-N	Millville 15'		Upper Cretaceous	Welge		
25420	Shasta	Clough Gulch	11111	18-2	Cow Creek	152-N	Millville 15'		U Cret G-1 zone	Welge		
25421	Shasta	Clough Gulch	11111	18-3	Cow Creek	152-N	Millville 15'		U Cret G-1 zone	Welge		
25422	Shasta	Clough Gulch	11111	18-4	Cow Creek	152-N	Millville 15'		U Cret G-1 zone	Welge		
25423	Shasta	Clough Gulch	11111	18-5	Cow Creek	152-N	Millville 15'		U Cret G-1 zone	Welge		
25424	Shasta	Clough Gulch	11111	18-6	Cow Creek	152-N	Millville 15'		U Cret G-1 zone	Welge		
25425	Shasta	Clough Gulch	11111	18-7	Cow Creek	152-N	Millville 15'		not diagnostic	Welge		
25426	Shasta	Clough Gulch	11111	18-8	Cow Creek	152-N	Millville 15'		not diagnostic	Welge		
25427	Shasta	Clough Gulch	11111	18-9	Cow Creek	152-N	Millville 15'		not diagnostic	Welge		
25428	Shasta	Clough Gulch	11111	18-10	Cow Creek	152-N	Millville 15'		U Cret G-1 zone	Welge		
25429	Shasta	Clough Gulch	11111	18-11	Cow Creek	152-N	Millville 15'		U Cret G-1 zone	Welge		
25430	Shasta	Clough Gulch	11111	18-12	Cow Creek	152-N	Millville 15'		U Cret G-1 zone	Welge		
25431	Shasta	Clough Gulch	11111	18-13	Cow Creek	152-N	Millville 15'		U Cret G-1 zone	Welge		
25432	Shasta	Clough Gulch	11111	18-14	Cow Creek	152-N	Millville 15'	area B	U Cret G-1 zone	Welge		
25433	Shasta	Clough Gulch	11111	19	Cow Creek	152-N	not on map		not diagnostic	Welge		
25434	Shasta	Clough Gulch	11111	20	Cow Creek	152-N	not on map		U Cret G-1 zone	Welge		
25435	Shasta	Ono East	11112	1	East of Ono	148-N	Ono 15'	area C-8	L Cret K zone	Welge		
25436	Shasta	Ono East	11112	2	East of Ono	148-N	Ono 15'		Lower Cretaceous	Welge		
25437	Shasta	Olinda	11113	1	Clear Creek	148-N	Anderson 15'	not on map	U Cret H zone	Welge		
25438	Shasta	Olinda	11113	2	Clear Creek	148-N	Anderson 15'	not on map	not diagnostic	Welge		
25439	Shasta	Olinda	11113	1RW	Clear Creek	148-N	Anderson 15'	not on map	no paleo info	Welge		
25440	Colusa	Wilbur Springs	11116	1	Bear Creek	151-E	Wilbur Springs 15'		L Cret K/L zone	Helms		
25441	Colusa	Wilbur Springs	11116	2	Bear Creek	151-E	Wilbur Springs 15'		L Cret K/L zone	Helms		
25442	Colusa	Wilbur Springs	11116	3	Bear Creek	151-E	Wilbur Springs 15'		L Cret K/L zone	Helms		
25443	Shasta	Bella Vista	11117	2	Woodmans Hill	151-E	Millville 15'	not on map	Upper Cretaceous	Helms		
25444	Shasta	Bella Vista	11117	3	Woodmans Hill	151-E	Millville 15'	not on map	Upper Cretaceous	Helms		
25445	Shasta	Bella Vista	11117	4	Woodmans Hill	151-E	Millville 15'	not on map	Upper Cretaceous	Helms		
25446	Siskiyou	Cottonwood Peak	11118	2	S of Hilt	151-E	Hornbrook 15'		U Cret F-1 zone	Helms		
25447	Siskiyou	Cottonwood Peak	11118	2RW	S of Hilt	151-E	Hornbrook 15'		no paleo info	Helms		
25448	Shasta	Oak Run	11119	1	Clover Creek	151-E	Millville 15'	not on map	U Cret G-1 zone	Welge		
25449	Yolo	Rumsey	11120	2	Petroleum Creek	151-E	Guinda 15'	have strat	U Cret F-1 zone	Welge		
25450	Yolo	Rumsey	11120	3	Petroleum Creek	151-E	Guinda 15'	column	U Cret F-1 zone	Welge		
25451	Yolo	Rumsey	11120	4P	Petroleum Creek	151-E	Guinda 15'		U Cret F-1 zone	Welge		
25452	Yolo	Rumsey	11120	5P	Petroleum Creek	151-E	Guinda 15'		U Cret F-1 zone	Welge		
25453	Yolo	Rumsey	11120	6P	Petroleum Creek	151-E	Guinda 15'		U Cret F-1 zone	Welge		
25454	Yolo	Rumsey	11120	7P	Petroleum Creek	151-E	Guinda 15'		U Cret F-1 zone	Welge		
25455	Yolo	Rumsey	11120	8P	Petroleum Creek	151-E	Guinda 15'		U Cret F-2 zone	Welge		
25456	Yolo	Rumsey	11120	9P	Petroleum Creek	151-E	Guinda 15'		U Cret F-2 zone	Welge		
25457	Yolo	Rumsey	11120	10P	Petroleum Creek	151-E	Guinda 15'		U Cret F-2 zone	Welge		
25458	Yolo	Rumsey	11120	11P	Petroleum Creek	151-E	Guinda 15'		U Cret F-2 zone	Welge		
25459	Yolo	Rumsey	11120	12P	Petroleum Creek	151-E	Guinda 15'		U Cret F-2 zone	Welge		
25460	Yolo	Rumsey	11121	1	Nig Heaven Dome	151-E	Guinda 15'		U Cret F-1 zone	Welge		
25461	Yolo	Rumsey	11121	2	Nig Heaven Dome	151-E	Guinda 15'		U Cret F-1 zone	Welge		
25462	Yolo	Rumsey	11121	3	Nig Heaven Dome	151-E	Guinda 15'		U Cret F-1 zone	Welge		
25463	Yolo	Guinda	11135	2	Mushoak Creek	151-F	Guinda 15'	area D-9	U Cret F-1 zone	Welge		
25464	Yolo	Guinda	11135	4	Mushoak Creek	151-F	Guinda 15'	have strat	U Cret F-1 zone	Welge		
25465	Yolo	Guinda	11135	5	Mushoak Creek	151-F	Guinda 15'	column	U Cret F-1 zone	Welge		
25466	Yolo	Guinda	11135	6	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25467	Yolo	Guinda	11135	7	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25468	Yolo	Guinda	11135	8	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25469	Yolo	Guinda	11135	9	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25470	Yolo	Guinda	11135	10	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25471	Yolo	Guinda	11135	11	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25472	Yolo	Guinda	11135	12	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25473	Yolo	Guinda	11135	13	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25474	Yolo	Guinda	11135	14	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25475	Yolo	Guinda	11135	15	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25476	Yolo	Guinda	11135	16	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25477	Yolo	Guinda	11135	17	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25478	Yolo	Guinda	11135	18	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25479	Yolo	Guinda	11135	19	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25480	Yolo	Guinda	11135	20	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25481	Yolo	Guinda	11135	21	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25482	Yolo	Guinda	11135	22	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25483	Yolo	Guinda	11135	23	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25484	Yolo	Guinda	11135	24	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25485	Yolo	Guinda	11135	25	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
25486	Yolo	Guinda	11135	26	Mushoak Creek	151-F	Guinda 15'		U Cret F-2 zone	Welge		
25487	Yolo	Guinda	11135	27	Mushoak Creek	151-F	Guinda 15'		U Cret G-1 zone	Welge		
25488	Colusa	Salt Canyon	11136	1	Salt Creek	151-G	Have strat columns		U Cret F-1 zone	Welge		
25489	Colusa	Salt Canyon	11136	2	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-1 zone	Welge		
25490	Colusa	Salt Canyon	11136	3	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-1 zone	Welge		
25491	Colusa	Salt Canyon	11136	5	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-1 zone	Welge		
25492	Colusa	Salt Canyon	11136	6	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-1 zone	Welge		
25493	Colusa	Salt Canyon	11136	7	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-1 zone	Welge		
25494	Colusa	Salt Canyon	11136	8	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-1 zone	Welge		
25495	Colusa	Salt Canyon	11136	9	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-1 zone	Welge		
25496	Colusa	Salt Canyon	11136	10	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-1 zone	Welge		
25497	Colusa	Salt Canyon	11136	11	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-1 zone	Welge		
25498	Colusa	Salt Canyon	11136	12	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-1 zone	Welge		
25499	Colusa	Salt Canyon	11136	13	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-1 zone	Welge		
25500	Colusa	Salt Canyon	11136	14	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-1 zone	Welge		
25501	Colusa	Salt Canyon	11136	15	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-1 zone	Welge		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
25587	Yolo	Rumsey	11139	6	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
25588	Yolo	Rumsey	11139	7	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
25589	Yolo	Rumsey	11139	8	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
25590	Yolo	Rumsey	11139	9	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
25591	Yolo	Rumsey	11139	10	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
25592	Yolo	Rumsey	11139	11	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
25593	Yolo	Rumsey	11139	12	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
25594	Yolo	Rumsey	11139	13	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
25595	Yolo	Rumsey	11139	15	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
25596	Yolo	Rumsey	11139	18	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
25597	Yolo	Rumsey	11139	19	Buckeye Creek	151-G	Guinda 15'		Upper Cretaceous	Welge		
25598	Yolo	Rumsey	11139	19	Buckeye Creek	151-G	Guinda 15'		Upper Cretaceous	Welge		
25599	Yolo	Guinda	11139	20	Buckeye Creek	151-G	Guinda 15'		Upper Cretaceous	Welge		
25600	Yolo	Guinda	11139	21	Buckeye Creek	151-G	Guinda 15'		Upper Cretaceous	Welge		
25601	Yolo	Guinda	11139	22	Buckeye Creek	151-G	Guinda 15'		Upper Cretaceous	Welge		
25602	Yolo	Rumsey	11139	23	Buckeye Creek	151-G	Guinda 15'		Upper Cretaceous	Welge		
25603	Yolo	Rumsey	11139	24	Buckeye Creek	151-G	Guinda 15'		Upper Cretaceous	Welge		
25604	Shasta	Clough Gulch?	11140	1	Clover Creek	151-J	Millville 15'	Not on map	U Cret G-1 zone	Welge		
25605	Shasta	Clough Gulch?	11140	2	Clover Creek	151-J	Millville 15'	Not on map	U Cret G-1 zone	Welge		
25606	Shasta	Clough Gulch?	11140	3	Clover Creek	151-J	Millville 15'	Not on map	U Cret G-1 zone	Welge		
25607	Shasta	Clough Gulch?	11140	4	Clover Creek	151-J	Millville 15'	Not on map	U Cret G-1 zone	Welge		
25608	Shasta	Clough Gulch?	11140	5	Clover Creek	151-J	Millville 15'	Not on map	U Cret G-1 zone	Welge		
25609	Shasta	Clough Gulch?	11140	6	Clover Creek	151-J	Millville 15'	Not on map	U Cret G-1 zone	Welge		
25610	Shasta	Clough Gulch?	11140	7	Clover Creek	151-J	Millville 15'	Not on map	U Cret G-1 zone	Welge		
25611	Shasta	Clough Gulch?	11140	8	Clover Creek	151-J	Millville 15'	Not on map	U Cret G-1 zone	Welge		
25612	Shasta	Clough Gulch?	11140	9	Clover Creek	151-J	Millville 15'	Not on map	U Cret G-1 zone	Welge		
25613	Shasta	Clough Gulch?	11140	10	Clover Creek	151-J	Millville 15'	Not on map	U Cret G-1 zone	Welge		
25614	Shasta	Clough Gulch?	11140	11	Clover Creek	151-J	Millville 15'	Not on map	U Cret G-1 zone	Welge		
25615	Shasta	Clough Gulch?	11140	12	Clover Creek	151-J	Millville 15'	Not on map	U Cret G-1 zone	Welge		
25616	Shasta	Oak Run?	11145	11-1	Dry Creek	151-J	Millville 15'	Not on map	not diagnostic	Welge		
25617	Shasta	Oak Run?	11145	11-2	Dry Creek	151-J	Millville 15'	Not on map	U Cret H zone	Welge		
25618	Yolo	Bird Valley	11146	1	Salt Creek	152-G	Guinda 15'	Not on map	barren	Welge		
25619	Yolo	Bird Valley	11146	2	Salt Creek	152-G	Guinda 15'	Not on map	barren	Welge		
25620	Yolo	Bird Valley	11146	3	Salt Creek	152-G	Guinda 15'	Not on map	barren	Welge		
25621	Yolo	Bird Valley	11146	4	Salt Creek	152-G	Guinda 15'	Not on map	barren	Welge		
25622	Yolo	Bird Valley	11146	10	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H zone	Welge		
25623	Yolo	Bird Valley	11146	11	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H zone	Welge		
25624	Yolo	Bird Valley	11146	12	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H zone	Welge		
25625	Yolo	Bird Valley	11146	13	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H zone	Welge		
25626	Yolo	Bird Valley	11146	15	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H zone	Welge		
25627	Yolo	Bird Valley	11146	16	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H zone	Welge		
25628	Yolo	Bird Valley	11146	17	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H zone	Welge		
25629	Yolo	Bird Valley	11146	18	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H zone	Welge		
25630	Yolo	Bird Valley	11146	19	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H zone	Welge		
25631	Yolo	Bird Valley	11146	20	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H zone	Welge		
25632	Yolo	Bird Valley	11146	21	Salt Creek	152-G	Guinda 15'	Not on map	not diagnostic	Welge		
25633	Yolo	Bird Valley	11146	22	Salt Creek	152-G	Guinda 15'	Not on map	not diagnostic	Welge		
25634	San Mateo	Half Moon Bay	11152		not on map	27-M	28/5S/5W (SLP)	SLURP age	Luisian	Classen		
25635	Lake	Wilson Valley	11154	132-8	Upper Wilson Dam	150-F	NW part of quad	Knoxville	Jurassic			
25636	Solano	Mount Vaca	11155	1	Gates Canyon	151-K		Mt Vaca 15'	U Cret F-1 zone	Hornung		
25637	Solano	Mount Vaca	11155	3	Gates Canyon	151-K		Mt Vaca 15'	U Cret G-1 zone	Hornung		
25638	Solano	Mount Vaca	11155	4	Gates Canyon	151-K		Mt Vaca 15'	U Cret G-1 zone	Hornung		
25639	Solano	Mount Vaca	11156	2	NW Pleasants V S	151-M		Mt Vaca 15'	not diagnostic	Hornung		
25640	Solano	Mount Vaca	11157	1	Pleasants Vly	151-M	14/7N/2W	flood rads and	U Cret F-1 zone	Hornung		
25641	Solano	Mount Vaca	11157	2	Pleasants Vly	151-M		diatoms	U Cret F-1 zone	Hornung		
25642	Solano	Mount Vaca	11157	3	Pleasants Vly	151-M		Mt Vaca 15'	U Cret F-1 zone	Hornung		
25643	Solano	Mount Vaca	11158	1	W of Oakdale Sch	151-M		Mt Vaca 15'	Upper Cretaceous	Hornung		
25644	Solano	Mount Vaca	11158	4	W of Oakdale Sch	151-M		Mt Vaca 15'	mixed K and Eoc	Hornung		
25645	Solano	Fairfield North	11160	1	Hwy 80 by Laurel	151-M			U Cret F/G zones	Hornung		
25646	Solano	Fairfield North	11160	2	Hwy 80 by Laurel	151-M			U Cret F/G zones	Hornung		
25647	Solano	Fairfield North	11160	3	Hwy 80 by Laurel	151-M			U Cret F/G zones	Hornung		
25648	Solano	Fairfield North	11160	4	Hwy 80 by Laurel	151-M			U Cret F/G zones	Hornung		
25649	Solano	Fairfield North	11160	5	Hwy 80 by Laurel	151-M			U Cret F/G zones	Hornung		
25650	Solano	Fairfield North	11160	6	Hwy 80 by Laurel	151-M			U Cret F/G zones	Hornung		
25651	Solano	Fairfield North	11160	7	Hwy 80 by Laurel	151-M			U Cret F/G zones	Hornung		
25652	Shasta	Enterprise	11163		E of Redding airpo	153-K	Redding 15'	USBR CH	U Cret F/G zones			
25653	Shasta	Enterprise	11164	A	E of Redding airpo	153-K	Redding 15'	USBR CH	U Cret G-1 zone			
25654	Shasta	Enterprise	11164	B	E of Redding airpo	153-K	Redding 15'	USBR CH	U Cret G-1 zone			
25655	Shasta	Enterprise	11164	C	E of Redding airpo	153-K	Redding 15'	USBR CH	U Cret G-1 zone			
25656	Shasta	Enterprise	11164	D	E of Redding airpo	153-K	Redding 15'	USBR CH	U Cret G-1 zone			
25657	Shasta	Enterprise	11164	E	E of Redding airpo	153-K	Redding 15'	USBR CH	U Cret G-1 zone			
25658	Shasta	Enterprise	11164	F	E of Redding airpo	153-K	Redding 15'	USBR CH	U Cret G-1 zone			
25659	Shasta	Enterprise	11166	G	E of Redding airpo	153-K	Redding 15'	USBR CH	U Cret G-1 zone			
25660	Santa Cruz	Castle Rock Ridge	11200		Newell Creek	B-1			Zemorrian	McCullom		
25661	Santa Cruz	Castle Rock Ridge	11200	RM-1	picked slide	B-1			Zemorrian			
25662	Santa Cruz	Castle Rock Ridge	11200	RM-2	picked slide	B-1			Zemorrian			
25663	Santa Cruz	Castle Rock Ridge	11201		Newell Creek	B-1			Zemorrian	McCullom		
25664	Santa Cruz	Castle Rock Ridge	11202		Newell Creek	B-1			Zemorrian	McCullom		
25665	Santa Cruz	Castle Rock Ridge	11203		Newell Creek	B-1			Zemorrian	McCullom		
25666	Santa Cruz	Castle Rock Ridge	11204		Newell Creek	B-1			Zemorrian	McCullom		
25667	Santa Cruz	Castle Rock Ridge	11205		Newell Creek	B-1			Zemorrian	McCullom		
25668	Santa Cruz	Castle Rock Ridge	11206		Zayante Creek	B-1			Zemorrian	McCullom		
25669	Santa Cruz	Castle Rock Ridge	11207		Zayante Creek	B-1			Zemorrian	McCullom		
25670	Santa Cruz	Castle Rock Ridge	11208		Zayante Creek	B-1			Zemorrian	McCullom		
25671	Santa Cruz	Castle Rock Ridge	11209		Zayante Creek	B-1			Zemorrian	McCullom		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
25672	Santa Cruz	Castle Rock Ridge	11210		Zayante Creek	B-1			Zemorrian	McCullom		
25673	Santa Cruz	Castle Rock Ridge	11211		Zayante Creek	B-1			Zemorrian	McCullom		
25674	San Mateo	Mindego Hill	11212	RM-15	Skyline Blvd	B-1			Zemorrian	McCullom		
25675	San Mateo	Mindego Hill	11213	RM-16	Skyline Blvd	B-1			Zemorrian	McCullom		
25676	not found	not found	11214	RM-9	S Cruz Mtns	B-1	McCullom #9		Zemorrian	McCullom		
25677	Monterey	Cone Peak	11215		not on map	I-7	ANL 4-70	com planktics	Eocene	Stanford		
25678	Monterey	Cone Peak	11216		not on map	I-7	ANL 5-3		not diagnostic	Stanford		
25679	Monterey	Cone Peak	11217		NE of The Indians	I-7	ARP 2-40		Middle Miocene	Stanford		
25680	Monterey	Cone Peak	11219		S of Avila Ranch	I-7	CMT 21-3		Cret/Paleocene	Stanford		
25681	Monterey	Cone Peak	11221		W of Avila Ranch	I-7	CMT 21-16	U Cret NP	prob U Cretaceous	Stanford		
25682	Monterey	Juniper Serra Peak	11224		Indians Road	I-7	ELS 12-6		Cret/Paleocene	Stanford		
25683	Monterey	Cone Peak	11225		N of The Indians	I-7	ESN 1-19		Zemorrian	Stanford		
25684	Monterey	Cone Peak	11226		N of The Indians	I-7	ESM 1-20		Lower Relizian	Stanford		
25685	Monterey	Juniper Serra Peak	11227		Arroyo Seco	I-7	ESM 13-8	abun planktics	prob L Eocene	Stanford		
25686	Monterey	Juniper Serra Peak	11228		Arroyo Seco	I-7	ESM 13-10		Lower Zemorrian	Stanford		
25687	Monterey	Cone Peak	11229		E of The Indians	I-7	FJO 4-5		L or M Miocene	Stanford		
25688	Monterey	Cone Peak	11230		N Fork SA River	I-7	FJO 4-21		Eocene	Stanford		
25689	Monterey	Cone Peak	11231		N Fork SA River	I-7	FJO 4-22		Cret/Paleoc	Stanford		
25690	Monterey	Cone Peak	11232		Rattlesnake Ck	I-7	FJO 4-30		Luisian	Stanford		
25691	Monterey	Cone Peak	11233		N Fork SA River	I-7	FJO 4-32		Cret/Paleocene	Stanford		
25692	Monterey	Cone Peak	11234		N of The Indians	I-7	ICW 1-9		Middle Miocene	Stanford		
25693	Monterey	Cone Peak	11235		N of The Indians	I-7	ICW 1-21		Nariz/Zemorrian	Stanford		
25694	Monterey	Cone Peak	11236		S of The Indians	I-7	ICW 7-95		Refug/Zemorrian	Stanford		
25695	Monterey	Cone Peak	11237		S of The Indians	I-7	ICW 7-98		Nariz/Zemorrian	Stanford		
25696	Monterey	Cone Peak	11238		Rattlesnake Ck	I-7	JDR 5-4		prob Luisian	Stanford		
25697	Monterey	Cone Peak	11239		N Fork SA River	I-7	JDR 5-23		Cret/Paleocene	Stanford		
25698	Monterey	Cone Peak?	11240		not on map	I-7	JDR 5-27		Luisian	Stanford		
25699	Monterey	Cone Peak	11241		Junipero Serra	I-7	JWF 1-95		Nariz/Zemorrian	Stanford		
25700	Monterey	Bear Canyon	11242		San Antonio River	I-7	JWF 9-9		Cret/Paleoc	Stanford		
25701	Monterey	Cone Peak	11243		Pinal Creek	I-7	JWS 6-17		Luisian	Stanford		
25702	Monterey	Juniper Serra Peak?	11244		not on map	I-7	JWS 6-12		barren	Stanford		
25703	Monterey	Juniper Serra Peak	11245		Rattlesnake Ck	I-7	JWS 6-26		Cret/Paleocene	Stanford		
25704	Monterey	Juniper Serra Peak	11246		Indians Road	I-7	JWS 15-9		Cret/Paleocene	Stanford		
25705	Monterey	Juniper Serra Peak	11247		Indians Road	I-7	MPB 15-7	com planktics	L Eocene C zone	Stanford		
25706	Monterey	Juniper Serra Peak	11248		Indians Road	I-7	MPB 15-24	com planktics	L Eocene C zone	Stanford		
25707	Monterey	Bear Canyon	11249		Pinalto Creek	I-7	PWW 8-15		Cret/Paleocene	Stanford		
25708	Monterey	Cone Peak	11250		Wizard Gulch	I-7	RJT 16-26		Cret/Paleocene	Stanford		
25709	Monterey	Cone Peak	11251		Pinal Creek	I-7	SAT 5-12		Cret/Paleocene	Stanford		
25710	Monterey	Cone Peak	11252		Pinal Creek	I-7	TCH 6-13		Luisian	Stanford		
25711	Monterey	Cone Peak	11254		Pinal Creek	I-7	TCH 6-25		not diagnostic	Stanford		
25712	Monterey	Cone Peak	11255		S of SL Mem Park	I-7	TCH 10-3		Refug/Zemorrian	Stanford		
25713	Monterey	Juniper Serra Peak	11257		Arroyo Seco	I-7	YAJ 13-25		Paleocene D zone	Stanford		
25714	Monterey	Juniper Serra Peak	11258		E of Escondido Cp	I-7	YAJ 13-26	com planktics	Paleocene D zone	Stanford		
25715	Monterey	Juniper Serra Peak?	11259		not on map	I-7		L Eoc NP	Cret/Paleocene	Stanford		
25716	Kern	Santiago Creek	11262		W of Santiago Ck	12-J			no paleo info	Classen		
25717	Kern	Santiago Creek	11265	A	W of Santiago Ck	12-J			no paleo info	Classen		
25718	Kern	Santiago Creek	11272	B	W of Santiago Ck	12-J			no paleo info	Classen		
25719	Kern	Maricopa	11293	1	not on map	203-N	Pioneer anticline		no paleo info			
25720	Kern	Maricopa	11293	2	not on map	203-N	Pioneer anticline		no paleo info			
25721	Kern	Maricopa	11294	1	SE corner quad	203-N	Pioneer anticline		no paleo info			
25722	Kern	Maricopa	11294	2	SE corner quad	203-N	Pioneer anticline		no paleo info			
25723	Kern	Maricopa	11294	3	SE corner quad	203-N	Pioneer anticline		no paleo info			
25724	Kern	Maricopa	11294	4	SE corner quad	203-N	Pioneer anticline		no paleo info			
25725	San Luis Obispo	Maricopa	11295	1	SW corner quad	203-N	Pioneer anticline		no paleo info			
25726	San Luis Obispo	Maricopa	11297	1	SW corner quad	203-N	Pioneer anticline		no paleo info			
25727	San Luis Obispo	Maricopa	11298	1	SW corner quad	203-N	Pioneer anticline		no paleo info			
25728	San Luis Obispo	Maricopa	11298	2	SW corner quad	203-N	Pioneer anticline		no paleo info			
25729	San Luis Obispo	Maricopa	11298	3	SW corner quad	203-N	Pioneer anticline		no paleo info			
25730	San Luis Obispo	Maricopa	11298	6	SW corner quad	203-N	Pioneer anticline		no paleo info			
25731	San Luis Obispo	York Mountain	11301		E of Oakdale Schl	159-N	area F-2		prob Luisian			
25732	San Luis Obispo	York Mountain	11302		Paso Robles Road	159-N			Relizian			
25733	San Luis Obispo	Templeton	11306		W of Templeton	159-N			Luisian			
25734	San Luis Obispo	York Mountain	11307		Willow Ck Road	159-N			Saucesian			
25735	San Luis Obispo	York Mountain?	11310		not found	159-N			prob Zemorrian			
25736	San Luis Obispo	York Mountain?	11311		not found	159-N			Luisian			
25737	San Luis Obispo	Templeton	11312		S of Templeton	159-N			prob M Miocene			
25738	San Luis Obispo	York Mountain	11313		Cayucos Road	159-N			Zemorrian			
25739	San Luis Obispo	York Mountain	11314		Templeton Road	159-N	see also SLO	Cypress Mtn	poss Luisian			
25740	San Luis Obispo	Cypress Mountain	11315		S of Cypress Mtn	123-J	Adelaida 15'	area F-2	Zemorrian	Kistler		
25741	San Luis Obispo	Cypress Mountain	11316		S of Cypress Mtn	159-N	Adelaida 15'		not diagnostic			
25742	San Luis Obispo	Adelaida	11317		Paso Robles Road	159-N			Saucesian			
25743	San Luis Obispo	Lime Mountain	11319	1	E of Camp Natoma	159-N	Adelaida 15'		Saucesian/Relizian			
25744	San Luis Obispo	Lime Mountain	11319	2	E of Camp Natoma	159-N	Adelaida 15'		Saucesian/Relizian			
25745	San Luis Obispo	Templeton	11320		W of Paso Robles	160-N			Luisian	Kistler		
25746	San Luis Obispo	Adelaida	11321		Paso Robles Road	160-N			Relizian	Kistler		
25747	San Luis Obispo	Adelaida	11326		Paso Robles Road	160-N			not diagnostic	Kistler		
25748	San Luis Obispo	Adelaida	11328		Paso Robles Road	160-N			L Relizian	Kistler		
25749	San Luis Obispo	Adelaida	11330		San Miguel Road	30-E			not diagnostic	Kistler		
25750	San Luis Obispo	Adelaida	11332		Near Chimney Rock	30-E			Relizian	Kistler		
25751	San Luis Obispo	Adelaida	11333		Near Chimney Rock	30-E			Relizian	Kistler		
25752	San Luis Obispo	Adelaida	11334		E of Chimney Rock	30-E			Luisian	Kistler		
25753	Santa Barbara	Santa Rosa Hills	11337		Los Amoles Creek	79-I			Narizian/Refugian	Kraetsch		
25754	Santa Barbara	Santa Rosa Hills	11338		Los Amoles Creek	79-I			barren	Kraetsch		
25755	San Luis Obispo	Las Yeguas Ranch	11338	1A	SE corner quad	58-D			no paleo info	WJE/RBV		
25756	Santa Barbara	Santa Rosa Hills	11339		Los Amoles Creek	79-I			prob Eocene	Kraetsch		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
25757	San Luis Obispo	Las Yeguas Ranch	11339	1	SE corner quad	58-D			no paleo info	WJE/RBV		
25758	San Luis Obispo	Las Yeguas Ranch	11339	2	SE corner quad	58-D			no paleo info	WJE/RBV		
25759	Santa Barbara	Lompoc Hills	11340		NE of Jalama Rncl	79-I			Eocene	Kraetsch		
25760	San Luis Obispo	Las Yeguas Ranch	11340	4A	not on map	58-D			no paleo info	WJE/RBV		
25761	San Luis Obispo	Las Yeguas Ranch	11341	5A	not on map	58-D			no paleo info	WJE/RBV		
25762	Santa Barbara	Lompoc Hills	11341	A	NE of Jalama Rncl	79-I			U Eocene A-2 zone	Kraetsch		
25763	Santa Barbara	Lompoc Hills	11341	B	NE of Jalama Rncl	79-I			U Eocene A-2 zone	Kraetsch		
25764	Santa Barbara	Lompoc Hills	11342		NE of Jalama Rncl	79-I			U Eocene A-2 zone	Kraetsch		
25765	San Luis Obispo	Las Yeguas Ranch	11342	1	E of cottonwood S	58-D			no paleo info	WJE/RBV		
25766	San Luis Obispo	Las Yeguas Ranch	11342	2	E of cottonwood S	58-D			no paleo info	Kraetsch		
25767	San Luis Obispo	Las Yeguas Ranch	11342	3	E of cottonwood S	58-D			no paleo info	WJE/RBV		
25768	Kern	Las Yeguas Ranch	11343	9A	Near Wygal Spr	58-D			no paleo info	Kraetsch		
25769	Santa Barbara	Lompoc Hills	11343	A	NE of Jalama Rncl	79-I			not diagnostic	Kraetsch		
25770	Santa Barbara	Lompoc Hills	11343	B	NE of Jalama Rncl	79-I			not diagnostic	Kraetsch		
25771	Kern	Las Yeguas Ranch	11344	10A	Las Yeguas Creek	58-D			no paleo info	WJE/RBV		
25772	Kern	Las Yeguas Ranch	11345	11A	Las Yeguas Creek	58-D			no paleo info	WJE/RBV		
25773	Santa Barbara	Lompoc Hills	11345		NE of Jalama Rncl	79-I			U Eocene A-1 zone	Kraetsch		
25774	Santa Barbara	Lompoc Hills	11346		Jalama Road	79-I			not diagnostic	Kraetsch		
25775	Santa Barbara	Lompoc Hills	11347		Jalama Road	79-I			Eocene	Kraetsch		
25776	Santa Barbara	Lompoc Hills	11348		Jalama School	79-I			not diagnostic	Kraetsch		
25777	Contra Costa	Richmond	11351	A	Berkeley Hills	202-B	W of S Pablo Res	Tice?	Upper Miocene	Lyons		
25778	Santa Barbara	Santa Rosa Hills	11353		Cabrillo Hwy	79-I			Eocene	Kraetsch		
25779	Santa Barbara	Santa Rosa Hills	11355		E of Amoles Ck	79-I			Eocene A-2 zone	Kraetsch		
25780	Santa Barbara	Santa Rosa Hills	11356		Amoles Creek	79-I			Eocene A zone	Kraetsch		
25781	Santa Barbara	Santa Rosa Hills	11358		Amoles Creek	79-I			U Cret E/F zones	Kraetsch		
25782	Santa Barbara	Santa Rosa Hills	11359		Cabrillo Hwy	79-I			Eocene A-1 zone	Kraetsch		
25783	Santa Barbara	Santa Rosa Hills	11360		S of Ytias Creek	79-I			not diagnostic	Kraetsch		
25784	Santa Barbara	Santa Rosa Hills	11361		S of Ytias Creek	79-J			Narizian/Refugian	Kraetsch		
25785	Santa Barbara	Santa Rosa Hills	11365		SW corner of quad	79-J			Paleocene/Eocene	Kraetsch		
25786	Santa Barbara	Tranquillon Mountain	11366	A	E of Tranq. Mtn	79-J			not diagnostic	Kraetsch		
25787	Santa Barbara	Tranquillon Mountain	11366	A-RW	E of Tranq. Mtn	79-I	see # 11050		not diagnostic	Kraetsch		
25788	Santa Barbara	Tranquillon Mountain	11366	B	E of Tranq. Mtn	79-J			not diagnostic	Kraetsch		
25789	Santa Barbara	Tranquillon Mountain	11367	A	Canada del Rodeo	79-J		abun planktics	Eocene A-2 zone	Kraetsch		
25790	Santa Barbara	Tranquillon Mountain	11367	B	Canada del Rodeo	79-J		abun planktics	Eocene A-2 zone	Kraetsch		
25791	Santa Barbara	Tranquillon Mountain	11368		NE of Sudden Ran	79-J			not diagnostic	Kraetsch		
25792	Santa Barbara	Santa Ynez	11369		Quiota Creek	79-J	Los Olivos 15'		Zemorian	Kraetsch		
25793	Fresno	Smith Mountain	11369		NE corner of quad	120-B	Priest Valley 15'	see # 23150	no paleo info	Richardsn		
25794	Fresno	Smith Mountain	11369	RW	NE corner of quad	120-B	Priest Valley 15'	see # 23150	no paleo info	Richardsn		
25795	Fresno	Smith Mountain	11369	RW	NE corner of quad	260-H	Priest Valley 15'	see # 23150	Cretaceous	Richardsn		
25796	Kern	Rio Bravo Ranch	11371		SE part of quad	164-N			barren	Kraetsch		
25797	Kern	Rio Bravo Ranch	11372		SE part of quad	164-N			Miocene	Kraetsch		
25798	Kern	Rio Bravo Ranch	11374		SE part of quad	164-N			Saucesian	Kraetsch		
25799	Kern	Rio Bravo Ranch	11375		SE part of quad	164-N			Luisian	Kraetsch		
25800	Santa Barbara	Lake Cachuma	11379		EC part of quad	79-J			Saucesian	Kraetsch		
25801	Santa Barbara	San Marcos Pass	11397	1	center of quad	250-B	S Rafael Mtn 15'	slides say	not diagnostic	Owens		
25802	Santa Barbara	San Marcos Pass	11397	2	center of quad	250-B	S Rafael Mtn 15'	Dagney Gap	not diagnostic	Owens		
25803	Santa Barbara	San Marcos Pass	11397	3	center of quad	250-B	S Rafael Mtn 15'	slides say	not diagnostic	Owens		
25804	Santa Barbara	San Marcos Pass	11397	4	center of quad	250-B	S Rafael Mtn 15'	Dagney Gap	not diagnostic	Owens		
25805	Santa Barbara	San Rafael Mountain	11420		Santa Cruz Creek	79-J	S Rafael Mtn 15'		Relizian	Kraetsch		
25806	Monterey	Point Sur	11433		Little Sur River	161-J		molds only	Lower Miocene	Brooke		
25807	Monterey	Point Sur	11434		Little Sur River	161-J			poss Saucesian	Flege		
25808	San Benito	Tres Pinos	11437		Bolado Park	165-F	Hollister 15'	com planktics	Eocene/Paleocene	Flege		
25809	San Benito	Tres Pinos	11437	RS	Bolado Park	165-F	Hollister 15'		Eocene/Paleocene	Flege		
25810	San Benito	Tres Pinos	11438		Bolado Park	165-F	Hollister 15'		Eocene/Paleocene	Flege		
25811	San Benito	Paicines	11439		NE part of quad	165-F	Gonzales 15'	6/14S/7E SLP	Eocene A zone	Flege		
25812	San Benito	Paicines	11439	RW	NE part of quad	165-F	Gonzales 15'		Eocene A zone	Flege		
25813	Monterey	Point Sur	11445		Little Sur River	48-F			Upper Mohnian			
25814	Monterey	Big Sur	11447		Little River hill	48-F	Point Sur 15'		Lower Miocene			
25815	Monterey	Point Sur	11448		Little Sur River	48-F			Upper Mohnian			
25816	San Luis Obispo	Adelaida	11449		Peachy Cyn Road	155-N			Luisian			
25817	San Luis Obispo	Adelaida	11450		Peachy Cyn Road	155-N		com planktics	Relizian			
25818	San Luis Obispo	Templeton	11451		EC part of quad	155-N			Middle Miocene			
25819	San Luis Obispo	York Mountain	11453		center of quad	155-N		abun ostracod	not diagnostic			
25820	San Luis Obispo	York Mountain	11454		SW of Oakdale Sc	155-N			Upper Relizian			
25821	San Luis Obispo	York Mountain	11455		center of quad	155-N			Lower Relizian			
25822	San Luis Obispo	York Mountain	11456		center of quad	155-N			prob Relizian			
25823	San Luis Obispo	York Mountain	11457		center of quad	155-N		age on pecten	Lower Miocene			
25824	San Luis Obispo	York Mountain	11458		center of quad	155-N			Middle Miocene			
25825	San Luis Obispo	York Mountain	11459		center of quad	155-N		com planktics	Middle Miocene			
25826	San Luis Obispo	York Mountain	11460		S of Summit Schl	128-N			Relizian	Kistler		
25827	Santa Barbara	San Marcos Pass	11461		NE of Loma Alta	79-J			Relizian	Kraetsch		
25828	Santa Barbara	San Marcos Pass	11462		NE of Loma Alta	79-J			Luisian	Kraetsch		
25829	Santa Barbara	San Marcos Pass	11463		Los Prietos Camp	79-J			Saucesian	Kraetsch		
25830	Santa Barbara	Lake Cachuma	11465		S Marcos Pass Rd	79-J			Saucesian	Kraetsch		
25831	Santa Barbara	Lake Cachuma	11466		S Marcos Pass Rd	79-J			Relizian	Kraetsch		
25832	Santa Barbara	Lake Cachuma	11467		S Marcos Pass Rd	79-J			Upper Mohnian	Kraetsch		
25833	Santa Barbara	Lake Cachuma	11468		DeVaul Canyon	79-J			Relizian	Kraetsch		
25834	Santa Barbara	Lake Cachuma	11469		S Marcos Pass Rd	79-J		rubber casts	Upper Miocene	Kraetsch		
25835	Santa Barbara	Lake Cachuma	11470		S of Lake Cachum	79-J			Saucesian	Kraetsch		
25836	Merced	Laguna Seca Ranch	11470		NW part of quad	177-M	Ortogonalita Peak 15'	age from map	U Cret pseudo G-1	Reber		
25837	Santa Barbara	Lake Cachuma	11471		S of Lake Cachum	79-J			not diagnostic	Kraetsch		
25838	Merced	San Luis Dam	11471	1	N of S Luis Ranch	177-M	Pacheco Pass 15'		no paleo info	Reber		
25839	Merced	San Luis Dam	11471	2	N of S Luis Ranch	177-M	Pacheco Pass 15'		no paleo info	Reber		
25840	Merced	San Luis Dam	11471	3	N of S Luis Ranch	177-M	Pacheco Pass 15'		no paleo info	Reber		
25841	Merced	San Luis Dam	11471	4	N of S Luis Ranch	177-M	Pacheco Pass 15'		no paleo info	Reber		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ONE/SERIES/AG	COLLECTORS		
25842	Merced	San Luis Dam	11471	6	N of S Luis Ranch	177-M	Pacheco Pass 15'		no paleo info	Reber		
25843	Merced	San Luis Dam	11471	7	N of S Luis Ranch	177-M	Pacheco Pass 15'		no paleo info	Reber		
25844	Merced	San Luis Dam	11471	8	N of S Luis Ranch	177-M	Pacheco Pass 15'		no paleo info	Reber		
25845	Merced	San Luis Dam	11471	9	N of S Luis Ranch	177-M	Pacheco Pass 15'		no paleo info	Reber		
25846	Merced	Pacheco Pass	11471	10	Cottonwood Ck	177-M	Pacheco Pass 15'		no paleo info	Reber		
25847	Merced	Pacheco Pass	11471	11	Cottonwood Ck	177-M	Pacheco Pass 15'		no paleo info	Reber		
25848	Santa Barbara	Lake Cachuma	11473		E of Camp Drake	79-J			Saucesian	Kraetsch		
25849	Monterey	Big Sur	11477		S of Little river HI	70-J	Point Sur 15'		Lower Miocene	Flege		
25850	Monterey	Point Sur	11478		Little Sur River	70-J	Point Sur 15'		not diagnostic	Flege		
25851	Monterey	Point Sur	11479		Little Sur River	70-J	Point Sur 15'		not diagnostic	Flege		
25852	San Luis Obispo	Templeton	11481		SW of Templeton	79-J	Paso Robles 15'		Luisian	Kistler		
25853	San Luis Obispo	Templeton	11482		S of Templeton	79-J	Paso Robles 15'		Middle Miocene	Kistler		
25854	San Luis Obispo	Templeton	11483		S of Templeton	79-J	Paso Robles 15'		Luisian	Kistler		
25855	San Luis Obispo	Nipomo	11484		S of Templeton	79-J	Nipomo 15'		Middle Miocene	Kistler		
25856	San Luis Obispo	Nipomo	11485		Asuncion	79-J	Nipomo 15'		not diagnostic	Kistler		
25857	San Luis Obispo	Nipomo	11486		S of Loma Pelona	79-J	Nipomo 15'	limestone	Miocene	Moberly		
25858	San Luis Obispo	Pismo Beach	11493		SE part of quad	191-B	Arroyo Grande 15'	fair fauna	no paleo info	GSA 1967		
25859	San Luis Obispo	McKittrick Summit	11498	11	Carrizo Plains	224-G	Simmler 15'	Seismic E-29	Luisian			
25860	San Luis Obispo	McKittrick Summit	11498	13	Carrizo Plains	224-G	Simmler 15'	area K-8	Luisian			
25861	San Luis Obispo	McKittrick Summit	11498	85	Carrizo Plains	224-G	Simmler 15'	Seismic E-29	poss Relizian			
25862	San Luis Obispo	McKittrick Summit	11498	86	Carrizo Plains	224-G	Simmler 15'	Seismic E-29	poss Relizian			
25863	San Luis Obispo	McKittrick Summit	11499	1	Carrizo Plains	224-G	Simmler 15'	Seismic E-30	Middle Miocene			
25864	San Luis Obispo	McKittrick Summit	11499	2	Carrizo Plains	224-G	Simmler 15'	area K-8	Middle Miocene			
25865	San Luis Obispo	McKittrick Summit	11499	3	Carrizo Plains	224-G	Simmler 15'	Seismic E-30	Middle Miocene			
25866	San Luis Obispo	McKittrick Summit	11499	6	Carrizo Plains	224-G	Simmler 15'	Seismic E-30	Middle Miocene			
25867	San Luis Obispo	Painted Rock	11499	11	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	Middle Miocene			
25868	San Luis Obispo	Painted Rock	11499	13	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	Middle Miocene			
25869	San Luis Obispo	Painted Rock	11499	15	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	Middle Miocene			
25870	San Luis Obispo	Painted Rock	11499	23	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	Middle Miocene			
25871	San Luis Obispo	Painted Rock	11499	26	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	Middle Miocene			
25872	San Luis Obispo	Painted Rock	11499	28	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	Relizian			
25873	San Luis Obispo	Painted Rock	11499	29	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	Relizian			
25874	San Luis Obispo	Painted Rock	11499	32	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	Relizian			
25875	San Luis Obispo	Painted Rock	11499	34	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	Relizian			
25876	San Luis Obispo	Painted Rock	11499	35	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	poss Saucian			
25877	Kings	Garza Peak	11502		Garza Ck	161-G	not on map		Eocene	Meditz		
25878	Kings	Garza Peak	11506		Garza Ck	161-G	not on map		Upper Eocene	Meditz		
25879	Contra Costa	Vine Hill	11514		Vine Hill area	209-H	not on map	nice fauna	no paleo info	Young		
25880	Contra Costa	Vine Hill	11515		Vine Hill area	209-H	not on map	nice fauna	no paleo info	Young		
25881	Contra Costa	Clayton	11520		S of Nortonville	209-H			no paleo info	Young		
25882	Contra Costa	Antioch South	11523		S of Deer Valley	209-H			L Eocene	Young		
25883	Contra Costa	Antioch South	11523	RW	S of Deer Valley	209-H			L Eocene			
25884	Contra Costa	Brentwood	11544	35	not on map	209-H	27/1N/2E (SLP)	Meganos C	Eocene	Young auger		
25885	Contra Costa	Antioch South	11544	40	not on map	209-H	27/1N/2E (SLP)	Meganos C	Eocene	Young auger		
25886	Contra Costa	Antioch South	11544	40B	not on map	209-H	27/1N/2E (SLP)	Meganos C	Eocene	Young auger		
25887	Contra Costa	Antioch South	11544		not on map	209-H	27/1N/2E (SLP)	Meganos C	Eocene	Young auger		
25888	Contra Costa	Antioch South	11545	35	not on map	209-H	27/1N/2E (SLP)	Meganos C	Eocene	Young auger		
25889	Contra Costa	Antioch South	11545	50	not on map	209-H	27/1N/2E (SLP)	Meganos C	Eocene	Young auger		
25890	Contra Costa	Antioch South	11545	59	not on map	209-H	27/1N/2E (SLP)	strat column	Eocene	Young auger		
25891	Contra Costa	Antioch South	11545		not on map	209-H	27/1N/2E (SLP)	Meganos C	Eocene	Young auger		
25892	Contra Costa	Antioch South	11546	5	E Deer Valley	209-H			Eocene	Young auger		
25893	Contra Costa	Antioch South	11546	15	E Deer Valley	209-H			Eocene	Young auger		
25894	Contra Costa	Antioch South	11546	25A	E Deer Valley	209-H			Eocene	Young auger		
25895	Contra Costa	Antioch South	11546	45B	E Deer Valley	209-H			Upper Cretaceous	Young auger		
25896	Contra Costa	Antioch South	11546	30	E Deer Valley	209-H			Upper Cretaceous	Young auger		
25897	Contra Costa	Antioch South	11547	10	E of VABM 757	209-H	28/1N2E (SLP)		Upper Cretaceous	Young auger		
25898	Contra Costa	Antioch South	11547	15	E of VABM 757	209-H	28/1N2E (SLP)		Upper Cretaceous	Young auger		
25899	Contra Costa	Antioch South	11547	30A	E of VABM 757	209-H	28/1N2E (SLP)		Upper Cretaceous	Young auger		
25900	Contra Costa	Antioch South	11547	30B	E of VABM 757	209-H	28/1N2E (SLP)		Upper Cretaceous	Young auger		
25901	Contra Costa	Antioch South	11548	25	E of VABM 757	209-H	28/1N2E (SLP)		Upper Cretaceous	Young auger		
25902	Contra Costa	Antioch South	11548	30	E of VABM 757	209-H	28/1N2E (SLP)		Upper Cretaceous	Young auger		
25903	Contra Costa	Antioch South	11550		E Deer Valley	209-H	7/1S/3E (SLP)		Eocene	Young auger		
25904	Contra Costa	Antioch South	11551	A	E Deer Valley	209-H			Eocene	Young auger		
25905	Contra Costa	Antioch South	11551	B	E Deer Valley	209-H			Eocene	Young auger		
25906	Contra Costa	Antioch South	11552	A	E Deer Valley	209-H			Eocene	Young auger		
25907	Contra Costa	Antioch South	11552	B	E Deer Valley	209-H			Eocene	Young auger		
25908	Contra Costa	Antioch South	11553	A	E Deer Valley	209-H			Eocene	Young auger		
25909	Contra Costa	Antioch South	11553	B	E Deer Valley	209-H			Eocene	Young auger		
25910	Contra Costa	Antioch South	11554	A	E Deer Valley	209-H			Eocene	Young auger		
25911	Contra Costa	Antioch South	11554	B	E Deer Valley	209-H			Eocene	Young auger		
25912	Contra Costa	Antioch South	11555	A	E Deer Valley	209-H			Eocene	Young auger		
25913	Contra Costa	Antioch South	11555	B	E Deer Valley	209-H			Eocene	Young auger		
25914	Contra Costa	Antioch South	11556	1A	W Deer Valley	209-H	13/1N/1E (SLP)	strat column	Eocene	Young auger		
25915	Contra Costa	Antioch South	11556	1B	W Deer Valley	209-H	13/1N/1E (SLP)	Meganos C	Eocene	Young auger		
25916	Contra Costa	Antioch South	11556	1C	W Deer Valley	209-H	13/1N/1E (SLP)	Meganos C	Eocene	Young auger		
25917	Contra Costa	Antioch South	11556	2A	W Deer Valley	209-H	13/1N/1E (SLP)	Meganos C	Eocene	Young auger		
25918	Contra Costa	Antioch South	11556	2B	W Deer Valley	209-H	13/1N/1E (SLP)	Meganos C	Eocene	Young auger		
25919	Contra Costa	Antioch South	11556	3A	W Deer Valley	209-H	13/1N/1E (SLP)	Meganos C	Eocene	Young auger		
25920	Contra Costa	Antioch South	11556	3B	W Deer Valley	209-H	13/1N/1E (SLP)	Meganos C	Eocene	Young auger		
25921	Contra Costa	Antioch South	11556	4A	W Deer Valley	209-H	13/1N/1E (SLP)	Meganos C	Eocene	Young auger		
25922	Contra Costa	Antioch South	11556	4B	W Deer Valley	209-H	13/1N/1E (SLP)	Meganos C	Eocene	Young auger		
25923	Contra Costa	Antioch South	11556	5A	W Deer Valley	209-H	13/1N/1E (SLP)	Meganos C	Eocene	Young auger		
25924	Contra Costa	Antioch South	11556	5B	W Deer Valley	209-H	13/1N/1E (SLP)	Meganos C	Eocene	Young auger		
25925	Contra Costa	Antioch South	11556	6A	W Deer Valley	209-H	13/1N/1E (SLP)	Meganos C	Eocene	Young auger		
25926	Contra Costa	Antioch South	11556	6B	W Deer Valley	209-I	13/1N/1E (SLP)	Meganos C	Eocene	Young auger		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
25927	Contra Costa	Antioch South	11556	7A	W Deer Valley	209-I	13/1N/1E (SLP)	Meganos C	Eocene	Young auger		
25928	Contra Costa	Antioch South	11556	7B	W Deer Valley	209-I	13/1N/1E (SLP)	Meganos C	Eocene	Young auger		
25929	Contra Costa	Antioch South	11556	8A	W Deer Valley	209-I	13/1N/1E (SLP)	Meganos C	Eocene	Young auger		
25930	Contra Costa	Antioch South	11556	8B	W Deer Valley	209-I	13/1N/1E (SLP)	Meganos C	Eocene	Young auger		
25931	Contra Costa	Antioch South	11556	9A	W Deer Valley	209-I	13/1N/1E (SLP)	Meganos C	Eocene	Young auger		
25932	Contra Costa	Antioch South	11556	9B10A	W Deer Valley	209-I	13/1N/1E (SLP)		Eocene	Young auger		
25933	Contra Costa	Antioch South	11556	10A	W Deer Valley	209-I	13/1N/1E (SLP)		Eocene	Young auger		
25934	Contra Costa	Antioch South	11556	10B	W Deer Valley	209-I	13/1N/1E (SLP)		Eocene	Young auger		
25935	Contra Costa	Antioch South	11557	1A	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25936	Contra Costa	Antioch South	11557	1B	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25937	Contra Costa	Antioch South	11557	2A	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25938	Contra Costa	Antioch South	11557	2B	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25939	Contra Costa	Antioch South	11557	3A	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25940	Contra Costa	Antioch South	11557	3B	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25941	Contra Costa	Antioch South	11557	4A	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25942	Contra Costa	Antioch South	11557	4B	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25943	Contra Costa	Antioch South	11557	5A	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25944	Contra Costa	Antioch South	11557	5B	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25945	Contra Costa	Antioch South	11557	6A	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25946	Contra Costa	Antioch South	11557	6B	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25947	Contra Costa	Antioch South	11557	6C	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25948	Contra Costa	Antioch South	11557	7A	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25949	Contra Costa	Antioch South	11557	7B	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25950	Contra Costa	Antioch South	11557	7C	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25951	Contra Costa	Antioch South	11557	8B	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25952	Contra Costa	Antioch South	11557	9A	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25953	Contra Costa	Antioch South	11557	9B10A	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25954	Contra Costa	Antioch South	11557	9C	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25955	Contra Costa	Antioch South	11557	10A	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25956	Contra Costa	Antioch South	11557	10B	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25957	Contra Costa	Antioch South	11557	10C	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25958	Contra Costa	Antioch South	11557	11A	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25959	Contra Costa	Antioch South	11557	11B	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25960	Contra Costa	Antioch South	11557	12A	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25961	Contra Costa	Antioch South	11557	12B	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25962	Contra Costa	Antioch South	11557	13A	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25963	Contra Costa	Antioch South	11557	13B	SE of VABM 757	209-I	28/1N/2E (SLP)		Upper Cretaceous	Young auger		
25964	Contra Costa	Antioch South	11558		SE of VABM 757	209-I	20/1N/1E (SLP)		no paleo info	Young auger		
25965	Stanislaus	Solyo	11559	1A	Ingram Canyon	213-D	3/5S/5E (SLP)	not on map	Upper Cretaceous	Young		
25966	Stanislaus	Solyo	11559	1B	Ingram Canyon	213-D	3/5S/5E (SLP)	not on map	Upper Cretaceous	Young		
25967	Stanislaus	Solyo	11559	1C	Ingram Canyon	213-D	3/5S/5E (SLP)	not on map	Upper Cretaceous	Young		
25968	Stanislaus	Solyo	11560	2A	Ingram Canyon	213-D	2/5S/6E (SLP)	not on map	Upper Cretaceous	Young		
25969	Stanislaus	Solyo	11560	2B	Ingram Canyon	213-D	2/5S/6E (SLP)	not on map	Upper Cretaceous	Young		
25970	Stanislaus	Solyo	11560	2C	Ingram Canyon	213-D	2/5S/6E (SLP)	not on map	Upper Cretaceous	Young		
25971	Stanislaus	Copper Mountain	11561	1A	Del Puerto Creek	213-D	30/5S/7E (SLP)	not on map	Upper Cretaceous	Young		
25972	Stanislaus	Copper Mountain	11561	1B	Del Puerto Creek	213-D	30/5S/7E (SLP)	not on map	Upper Cretaceous	Young		
25973	Stanislaus	Copper Mountain	11562	2A	Del Puerto Creek	213-D	20/5S/7E (SLP)	not on map	Cret/Paleocene	Young		
25974	Stanislaus	Copper Mountain	11562	2B	Del Puerto Creek	213-D	20/5S/7E (SLP)	not on map	no paleo info	Young		
25975	Stanislaus	Copper Mountain	11562	2C	Del Puerto Creek	213-D	20/5S/7E (SLP)	not on map	no paleo info	Young		
25976	Contra Costa	Vine Hill	11563	A	Pacheco Creek	213-D	SLURP age	not on map	Upper Eocene?	Young		
25977	Contra Costa	Vine Hill	11563	B	Pacheco Creek	213-D	SLURP age	not on map	Upper Eocene?	Young		
25978	Contra Costa	Vine Hill	11563	C	Pacheco Creek	213-D	SLURP age	not on map	Upper Eocene?	Young		
25979	Contra Costa	Vine Hill	11563	D	Pacheco Creek	213-D	SLURP age	not on map	Upper Eocene?	Young		
25980	Contra Costa	Clayton	11564		W of Clayton	226-E	8/1N/1W (SLP)	SLURP age	Lower Cretaceous	Huppi		
25981	Contra Costa	Clayton	11564	A	W of Clayton	226-E	8/1N/1W (SLP)	SLURP age	Lower Cretaceous	Huppi		
25982	Contra Costa	Clayton	11565		W of Clayton	226-E	17/1N/1W (SLP)	SLURP age	Lower Cretaceous	Huppi		
25983	Contra Costa	Clayton	11566		Mt Diablo	226-E	17/1N/1W (SLP)	SLURP age	Lower Cretaceous	Huppi		
25984	Contra Costa	Clayton	11567		Mt Diablo	226-E	8/1N/1W (SLP)	SLURP age	Lower Cretaceous	Huppi		
25985	Contra Costa	Clayton	11569		Mt Diablo	226-E	5/1N/1W (SLP)	SLURP age	Tertiary	Huppi		
25986	Contra Costa	Clayton	11570		Mt Diablo	226-E	5/1N/1W (SLP)	SLURP age	not diagnostic	Huppi		
25987	Contra Costa	Clayton	11571		Mt Diablo	226-E	17/1N/1W (SLP)	SLURP age	no paleo info	Huppi		
25988	Contra Costa	Clayton	11572		W of Clayton	226-E	9/1N/1W (SLP)	SLURP age	Lower Cretaceous	Huppi		
25989	Contra Costa	Clayton	11572	A	W of Clayton	226-E	9/1N/1W (SLP)	SLURP age	Lower Cretaceous	Huppi		
25990	Contra Costa	Clayton	11573		W of Clayton	226-E	10/1N/1W (SLP)	SLURP age	Lower Cretaceous	Huppi		
25991	Contra Costa	Clayton	11574		not found	226-E	9/1N/1W (SLP)	SLURP age	not diagnostic	Huppi		
25992	Contra Costa	Clayton	11575		Mt Diablo	226-E	9/1N/1W (SLP)	SLURP age	not diagnostic	Huppi		
25993	Alameda	Byron Hot Springs	11580		Brushy Ck	226-C	8/2S/3E (SLP)		poss U Cret F-2	Colburn		
25994	Alameda	Byron Hot Springs	11581		Brushy Ck	226-C	8/2S/3E (SLP)		U Cret F/G zones	Colburn		
25995	Alameda	Byron Hot Springs	11582		Brushy Ck	226-C	17/2S/3E (SLP)		U Cret G-1 zone	Colburn		
25996	Alameda	Byron Hot Springs	11583		Mt Diablo	226-C	8/2S/3E (SLP)		not diagnostic	Colburn		
25997	Alameda	Byron Hot Springs	11584		Mt Diablo	226-C	8/2S/2E (SLP)		not diagnostic	Colburn		
25998	Alameda	Byron Hot Springs	11585		Mt Diablo	226-C	8/2S/2E (SLP)		U Cret F/G zones	Colburn		
25999	Alameda	Byron Hot Springs	11586		Brushy Ck	226-C	8/2S/3E (SLP)		U Cret F-2 zone	Colburn		
26000	Alameda	Byron Hot Springs	11588		Mt Diablo	226-C	8/2S/2E (SLP)		prob U Cret F-2	Colburn		
26001	Alameda	Byron Hot Springs	11590		Brushy Ck	226-C	17/2S/3E (SLP)		U Cret F/G zones	Colburn		
26002	Alameda	Byron Hot Springs	11592		Brushy Ck	226-C	17/2S/3E (SLP)		U Cret F/G zones	Colburn		
26003	Alameda	Byron Hot Springs	11595		Vasco Road	226-C	15/2S/2E (SLP)		U Cret F-2 zone	Colburn		
26004	Alameda	Byron Hot Springs	11597		Vasco Road	226-C	10/2S/2E (SLP)		U Cret G-2 zone	Colburn		
26005	Contra Costa	Byron Hot Springs	11598		Vasco Road	226-C	10/2S/2E (SLP)		U Cret G-2 zone	Colburn		
26006	Santa Barbara	Lake Cachuma	11600		Santa Ynez River	79-J			Relizian	Kraetsch		
26007	Kern	Carneros Rocks	11600	1	Zemorra Creek	179-B	Ages from strat	trench	Saucesian	Christen.		
26008	Kern	Carneros Rocks	11600	3	Zemorra Creek	179-B	column	trench	Saucesian	Christen.		
26009	Kern	Carneros Rocks	11600	4	Zemorra Creek	179-B		trench	Saucesian	Christen.		
26010	Kern	Carneros Rocks	11600	5	Zemorra Creek	179-B		trench	Saucesian	Christen.		
26011	Kern	Carneros Rocks	11600	6	Zemorra Creek	179-B		trench	Saucesian	Christen.		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
26097	Kern	Carneros Rocks	11601	114	Zemorra Creek	179-C			ditto	Christen.		
26098	Kern	Carneros Rocks	11601	115	Zemorra Creek	179-C			ditto	Christen.		
26099	Kern	Carneros Rocks	11601	115	Zemorra Creek	179-C			ditto	Christen.		
26100	Kern	Carneros Rocks	11601	116	Zemorra Creek	179-C			ditto	Christen.		
26101	Santa Barbara	San Marcos Pass	11601		San Marcos Ranch	79-J			Eocene	Kraetsch		
26102	Santa Barbara	San Marcos Pass	11602		Oso Canyon	79-J			Luisian	Kraetsch		
26103	Kern	Carneros Rocks	11602	1	Carneros Creek	71-G	paleo info inferred	not on map	not diagnostic			
26104	Kern	Carneros Rocks	11602	2	Carneros Creek	71-G	from strat column	not on map	not diagnostic			
26105	Kern	Carneros Rocks	11602	3	Carneros Creek	71-G		not on map	not diagnostic			
26106	Kern	Carneros Rocks	11602	4	Carneros Creek	71-G		not on map	not diagnostic			
26107	Kern	Carneros Rocks	11602	5	Carneros Creek	71-G		not on map	not diagnostic			
26108	Kern	Carneros Rocks	11602	10	Carneros Creek	71-G		not on map	not diagnostic			
26109	Kern	Carneros Rocks	11602	14	Carneros Creek	71-G		not on map	Saucesian			
26110	Kern	Carneros Rocks	11602	15	Carneros Creek	71-G		not on map	Saucesian			
26111	Kern	Carneros Rocks	11602	16	Carneros Creek	71-G		not on map	Saucesian			
26112	Kern	Carneros Rocks	11602	17	Carneros Creek	71-G		not on map	Saucesian			
26113	Kern	Carneros Rocks	11602	18	Carneros Creek	71-G		not on map	Saucesian			
26114	Kern	Carneros Rocks	11602	19	Carneros Creek	71-G		not on map	Saucesian			
26115	Kern	Carneros Rocks	11602	20	Carneros Creek	71-G		not on map	Saucesian			
26116	Kern	Carneros Rocks	11602	21	Carneros Creek	71-G		not on map	Saucesian			
26117	Kern	Carneros Rocks	11602	29	Carneros Creek	71-G		not on map	Saucesian			
26118	Kern	Carneros Rocks	11602	30	Carneros Creek	71-G		not on map	Saucesian			
26119	Kern	Carneros Rocks	11602	31	Carneros Creek	71-G		not on map	Saucesian			
26120	Kern	Carneros Rocks	11602	32	Carneros Creek	71-G		not on map	Saucesian			
26121	Kern	Carneros Rocks	11602	40	Carneros Creek	71-G		not on map	Saucesian			
26122	Kern	Carneros Rocks	11602	48	Carneros Creek	71-G		not on map	Zemorrian			
26123	Kern	Carneros Rocks	11602	49	Carneros Creek	71-G		not on map	Zemorrian			
26124	Kern	Carneros Rocks	11602	50	Carneros Creek	71-G		not on map	Zemorrian			
26125	Kern	Carneros Rocks	11602	51	Carneros Creek	71-G		not on map	Zemorrian			
26126	Kern	Carneros Rocks	11602	52	Carneros Creek	71-G		not on map	Zemorrian			
26127	Kern	Carneros Rocks	11602	53	Carneros Creek	71-G		not on map	Zemorrian			
26128	Kern	Carneros Rocks	11602	54	Carneros Creek	71-G		not on map	Zemorrian			
26129	Kern	Carneros Rocks	11602	55	Carneros Creek	71-G		not on map	Zemorrian			
26130	Kern	Carneros Rocks	11602	56	Carneros Creek	71-G		not on map	Zemorrian			
26131	Kern	Carneros Rocks	11602	58	Carneros Creek	71-G		not on map	Zemorrian			
26132	Kern	Carneros Rocks	11602	60	Carneros Creek	71-G		not on map	Zemorrian			
26133	San Luis Obispo	Caliente Mountain	11603	1	Cuyama Valley	68-K	Caliente Mtn 15'		no paleo info	Fritts		
26134	San Luis Obispo	Caliente Mountain	11603	2	Cuyama Valley	68-K	Caliente Mtn 15'		no paleo info	Fritts		
26135	Santa Barbara	San Marcos Pass	11603		Oso Canyon	79-J			Lower Mohnian	Kraetsch		
26136	Santa Barbara	San Marcos Pass	11604		Oso Canyon	79-J			Lower Mohnian	Kraetsch		
26137	San Luis Obispo	Caliente Mountain	11605	1	Morales Canyon	68-K	Caliente Mtn 15'		no paleo info	Fritts		
26138	San Luis Obispo	Caliente Mountain	11605	2	Morales Canyon	68-K	Caliente Mtn 15'		no paleo info	Fritts		
26139	San Luis Obispo	San Luis Obispo	11605		center of quad	79-J	S Luis Obispo 15'	rubber casts	prob Zemorrian	Kraetsch		
26140	San Luis Obispo	San Luis Obispo	11606		center of quad	79-J	S Luis Obispo 15'		Zemorrian	Kraetsch		
26141	San Luis Obispo	Caliente Mountain	11606	1	Morales Canyon	68-K	Caliente Mtn 15'		no paleo info	Fritts		
26142	San Luis Obispo	Caliente Mountain	11607	1	not found	68-K	Caliente Mtn 15'	rich fauna	no paleo info	Fritts		
26143	San Luis Obispo	Morro Bay North	11607		Toro Creek	79-J	Cayucos 15'	age from map	Zemorrian	Kraetsch		
26144	San Luis Obispo	Morro Bay North	11608		Toro Creek	79-J	Cayucos 15'	age from map	not diagnostic	Kraetsch		
26145	San Luis Obispo	Caliente Mountain	11608	1	Morales Canyon	68-K	Caliente Mtn 15'		no paleo info	Fritts		
26146	San Luis Obispo	Caliente Mountain	11609	2	Cuyama River	68-K	Caliente Mtn 15'		no paleo info	Fritts		
26147	San Luis Obispo	Wells Ranch	11609		N of Padrones Cyr	79-J	sa Morro Bay N	com planktics	Zemorrian	Kraetsch		
26148	San Luis Obispo	Cypress Mountain?	11610		not on map	79-J		abun Siph	Zemorrian	Kraetsch		
26149	Humboldt	Scotia	11610	1A	bank of Eel River	50-J	Scotia 15'		Cret/Paleocene	Lyons		
26150	Humboldt	Scotia	11610	1B	bank of Eel River	50-J	Scotia 15'		Cret/Paleocene	Lyons		
26151	Humboldt	Scotia	11610	2	bank of Eel River	50-J	Scotia 15'		Cret/Paleocene	Lyons		
26152	Humboldt	Capetown	11611	1	N of Petrolia	50-J	Cp Mendocino 15'		poss Pliocene	Lyons		
26153	Humboldt	Capetown	11611	2	N of Petrolia	50-J	Cp Mendocino 15'		poss Pliocene	Lyons		
26154	San Luis Obispo	Cypress Mountain	11611		Santa Rosa Creek	79-J			prob Zemorrian	Kraetsch		
26155	San Luis Obispo	Cypress Mountain	11612		Santa Rosa Creek	79-J			not diagnostic	Kraetsch		
26156	Humboldt	Capetown	11612	1A	Davis Creek	50-J	Cp Mendocino 15'		Miocene/Pliocene	Lyons		
26157	Humboldt	Capetown	11612	1B	Davis Creek	50-J	Cp Mendocino 15'		not diagnostic	Lyons		
26158	Humboldt	Capetown	11612	2	Davis Creek	50-J	Cp Mendocino 15'		not diagnostic	Lyons		
26159	Kern	Tejon Hills	11613		NE part of quad	79-J		Obispo tuff	Zemorrian	Kraetsch		
26160	Kern	Tejon Hills	11614		NE part of quad	79-J		Obispo tuff	Zemorrian	Kraetsch		
26161	San Luis Obispo	San Luis Obispo	11615		E of Serrano	79-J	S Luis Obispo 15'		Zemorrian	Kraetsch		
26162	Kern	Eagle Rest Peak	11616	1	San Emigdio Creek	197-K	have strat column		not diagnostic	Miller &		
26163	Kern	Eagle Rest Peak	11616	2	San Emigdio Creek	197-K	have strat column		not diagnostic	Miller &		
26164	Kern	Eagle Rest Peak	11616	3	San Emigdio Creek	197-K	have strat column		not diagnostic	Miller &		
26165	Kern	Eagle Rest Peak	11616	6	San Emigdio Creek	197-K	have strat column		not diagnostic	Miller &		
26166	Kern	Eagle Rest Peak	11616	10	San Emigdio Creek	197-K	have strat column		not diagnostic	Miller &		
26167	Kern	Eagle Rest Peak	11616	19	San Emigdio Creek	197-K	have strat column		not diagnostic	Miller &		
26168	Kern	Eagle Rest Peak	11616	20	San Emigdio Creek	197-K	have strat column		Lower Zemorrian	Miller &		
26169	Kern	Eagle Rest Peak	11616	24	San Emigdio Creek	197-K	have strat column		not diagnostic	Miller &		
26170	Kern	Eagle Rest Peak	11616	25	San Emigdio Creek	197-K	have strat column		not diagnostic	Miller &		
26171	Kern	Eagle Rest Peak	11616	26	San Emigdio Creek	197-K	have strat column		poss Zemorrian	Miller &		
26172	Kern	Eagle Rest Peak	11616	28	San Emigdio Creek	197-K	have strat column		poss Eocene	Miller &		
26173	Kern	Eagle Rest Peak	11616	29	San Emigdio Creek	197-K	have strat column		poss Eocene	Miller &		
26174	Kern	Eagle Rest Peak	11616	31	San Emigdio Creek	197-K	have strat column		poss Eocene	Miller &		
26175	Kern	Eagle Rest Peak	11616	32	San Emigdio Creek	197-K	have strat column		not diagnostic	Miller &		
26176	Kern	Eagle Rest Peak	11616	33	San Emigdio Creek	197-K	have strat column		not diagnostic	Miller &		
26177	Santa Barbara	Santa Ynez	11616		Wons Creek	79-K	Los Olivos 15'		Zemorrian	Kraetsch		
26178	Santa Barbara	Lake Cachuma	11617		Tequopsis Canyon	79-K			Miocene	Kraetsch		
26179	Kern	Eagle Rest Peak	11617	4	Devils Kitchen	197-K	have strat column		no paleo info			
26180	Kern	Eagle Rest Peak	11617	5	Devils Kitchen	197-K	have strat column		no paleo info			
26181	Santa Barbara	San Marcos Pass	11618		center of quad	79-K			not diagnostic	Kraetsch		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS		ONE/SERIES/AGI	COLLECTORS		
26182	Santa Barbara	Hildreth Peak	11619		Camuesa	79-K	Gibraltar Dam 15'		Lower Mohnian	Kraetsch		
26183	Kern	Eagle Rest Peak	11619	3	Los Lobos Creek	197-K	have strat column		not diagnostic			
26184	Kern	Eagle Rest Peak	11619	8	Los Lobos Creek	197-K	have strat column		not diagnostic			
26185	Kern	Eagle Rest Peak	11619	12	Los Lobos Creek	197-K	have strat column		not diagnostic			
26186	Kern	Eagle Rest Peak	11619	14	Los Lobos Creek	197-K	have strat column		not diagnostic			
26187	Kern	Eagle Rest Peak	11619	16	Los Lobos Creek	197-K	have strat column		not diagnostic			
26188	Kern	Eagle Rest Peak	11619	19	Los Lobos Creek	197-K	have strat column		not diagnostic			
26189	Kern	Eagle Rest Peak	11619	26	Los Lobos Creek	197-K	have strat column		not diagnostic			
26190	Kern	Eagle Rest Peak	11619	29	Los Lobos Creek	197-K	have strat column		not diagnostic			
26191	Kern	Santiago Creek	11620	7	E of Muddy Creek	197-K	have strat column		not diagnostic			
26192	Kern	Santiago Creek	11620	9	E of Muddy Creek	197-K	have strat column		not diagnostic			
26193	Kern	Santiago Creek	11620	10	E of Muddy Creek	197-K	have strat column		Refugian			
26194	Santa Barbara	Hildreth Peak	11620		Camuesa	79-K	Gibraltar Dam 15'		not diagnostic	Kraetsch		
26195	Santa Barbara	Little Pine Mountain	11621		EC part of quad	79-K	Gibraltar Dam 15'		Relizian	Kraetsch		
26196	Santa Barbara	Little Pine Mountain	11622		Devils Canyon	79-K	Gibraltar Dam 15'		Relizian	Kraetsch		
26197	Kern	Santiago Creek	11622	1	Muddy Creek	197-K	have strat column		Eocene			
26198	Kern	Santiago Creek	11622	2	Muddy Creek	197-K	have strat column		not diagnostic			
26199	Kern	Santiago Creek	11622	4	Muddy Creek	197-K	have strat column		not diagnostic			
26200	Kern	Santiago Creek	11622	6	Muddy Creek	197-K	have strat column		not diagnostic			
26201	Kern	Santiago Creek	11622	7	Muddy Creek	197-K	have strat column		not diagnostic			
26202	Kern	Santiago Creek	11622	13A	Muddy Creek	197-K	have strat column		not diagnostic			
26203	Kern	Santiago Creek	11622	14	Muddy Creek	197-K	have strat column		not diagnostic			
26204	Santa Barbara	Little Pine Mountain	11623		Devils Canyon	79-K	Gibraltar Dam 15'	abun ostracod	prob Saucesian	Kraetsch		
26205	Kern	Santiago Creek	11623	16	Muddy Creek	197-K	have strat column		not diagnostic			
26206	Kern	Santiago Creek	11623	19	Muddy Creek	197-K	have strat column		not diagnostic			
26207	Kern	Santiago Creek	11623	25	Muddy Creek	197-K	have strat column		not diagnostic			
26208	Kern	Santiago Creek	11623	27	Muddy Creek	197-K	have strat column		not diagnostic			
26209	Kern	Santiago Creek	11623	28	Muddy Creek	197-K	have strat column		not diagnostic			
26210	Kern	Santiago Creek	11623	30	Muddy Creek	197-L	have strat column		not diagnostic			
26211	Kern	Santiago Creek	11623	33	Muddy Creek	197-L	have strat column		not diagnostic			
26212	Kern	Santiago Creek	11623	34	Muddy Creek	197-L	have strat column		not diagnostic			
26213	Kern	Santiago Creek	11623	35	Muddy Creek	197-L	have strat column		not diagnostic			
26214	Kern	Santiago Creek	11623	36	Muddy Creek	197-L	have strat column		not diagnostic			
26215	Kern	Santiago Creek	11623	37	Muddy Creek	197-L	have strat column		not diagnostic			
26216	Kern	Santiago Creek	11623	39	Muddy Creek	197-L	have strat column		Zemorrian			
26217	Kern	Santiago Creek	11623	41	Muddy Creek	197-L	have strat column		Zemorrian			
26218	Kern	Santiago Creek	11623	42	Muddy Creek	197-L	have strat column		Zemorrian			
26219	Kern	Santiago Creek	11623	45	Muddy Creek	197-L	have strat column		not diagnostic			
26220	Kern	Santiago Creek	11623	46	Muddy Creek	197-L	have strat column		not diagnostic			
26221	Santa Barbara	Santa Ynez	11625		Santa Ynez River	79-K	Los Olivos 15'		Luisian	Hoheisel		
26222	Kern	Maricopa	11636	3	SW corner of quad	211-I			no paleo info	Espensch.		
26223	Kern	Maricopa	11636	4	SW corner of quad	211-I			no paleo info	Espensch.		
26224	Kern	Maricopa	11636	5	SW corner of quad	211-I			no paleo info	Espensch.		
26225	Kern	Maricopa	11645	2	W of Hazelton	211-I	NW of Bitterwater	Creek	no paleo info			
26226	Kern	Maricopa	11645	3	W of Hazelton	211-I	NW of Bitterwater	Creek	no paleo info			
26227	Kern	Maricopa	11646	2	W of Hazelton	211-I	NW of Bitterwater	Creek	Lower Mohnian			
26228	Kern	Maricopa	11647	2	W of Hazelton	211-I			barren			
26229	Kern	Maricopa	11647	3	W of Hazelton	211-I			barren			
26230	Kern	Maricopa	11648		SW of Maricopa	211-I			probably Luisian			
26231	San Luis Obispo	Atascadero	11653		not on map	128-N	not on map	rubber casts	Lower Mohnian	Kistler		
26232	San Luis Obispo	Atascadero	11654		not on map	84-K	S Luis Obispo 15'		Luisian			
26233	San Luis Obispo	Atascadero	11655		S of Atascadero	84-K	S Luis Obispo 15'		Lower Mohnian			
26234	San Luis Obispo	Atascadero	11656		S of Atascadero	84-K	S Luis Obispo 15'		Lower Mohnian			
26235	San Luis Obispo	Atascadero	11657		not on map	84-K	S Luis Obispo 15'		not diagnostic			
26236	San Luis Obispo	Atascadero	11658		E of Atascadero	84-K	S Luis Obispo 15'		Lower Mohnian			
26237	San Luis Obispo	Atascadero	11659		not on map	84-K	S Luis Obispo 15'		Lower Mohnian			
26238	San Luis Obispo	Atascadero	11660		SE of Atascadero	123-J	S Luis Obispo 15'	diatoms	barren	Kistler		
26239	San Luis Obispo	Atascadero	11661		SE of Atascadero	123-J	S Luis Obispo 15'		Mohnian	Kistler		
26240	San Luis Obispo	Atascadero	11662		Salinas River	123-J	S Luis Obispo 15'		prob U Miocene	Kistler		
26241	San Luis Obispo	Atascadero	11665		S of Atascadero	123-J	S Luis Obispo 15'		no paleo info	Kistler		
26242	San Benito	San Benito	11677		NE of Bald Mtn	157-M	San Benito 15'		prob Refugian	Flege		
26243	San Benito	San Benito	11678		Upper Butts Ranch	157-M	San Benito 15'		U Eocene A zone	Flege		
26244	San Benito	San Benito	11679		Upper Butts Ranch	157-M	San Benito 15'		not diagnostic	Flege		
26245	San Benito	San Benito	11680		Upper Butts Ranch	157-M	San Benito 15'		not diagnostic	Flege		
26246	San Benito	San Benito	11681		Upper Butts Ranch	157-M	San Benito 15'		not diagnostic	Flege		
26247	San Benito	San Benito	11682		Upper Butts Ranch	157-M	San Benito 15'		poss Eocene	Flege		
26248	San Benito	San Benito	11683		Upper Butts Ranch	157-M	San Benito 15'		not diagnostic	Flege		
26249	San Benito	San Benito	11684		Upper Butts Ranch	165-B	San Benito 15'		not diagnostic	Flege		
26250	San Benito	San Benito	11685		Upper Butts Ranch	165-B	San Benito 15'		prob Refugian	Flege		
26251	San Benito	San Benito	11686		Upper Butts Ranch	165-B	San Benito 15'		not diagnostic	Flege		
26252	San Benito	San Benito	11689		Upper Butts Ranch	165-B	San Benito 15'		barren	Starke		
26253	San Benito	San Benito	11690		Upper Butts Ranch	165-B	San Benito 15'		not diagnostic	Starke		
26254	San Benito	San Benito	11692		Upper Butts Ranch	165-B	San Benito 15'		Refugian	Starke		
26255	San Benito	San Benito	11695		Upper Butts Ranch	165-B	San Benito 15'		U Eocene A zone	Starke		
26256	San Luis Obispo	Santa Margarita	11711		Cushing area	161-N	S Luis Obispo 15'		no paleo info	Kistler		
26257	San Luis Obispo	Santa Margarita	11712		Cushing area	161-N	S Luis Obispo 15'		no paleo info	Kistler		
26258	San Luis Obispo	Atascadero	11713		SE of Atascadero	161-N	S Luis Obispo 15'		no paleo info	Kistler		
26259	San Luis Obispo	Atascadero	11714		SE of Atascadero	161-N	S Luis Obispo 15'		no paleo info	Kistler		
26260	San Luis Obispo	Atascadero	11716		SE of Atascadero	161-N	S Luis Obispo 15'		no paleo info	Kistler		
26261	San Luis Obispo	Santa Margarita	11717		E of S Margarita	161-N	S Luis Obispo 15'		no paleo info	Kistler		
26262	San Luis Obispo	Santa Margarita	11718		S of S Margarita	161-N	S Luis Obispo 15'		Lower Mohnian	Kistler		
26263	San Luis Obispo	Lopez Mountain	11719		NC part of quad	161-N	S Luis Obispo 15'		Lower Mohnian	Kistler		
26264	Monterey	Sycamore Flat	11720		SE of The Basin	95-J	Soledad 15'		Lower Mohnian	Ayres		
26265	Monterey	Sycamore Flat	11721		SE of The Basin	95-J	Soledad 15'	rubber casts	Lower Mohnian	Ayres		
26266	Monterey	Paraiso Springs	11722		SW of Olsen Ranc	95-J	Soledad 15'		Luisian	Ayres		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGE	COLLECTORS		
26267	Monterey	Sycamore Flat	11723		SE of The Basin	95-J	Soledad 15'	sa #11832	Luisian	Ayres		
26268	Monterey	Paraiso Springs	11724		SW of Olsen Ranc	95-J	Soledad 15'		Luisian	Ayres		
26269	Monterey	Sycamore Flat	11725		not on map	79-K	Soledad 15'		Lower Relizian	Ayres		
26270	Monterey	Sycamore Flat	11726		SE of The Basin	169-C	Soledad 15'	rubber casts	Lower Mohnian	Kistler		
26271	Monterey	Sycamore Flat	11727		SE of The Basin	169-C	Soledad 15'		Mohnian	Kistler		
26272	Monterey	Sycamore Flat	11728		SE of The Basin	169-C	Soledad 15'		Mohnian	Kistler		
26273	Monterey	Sycamore Flat	11729		SE of The Basin	169-C	Soledad 15'		Mohnian	Kistler		
26274	Monterey	Sycamore Flat	11730		SE of The Basin	169-C	Soledad 15'	rubber casts	Mohnian	Ayres		
26275	Monterey	Paraiso Springs	11731		SW of Olsen Ranc	169-C	Soledad 15'		Lower Mohnian	Ayres		
26276	Monterey	Paraiso Springs	11732		SW of Olsen Ranc	169-C	Soledad 15'	rubber casts	Lower Mohnian	Ayres		
26277	Monterey	Sycamore Flat	11733		E of Paloma Ck Sc	169-C	Soledad 15'	rubber casts	Lower Mohnian	Ayres		
26278	Monterey	Sycamore Flat	11734		E of Paloma Ck Sc	169-C	Soledad 15'	rubber casts	Lower Mohnian	Ayres		
26279	Monterey	Sycamore Flat	11735		E of Paloma Ck Sc	169-C	Soledad 15'	rubber casts	prob Mohnian	Ayres		
26280	San Benito	San Benito	11736		Butts Ranch	161-G	San Benito 15'		U Eocene A zone	Flége		
26281	San Benito	San Benito	11740		Butts Ranch	169-G	San Benito 15'	rubber casts	U Cret C/D-1 zone	Flége		
26282	Kings	Los Viejos	11746	3	SE corner of quad	260-E	La Rambla 15'		no paleo info			
26283	San Luis Obispo	Morro Bay South	11746		SC part of quad	79-K	Cayucos 15'		Saucesian	Moberly		
26284	San Luis Obispo	Morro Bay South	11746	ReWash	SC part of quad	79-K	Cayucos 15'		Saucesian	Moberly		
26285	Fresno	Santa Rita Peak	11747	A	Pine Canyon	180-F	New Idria 15' Q	age from map	U Cret G-2 zone	Berry &		
26286	Fresno	Santa Rita Peak	11747	C	Pine Canyon	180-F	New Idria 15' Q	age from map	U Cret G-2 zone	Berry &		
26287	Fresno	Santa Rita Peak	11747	C	Pine Canyon	180-F	New Idria 15' Q	age from map	U Cret G-2 zone	Berry &		
26288	San Luis Obispo	Morro Bay South	11747		SC part of quad	79-K	Cayucos 15'		Zemorrian	Moberly		
26289	San Luis Obispo	Morro Bay South	11748		SC part of quad	79-K	Cayucos 15'		Lower Relizian	Moberly		
26290	Fresno	Santa Rita Peak	11748	1	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
26291	Fresno	Santa Rita Peak	11748	2	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
26292	Fresno	Santa Rita Peak	11748	3	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
26293	Fresno	Santa Rita Peak	11748	4	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
26294	Fresno	Santa Rita Peak	11748	5	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
26295	Fresno	Santa Rita Peak	11748	6	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
26296	Fresno	Santa Rita Peak	11748	6A	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
26297	Fresno	Santa Rita Peak	11748	7	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
26298	Fresno	Santa Rita Peak	11748	8	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
26299	Fresno	Santa Rita Peak	11748	9	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
26300	Fresno	Santa Rita Peak	11748	10	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
26301	Fresno	Santa Rita Peak	11748	11	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
26302	San Luis Obispo	Morro Bay South	11749		SE part of quad	79-K	Cayucos 15'	sa Joaquin Rk	Zemorrian	Moberly		
26303	San Luis Obispo	Port San Luis	11750		See Canyon	79-K			Relizian	Moberly		
26304	Fresno	Santa Rita Peak	11750	1	White Creek	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
26305	Fresno	Santa Rita Peak	11750	2	White Creek	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
26306	Fresno	Santa Rita Peak	11750	4	White Creek	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
26307	Fresno	Santa Rita Peak	11750	5	White Creek	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
26308	Fresno	Santa Rita Peak	11750	6	White Creek	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
26309	Fresno	Santa Rita Peak	11750	7	White Creek	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
26310	Fresno	Santa Rita Peak	11750	8	White Creek	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
26311	Fresno	Santa Rita Peak	11750	9	White Creek	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
26312	Fresno	Santa Rita Peak	11751	1	Archer Mine	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
26313	Fresno	Santa Rita Peak	11751	3	Archer Mine	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
26314	San Luis Obispo	Port San Luis	11751		Diablo Canyon	79-K	see loc 5172 for	strat column	Relizian	Moberly		
26315	San Luis Obispo	Port San Luis	11752		Lion Rock	79-K			prob Luisian	Moberly		
26316	Fresno	Santa Rita Peak	11752	1	Butler Estate Mine	180-F	New Idria 15' Q		no paleo info	Berry &		
26317	Fresno	Santa Rita Peak	11754	1	Wright Mountain	180-F	New Idria 15' Q		no paleo info	Berry &		
26318	Fresno	Santa Rita Peak	11754	2	Wright Mountain	180-F	New Idria 15' Q		no paleo info	Berry &		
26319	Fresno	Santa Rita Peak	11754	3	Wright Mountain	180-F	New Idria 15' Q		no paleo info	Berry &		
26320	Fresno	Santa Rita Peak	11754	5	Wright Mountain	180-F	New Idria 15' Q		no paleo info	Berry &		
26321	Fresno	Santa Rita Peak	11754	6	Wright Mountain	180-F	New Idria 15' Q		no paleo info	Berry &		
26322	San Luis Obispo	Port San Luis	11755		Diablo Canyon	79-K	sa Pismo Beach		Zemorrian	Moberly		
26323	San Luis Obispo	Port San Luis	11756		Wild Cherry Cyn	79-K			Miocene/Pliocene	Moberly		
26324	San Luis Obispo	Port San Luis	11757		S of Diablo Canyon	79-K			poss Saucesian	Moberly		
26325	San Luis Obispo	Port San Luis	11758		See Canyon	79-K	sa S Rosa Hills		Lower Mohnian	Moberly		
26326	Santa Barbara	Santa Rosa Hills	11759		E of Canada Vina	79-K			not diagnostic	Kraetsch		
26327	Santa Barbara	Santa Rosa Hills	11760		E of Canada Vina	79-K			U Eocene A-1 zone	Kraetsch		
26328	Monterey	Thompson Canyon	11760	A	Thompson Cyn	74-D			no paleo info			
26329	Mendocino	Point Arena	11761		Mtn View Road	161-G	Pt Arena 15'		Eocene or Cret	Bolin &		
26330	Mendocino	Point Arena	11763		Mtn View Road	161-G	Pt Arena 15'		not diagnostic	Bolin &		
26331	Mendocino	Point Arena	11765		Tenmile Cutoff Rd	161-G	Pt Arena 15'		Eocene	Bolin &		
26332	Fresno	Sherman Peak	11767	5A	SE part of quad	71-F	Priest Val 15'	age from lab	U Cret H zone	Reber		
26333	Fresno	Sherman Peak	11767	6	SE part of quad	71-F	Priest Val 15'	age from lab	U Cret H zone	Reber		
26334	Fresno	Sherman Peak	11767	9	SE part of quad	177-M	Priest Val 15'	age from lab	U Cret H zone			
26335	Merced	San Luis Dam	11770	1	Basalt Hill	71-F			no paleo info	Reber		
26336	Merced	San Luis Dam	11770	3	Basalt Hill	71-F		Area H-9	no paleo info	Reber		
26337	Merced	San Luis Dam	11770	4	Basalt Hill	71-F			no paleo info	Reber		
26338	Merced	San Luis Dam	11770	5	Basalt Hill	71-F			no paleo info	Reber		
26339	Merced	San Luis Dam	11770	6	Basalt Hill	71-F			no paleo info	Reber		
26340	Merced	Los Banos Valley	11771	2	NE part of quad	191-N	Quien Sabe 15'	Area H-9	no paleo info	Reber		
26341	Merced	Los Banos Valley	11771	3	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		
26342	Merced	Los Banos Valley	11771	4	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		
26343	Merced	Los Banos Valley	11771	5	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		
26344	Merced	Los Banos Valley	11771	6	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		
26345	Merced	Los Banos Valley	11771	7	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		
26346	Merced	Los Banos Valley	11771	8	NE part of quad	191-N	Quien Sabe 15'	age from map	U Cret G-2 zone	Reber		
26347	Merced	Los Banos Valley	11771	9	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		
26348	Merced	Los Banos Valley	11771	10	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		
26349	Merced	Los Banos Valley	11771	11	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		
26350	Merced	Los Banos Valley	11771	12	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		
26351	Merced	Los Banos Valley	11771	13	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
26352	Merced	Los Banos Valley	11771	14	NE part of quad	191-N	Quien Sabe 15'	age from lab	U Cret D zone			
26353	Merced	Ortogonalita Peak	11772	2	NW part of quad	71-F	Ortogonalita Pk 15'	Area H-9	no paleo info	Reber		
26354	Merced	Ortogonalita Peak	11772	3	NW part of quad	71-F	Ortogonalita Pk 15'		no paleo info	Reber		
26355	Stanislaus	Copper Mountain	11774	3	Del Puerto Canyon	191-N	Area D-10	age from lab	U Cret H zone	Reber		
26356	Stanislaus	Copper Mountain	11774	4	Del Puerto Canyon	191-N		age from lab	U Cret H zone	Reber		
26357	Stanislaus	Copper Mountain	11774	5	Del Puerto Canyon	191-N		age from lab	U Cret H zone	Reber		
26358	Stanislaus	Copper Mountain	11774	6	Del Puerto Canyon	191-N		age from lab	U Cret H zone	Reber		
26359	Stanislaus	Copper Mountain	11774	7	Del Puerto Canyon	191-N			U Cret G-2 zone	Reber		
26360	Stanislaus	Copper Mountain	11774	8	Del Puerto Canyon	191-N		age from lab	U Cret H zone	Reber		
26361	Stanislaus	Copper Mountain	11774	9	Del Puerto Canyon	191-N		age from lab	U Cret H zone	Reber		
26362	Stanislaus	Copper Mountain	11774	10	Del Puerto Canyon	191-N		age from lab	U Cret H zone	Reber		
26363	Merced	San Luis Dam	11777	3	SE part of quad	44-C	Pacheco Pass 15'	Area H-9	no paleo info	Reber		
26364	Merced	San Luis Dam	11777	6	SE part of quad	44-C	Pacheco Pass 15'		no paleo info	Reber		
26365	Merced	San Luis Dam	11777	7	SE part of quad	44-C	Pacheco Pass 15'		no paleo info	Reber		
26366	Merced	San Luis Dam	11777	8	SE part of quad	44-C	Pacheco Pass 15'		no paleo info	Reber		
26367	Merced	San Luis Dam	11777	9	SE part of quad	44-C	Pacheco Pass 15'		no paleo info	Reber		
26368	Merced	Los Banos Valley	11777	10	NE part of quad	44-C	Quien Sabe 15'		no paleo info	Reber		
26369	Merced	Los Banos Valley	11777	11	NE part of quad	44-C	Quien Sabe 15'		no paleo info	Reber		
26370	Merced	Los Banos Valley	11777	12	NE part of quad	44-C	Quien Sabe 15'		no paleo info	Reber		
26371	Merced	Los Banos Valley	11777	13	Wright Road	44-C	Quien Sabe 15'		no paleo info	Reber		
26372	Merced	Los Banos Valley	11777	15	NE part of quad	44-C	Quien Sabe 15'		no paleo info	Reber		
26373	Merced	Los Banos Valley	11777	16	NE part of quad	44-C	Quien Sabe 15'		no paleo info	Reber		
26374	Merced	Los Banos Valley	11777	18	NE part of quad	44-C	Quien Sabe 15'		no paleo info	Reber		
26375	Merced	Los Banos Valley	11777	19	NE part of quad	44-C	Quien Sabe 15'		no paleo info	Reber		
26376	Merced	Los Banos Valley	11778	2	Wildcat Creek	44-C	Quien Sabe 15'		no paleo info	Reber		
26377	Merced	Los Banos Valley	11778	3	Wildcat Creek	44-C	Quien Sabe 15'		no paleo info	Reber		
26378	Merced	Crevison Peak	11779	2	Romero Creek	44-C	Pacheco Pass 15'	SLURP age	Upper Cretaceous	Reber		
26379	Merced	Crevison Peak	11779	3	Romero Creek	44-C	Pacheco Pass 15'	SLURP age	Upper Cretaceous	Reber		
26380	Alameda	La Costa Valley	11789		Calaveras Road	169-C	Livermore 15'		Upper Miocene	Starke		
26381	Alameda	La Costa Valley	11790		Welch Creek	169-C	Livermore 15'		Upper Miocene	Starke		
26382	Santa Barbara	Little Pine Mountain	11791		SE of L Pine Mtn	79-K	Gibraltar Dam 15'		Saucesian	Zeni		
26383	Santa Barbara	Little Pine Mountain	11792		SE of L Pine Mtn	79-K	Gibraltar Dam 15'		Relizian	Zeni		
26384	Santa Barbara	Little Pine Mountain	11793		SE of L Pine Mtn	79-K	Gibraltar Dam 15'		Relizian	Zeni		
26385	San Benito	Llanada	11793	2	S of Walker Peak	177-M	Panoche Vally 15'		no paleo info	Reber		
26386	San Benito	Llanada	11793	4	S of Walker Peak	177-M	Panoche Vally 15'	Buchia age	Lower Cretaceous	Reber		
26387	Merced	Howard Ranch	11794	256	CA Aqueduct	260-G	sa Patterson	Buchia age	Lower Cretaceous	Reber		
26388	Merced	Howard Ranch	11794	220	CA Aqueduct	260-G	sa San Luis Dam		no paleo info	Reber		
26389	Merced	Howard Ranch	11794	224	CA Aqueduct	260-G			no paleo info	Reber		
26390	Merced	Howard Ranch	11794	181	CA Aqueduct	260-G			no paleo info	Reber		
26391	Merced	Howard Ranch	11794	179	CA Aqueduct	260-G			no paleo info	Reber		
26392	Merced	Howard Ranch	11794	234	CA Aqueduct	260-G			no paleo info	Reber		
26393	Merced	Howard Ranch	11794	69	CA Aqueduct	260-G			no paleo info	Reber		
26394	Merced	Howard Ranch	11794	83	CA Aqueduct	260-G			no paleo info	Reber		
26395	Merced	Howard Ranch	11794	25	CA Aqueduct	260-G			no paleo info	Reber		
26396	Merced	Howard Ranch	11794	41.8	CA Aqueduct	260-G			no paleo info	Reber		
26397	Merced	Howard Ranch	11794	286	CA Aqueduct	260-G			no paleo info	Reber		
26398	Merced	Howard Ranch	11794	293	CA Aqueduct	260-G			no paleo info	Reber		
26399	Merced	Howard Ranch	11794	43	CA Aqueduct	260-G			no paleo info	Reber		
26400	Merced	Howard Ranch	11794	35	CA Aqueduct	260-G			no paleo info	Reber		
26401	Merced	Howard Ranch	11794	21.3	CA Aqueduct	260-G			no paleo info	Reber		
26402	Merced	Howard Ranch	11794	36	CA Aqueduct	260-G			no paleo info	Reber		
26403	Merced	Howard Ranch	11794	40	CA Aqueduct	260-G			no paleo info	Reber		
26404	Merced	Howard Ranch	11794	35	CA Aqueduct	260-G			no paleo info	Reber		
26405	Merced	Howard Ranch	11794	41.5	CA Aqueduct	260-G			no paleo info	Reber		
26406	Merced	Howard Ranch	11794	35	CA Aqueduct	260-G			no paleo info	Reber		
26407	Merced	Howard Ranch	11794	56.8	CA Aqueduct	260-G			no paleo info	Reber		
26408	Merced	Howard Ranch	11794	439	CA Aqueduct	260-G			no paleo info	Reber		
26409	Merced	Howard Ranch	11794	179	CA Aqueduct	260-G			no paleo info	Reber		
26410	Merced	Howard Ranch	11794	404	CA Aqueduct	260-G			no paleo info	Reber		
26411	Merced	Howard Ranch	11794	411	CA Aqueduct	260-G			no paleo info	Reber		
26412	Santa Barbara	Little Pine Mountain	11794		NW part of quad	79-K	Gibraltar Dam 15'		Relizian	Zeni		
26413	Fresno	Kreyenhagen Hills	11795	2	Zapato Creek	260-D	Coalinga 15'		no paleo info			
26414	Fresno	Kreyenhagen Hills	11795	3	Zapato Creek	260-D	Coalinga 15'		no paleo info			
26415	Santa Barbara	Hurricane Deck	11795		NW of Montgomer	79-K	McPherson P 15'		Zemorrian	Zeni		
26416	Santa Barbara	Hurricane Deck	11796		NW of Montgomer	79-K	McPherson P 15'		prob Zemorrian	Zeni		
26417	Fresno	Sherman Peak	11796	1	NE part of quad	202-D	Priest Valley 15'		no paleo info	Reber		
26418	Fresno	Sherman Peak	11796	2	NE part of quad	202-D	Priest Valley 15'		no paleo info	Reber		
26419	Fresno	Sherman Peak	11796	3	NE part of quad	202-D	Priest Valley 15'		no paleo info	Reber		
26420	Fresno	Sherman Peak	11796	4	NE part of quad	260-G	Priest Valley 15'		no paleo info	Reber		
26421	Fresno	Sherman Peak	11796	5	NE part of quad	260-G	Priest Valley 15'		no paleo info	Reber		
26422	Fresno	Sherman Peak	11796	6	NE part of quad	260-G	Priest Valley 15'		no paleo info	Reber		
26423	Fresno	Sherman Peak	11796	7	NE part of quad	260-G	Priest Valley 15'		no paleo info	Reber		
26424	Fresno	Sherman Peak	11796	8	NE part of quad	260-G	Priest Valley 15'		no paleo info	Reber		
26425	Fresno	Sherman Peak	11796	9	NE part of quad	260-G	Priest Valley 15'		no paleo info	Reber		
26426	Fresno	Priest Valley	11796	10	NE part of quad	260-G	Priest Valley 15'		no paleo info	Reber		
26427	San Benito	San Benito Mountain	11797	1	S Margarita Mine	202-D	New Idria 15'		no paleo info	Reber		
26428	San Benito	San Benito Mountain	11797	2	S Margarita Mine	202-D	New Idria 15'		no paleo info	Reber		
26429	San Benito	San Benito Mountain	11797	3	S Margarita Mine	202-D	New Idria 15'		no paleo info	Reber		
26430	San Benito	San Benito Mountain	11797	4	S Margarita Mine	202-D	New Idria 15'		no paleo info	Reber		
26431	San Benito	San Benito Mountain	11797	5	S Margarita Mine	202-D	New Idria 15'		no paleo info	Reber		
26432	San Benito	San Benito Mountain	11797	6	S Margarita Mine	202-D	New Idria 15'		no paleo info	Reber		
26433	San Benito	San Benito Mountain	11797	7	S Margarita Mine	202-D	New Idria 15'		no paleo info	Reber		
26434	San Benito	San Benito Mountain	11797	8	S Margarita Mine	202-D	New Idria 15'		no paleo info	Reber		
26435	Santa Barbara	Hurricane Deck	11797		NW of Montgomer	79-K	McPherson Pk 15'	Potrero	Saucesian	Zeni		
26436	Santa Barbara	Hurricane Deck	11798		NW of Montgomer	79-K	McPherson Pk 15'	Potrero	Upper Saucesian	Zeni		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
26437	Santa Barbara	Hurricane Deck	11799		NW of Montgomery	79-K	McPherson Pk 15'	Potrero	Lower Relizian			
26438	Santa Barbara	Hurricane Deck	11800		S of Montgomery	79-K	McPherson Pk 15'	Potrero	Lower Miocene			
26439	Santa Barbara	Salisbury Potrero	11801		WC part of quad	79-K	Salisbury Cyn 15'	rubber molds	prob Zemorrian			
26440	Santa Barbara	Big Pine Mountain	11802		SE corner of quad	79-K			not diagnostic			
26441	Santa Barbara	Madulce Peak	11803		SW part of quad	79-K	Gibraltar Dam 15'		Lower Saucian			
26442	Santa Barbara	Madulce Peak	11804		SW part of quad	79-K	Gibraltar Dam 15'		Lower Relizian			
26443	Santa Barbara	Little Pine Mountain	11805		Little Caliente Cyn	79-K	Gibraltar Dam 15'		Eocene			
26444	Santa Barbara	Little Pine Mountain	11806		Little Caliente Cyn	79-K	Gibraltar Dam 15'	float	Lower Mohnian			
26445	Santa Barbara	Tranquillon Mountain	11807		N of Honda Creek	79-K			not diagnostic	Kraetsch		
26446	Santa Barbara	Tranquillon Mountain	11808		N of Honda Creek	79-K			Paleocene D zone	Kraetsch		
26447	Santa Barbara	Tranquillon Mountain	11809		N of Honda Creek	79-K			Paleocene D zone	Kraetsch		
26448	Santa Barbara	Tranquillon Mountain	11810		N of Honda Creek	79-K			Paleocene D zone	Kraetsch		
26449	Santa Barbara	Tranquillon Mountain	11811		N of Honda Creek	79-K			Paleocene D zone	Kraetsch		
26450	Santa Barbara	Tranquillon Mountain	11812		Canada los Sauces	79-K	Point Arguello 15'		not diagnostic	Kraetsch		
26451	Santa Barbara	Tranquillon Mountain	11813		Canada los Sauces	79-L	Point Arguello 15'		Eocene B zones	Kraetsch		
26452	Santa Barbara	Tranquillon Mountain	11814		Canada los Sauces	79-L	Point Arguello 15'		U Cret H zone	Kraetsch		
26453	Santa Barbara	Tranquillon Mountain	11814	RW	Canada los Sauces	79-L	Point Arguello 15'		no paleo info	Kraetsch		
26454	Santa Barbara	Tranquillon Mountain	11815		Canada Ladrone	79-L	Point Arguello 15'	abun rads	Upper Cretaceous	Kraetsch		
26455	Santa Barbara	Tranquillon Mountain	11816		Canada Ladrone	79-L	Point Arguello 15'	com planktics	U Eocene A zone	Kraetsch		
26456	Santa Barbara	Tranquillon Mountain	11817		Canada de Rodeo	79-L	Point Arguello 15'	abun planktics	U Eocene A zone	Kraetsch		
26457	Santa Barbara	Tranquillon Mountain	11818		Canada de Rodeo	79-L	Point Arguello 15'		U Eocene A zone	Kraetsch		
26458	Santa Barbara	Tranquillon Mountain	11819		Canada el Jolluru	79-L	Point Arguello 15'		L Cret J-1 zone	Kraetsch		
26459	Santa Barbara	Tranquillon Mountain	11820		Canada el Jolluru	79-L	Point Arguello 15'		Upper Cretaceous	Kraetsch		
26460	Santa Barbara	Tranquillon Mountain	11821		Canada el Jolluru	79-L	Point Arguello 15'	com planktics	U Eocene A zone	Kraetsch		
26461	Santa Barbara	Tranquillon Mountain	11822		Canada el Jolluru	79-L	Point Arguello 15'		U Eocene A zone	Kraetsch		
26462	Santa Barbara	Tranquillon Mountain	11823		Canada el Jolluru	79-L	Point Arguello 15'	abun planktics	U Eocene A zone	Kraetsch		
26463	Santa Barbara	Tranquillon Mountain	11824		Canada el Jolluru	79-L	Point Arguello 15'		U Eocene A zone	Kraetsch		
26464	Santa Barbara	Tranquillon Mountain	11825		Canada el Jolluru	79-L	Point Arguello 15'		not diagnostic	Kraetsch		
26465	Santa Barbara	Tranquillon Mountain	11826		Canada el Jolluru	79-L	Point Arguello 15'		U Eocene A-1 zone	Kraetsch		
26466	Monterey	Paraiso Springs	11832		WC part of quad	95-J	Soledad 15'	see # 11723	Luisian/Mohnian	Kistler &		
26467	Monterey	Sycamore Flat	11834		SE part of quad	95-J	Soledad 15'	rubber casts	Mohnian	Kistler &		
26468	Monterey	Sycamore Flat	11835		SE part of quad	95-J		rubber casts	Mohnian	Kistler &		
26469	Monterey	Sycamore Flat	11836		EC part of quad	95-J		rubber casts	Mohnian	Kistler &		
26470	Monterey	Sycamore Flat	11837		EC part of quad	95-J			Lower Mohnian	Kistler &		
26471	Monterey	Sycamore Flat	11838		EC part of quad	95-J		rubber casts	Lower Mohnian	Kistler &		
26472	Monterey	Sycamore Flat	11839		EC part of quad	95-J		rubber casts	Lower Mohnian	Kistler &		
26473	Monterey	Sycamore Flat	11840		EC part of quad	95-J		rubber casts	Lower Mohnian	Kistler &		
26474	Monterey	Sycamore Flat	11841		EC part of quad	95-J		rubber casts	Mohnian	Kistler &		
26475	Monterey	Sycamore Flat	11843		EC part of quad	95-J		rubber casts	Mohnian	Kistler &		
26476	Monterey	Paraiso Springs	11845		SW of Olson Ranc	95-J		rubber casts	Mohnian	Kistler &		
26477	Monterey	Paraiso Springs	11846		SW of Olson Ranc	95-J			Mohnian	Kistler &		
26478	Monterey	Paraiso Springs	11847		SW of Olson Ranc	95-J			? Mohnian	Kistler &		
26479	Monterey	Paraiso Springs	11848		SW of Olson Ranc	95-J		rubber casts	Luisian	Kistler &		
26480	Monterey	Sycamore Flat	11849		EC part of quad	95-J		rubber casts	Mohnian	Kistler &		
26481	Monterey	Sycamore Flat	11850		EC part of quad	95-J		rubber casts	Mohnian	Kistler &		
26482	Monterey	Sycamore Flat	11851		EC part of quad	95-K			Mohnian	Kistler &		
26483	Monterey	Sycamore Flat	11852		EC part of quad	95-K			Luisian	Kistler &		
26484	Monterey	Sycamore Flat	11853		EC part of quad	95-K			Mohnian	Kistler &		
26485	Monterey	Sycamore Flat	11854		EC part of quad	95-K		rubber casts	? Mohnian	Kistler &		
26486	Monterey	Sycamore Flat	11855		EC part of quad	95-K		rubber casts	? Mohnian	Kistler &		
26487	Monterey	Sycamore Flat	11856		EC part of quad	95-K		rubber casts	Mohnian	Kistler &		
26488	Monterey	Sycamore Flat	11857		EC part of quad	95-K		rubber casts	Upper Mohnian	Kistler &		
26489	Monterey	Sycamore Flat	11859		EC part of quad	95-K		rubber casts	Mohnian	Kistler &		
26490	Monterey	Sycamore Flat	11860		EC part of quad	95-K		rubber casts	Mohnian	Kistler &		
26491	Monterey	Sycamore Flat	11863		EC part of quad	95-K			Lower Mohnian	Kistler &		
26492	Monterey	Sycamore Flat	11864		EC part of quad	95-K		rubber casts	Mohnian	Kistler &		
26493	Monterey	Paraiso Springs	11865		SW of Olson Ranc	95-K			Luisian	Kistler &		
26494	Monterey	Paraiso Springs	11866		SW of Olson Ranc	95-K			not diagnostic	Kistler &		
26495	Monterey	Paraiso Springs	11867		SW of Olson Ranc	95-K			Luisian	Kistler &		
26496	Monterey	Paraiso Springs	11868		SW of Olson Ranc	95-K		rubber casts	Mohnian	Kistler &		
26497	Monterey	Paraiso Springs	11869		SW of Olson Ranc	95-K			not diagnostic	Kistler &		
26498	San Mateo	Mindego Hill	11872		Big Dipper Ranch	55-G		JC 57-78A	Lower Miocene	Cummings		
26499	San Mateo	Mindego Hill	11873		Big Dipper Ranch	55-G		JC 57-79	prob Zemorrian	Cummings		
26500	San Mateo	Mindego Hill	11874		Peters Creek	55-G		JC 57-842	U Eocene A zone	Cummings		
26501	San Mateo	Mindego Hill	11875		Peters Creek	55-G		JC 57-848	prob U Eocene	Cummings		
26502	San Mateo	Mindego Hill	11876		NE of Horseshoe F	55-G		JC 57-861	Lower Zemorrian	Cummings		
26503	San Mateo	Mindego Hill	11877		Long Ridge	55-G		JC 57-885	Zemorrian	Cummings		
26504	San Mateo	Mindego Hill	11878		SE of Windy Hill	55-G		JC 57-907	Upper Zemorrian	Cummings		
26505	San Mateo	Mindego Hill	11879		Dumiuni Creek	55-G		JC 57-916	Zemorrian	Cummings		
26506	Contra Costa	Walnut Creek	11884		SW of Pacheco	106-B	33/2N/3W (SLP)	B-7	Upper Miocene	Schmidt		
26507	Contra Costa	Walnut Creek	11885		NW of Pacheco	106-B		B-11	not diagnostic	Schmidt		
26508	Contra Costa	Walnut Creek	11886		Hwy 4 road cut	139-I		TP-1	U Eocene A-1 zone	Schmidt		
26509	Contra Costa	Walnut Creek	11887		Hwy 4 road cut	139-I	flood rads	TP-2	U Eocene A-1 zone	Schmidt		
26510	Kern	Eagle Rest Peak	11889	1	NW part of quad	200-M			?Lower Relizian	Espenschied		
26511	Kern	Eagle Rest Peak	11889	2	NW part of quad	200-M			Relizian	Espenschied		
26512	Kern	Eagle Rest Peak	11889	3	NW part of quad	200-M			Saucian	Espenschied		
26513	Kern	Eagle Rest Peak	11889	4	NW part of quad	200-M			no paleo info	Espenschied		
26514	Kern	Eagle Rest Peak	11889	5	NW part of quad	200-M			no paleo info	Espenschied		
26515	Kern	Eagle Rest Peak	11889	6	NW part of quad	200-M			no paleo info	Espenschied		
26516	Kern	Santiago Creek	11890	1	NE part quad	200-M			no paleo info	Espenschied		
26517	Kern	Santiago Creek	11890	2	NE part quad	200-M			Saucian	Espenschied		
26518	Mendocino	Point Arena	13205		N of Garcia River	142-H	Pt Arena 15'		no paleo info	Hardy		
26519	Mendocino	Saunders Reef	13206		N of Garcia River	142-H	Pt Arena 15'		no paleo info	Hardy		
26520	Mendocino	Saunders Reef	13211		Hearn Gulch	142-H	Pt Arena 15'		no paleo info	Hardy		
26521	Mendocino	Saunders Reef	13212		S of Galloway Sch	142-H	Pt Arena 15'	age from map	Lower Miocene	Hardy		

1	A	B	C	D	E	F	G	H	I	J	K	L
COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS			
26522	Kings	Tent Hills	13214		center of quad	75-E			poss U Cretaceous	Stanford		
26523	Kings	Tent Hills	13215		center of quad	75-E			Upper Cretaceous	Stanford		
26524	Kings	Tent Hills	13216		center of quad	75-E			poss U Cretaceous	Stanford		
26525	Kings	Tent Hills	13217		not found	75-E	DWD 23-14		prob U Cretaceous	Stanford		
26526	Monterey	Cholame Valley	13218		NE corner of quad	75-E			poss Paleocene	Stanford		
26527	Kings	Tent Hills	13219		Stoke Canyon	75-E			Eocene A/C zone	Stanford		
26528	Kings	Tent Hills	13225		Avenal Canyon	75-E			Upper Cretaceous	Stanford		
26529	Kings	Tent Hills	13226		Avenal Canyon	75-E			U Cret E zone	Stanford		
26530	Kings	Tent Hills	13227		EC part of quad	75-E		abun rads	Cretaceous	Stanford		
26531	Kings	Tent Hills	13228		NC part of quad	75-E			poss U Cretaceous	Stanford		
26532	Kings	Tent Hills	13229		EC part of quad	75-E			Upper Cretaceous	Stanford		
26533	Kings	Tent Hills	13230		Avenal Canyon	75-E			U Cret F-1 zone	Stanford		
26534	Kings	Tent Hills	13231		Lovel Canyon	75-E			Upper Cretaceous	Stanford		
26535	Kings	Tent Hills	13232		not found	75-E			Middle Eocene	Stanford		
26536	Kings	Tent Hills	13236		not found	75-E			poss U Cretaceous	Stanford		
26537	Kings	Tent Hills	13238		Stoker Canyon	75-E			U Cret F/G zones	Stanford		
26538	Kings	Tent Hills	13240		Lovel Canyon	75-E			Cretaceous	Stanford		
26539	Kings	Tent Hills	13241		Johnson Peak	75-E			prob U Cretaceous	Stanford		
26540	Kings	Tent Hills	13242		Lovel Canyon	75-E			U Cret F/G zones	Stanford		
26541	Kings	Tent Hills	13243		Lovel Canyon	75-E			Upper Cretaceous	Stanford		
26542	Kern	Emigrant Hill	13244	1	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26543	Kern	Emigrant Hill	13244	2	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26544	Kern	Emigrant Hill	13244	3	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26545	Kern	Emigrant Hill	13244	4	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26546	Kern	Emigrant Hill	13244	4Han	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26547	Kern	Emigrant Hill	13244	5	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26548	Kern	Emigrant Hill	13244	6	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26549	Kern	Emigrant Hill	13244	7	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26550	Kern	Emigrant Hill	13244	8	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26551	Kern	Emigrant Hill	13244	9	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26552	Kern	Emigrant Hill	13244	10	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26553	Kern	Emigrant Hill	13244	11	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26554	Kern	Emigrant Hill	13244	12	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26555	Kern	Emigrant Hill	13244	13	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26556	Kern	Emigrant Hill	13244	14	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26557	Kern	Emigrant Hill	13244	15A	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26558	Kern	Emigrant Hill	13244	15B	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26559	Kern	Emigrant Hill	13244	16	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26560	Kern	Emigrant Hill	13244	17A	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26561	Kern	Emigrant Hill	13244	17B	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26562	Kern	Emigrant Hill	13244	18A	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26563	Kern	Emigrant Hill	13244	18B	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26564	Kern	Emigrant Hill	13244	19	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26565	Kern	Emigrant Hill	13244	20	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26566	Kern	Emigrant Hill	13244	20	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26567	Kern	Emigrant Hill	13244	20-1	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26568	Kern	Emigrant Hill	13244	20A	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
26569	Kern	Emigrant Hill	13244	20B	Wagonwheel Mtn	47-M			n	WJL & JDB		
26570	Kern	Maricopa	13257	Asmbl	Devils Gulch	243-F	picked slide	Have foram	no paleo info	Deane		
26571	Kern	Maricopa	13257	S1	Devils Gulch	243-F	picked slide	check list,	no paleo info	Deane		
26572	Kern	Maricopa	13257	S2	Devils Gulch	243-F	picked slide	strat column,	no paleo info	Deane		
26573	Kern	Maricopa	13257	S3	Devils Gulch	243-F	picked slide	andloc. Map	no paleo info	Deane		
26574	Kern	Maricopa	13257	S4	Devils Gulch	243-F	picked slide		no paleo info	Deane		
26575	Kern	Maricopa	13257	S5	Devils Gulch	243-F	picked slide		no paleo info	Deane		
26576	Kern	Maricopa	13257	1	Devils Gulch	208-H			Saucesian	Deane		
26577	Kern	Maricopa	13257	1	Devils Gulch	248-J			Saucesian	Deane		
26578	Kern	Maricopa	13257	2	Devils Gulch	248-J			Saucesian	Deane		
26579	Kern	Maricopa	13257	2	Devils Gulch	208-H			Saucesian	Deane		
26580	Kern	Maricopa	13257	3	Devils Gulch	208-H			Saucesian	Deane		
26581	Kern	Maricopa	13257	3	Devils Gulch	248-J			Saucesian	Deane		
26582	Kern	Maricopa	13257	4	Devils Gulch	208-H			Saucesian	Deane		
26583	Kern	Maricopa	13257	5	Devils Gulch	208-H			Saucesian	Deane		
26584	Kern	Maricopa	13257	5	Devils Gulch	248-J			Saucesian	Deane		
26585	Kern	Maricopa	13257	6	Devils Gulch	248-J			Saucesian	Deane		
26586	Kern	Maricopa	13257	6	Devils Gulch	208-H			Saucesian	Deane		
26587	Kern	Maricopa	13257	7	Devils Gulch	248-J			Saucesian	Deane		
26588	Kern	Maricopa	13257	8	Devils Gulch	248-J			Saucesian	Deane		
26589	Kern	Maricopa	13257	8	Devils Gulch	208-H			Saucesian	Deane		
26590	Kern	Maricopa	13257	9	Devils Gulch	248-J			Saucesian	Deane		
26591	Kern	Maricopa	13257	8	Devils Gulch	248-J			Saucesian	Deane		
26592	Kern	Maricopa	13257	10	Devils Gulch	248-J			Saucesian	Deane		
26593	Kern	Maricopa	13257	10	Devils Gulch	208-H			Saucesian	Deane		
26594	Kern	Maricopa	13257	12	Devils Gulch	208-H			Saucesian	Deane		
26595	Kern	Maricopa	13257	12	Devils Gulch	248-J			Saucesian	Deane		
26596	Kern	Maricopa	13257	13	Devils Gulch	208-H			Saucesian	Deane		
26597	Kern	Maricopa	13257	14	Devils Gulch	208-H			Saucesian	Deane		
26598	Kern	Maricopa	13257	14	Devils Gulch	248-J			Saucesian	Deane		
26599	Kern	Maricopa	13257	15	Devils Gulch	248-J			Saucesian	Deane		
26600	Kern	Maricopa	13257	15	Devils Gulch	208-H			Saucesian	Deane		
26601	Kern	Maricopa	13257	16	Devils Gulch	248-J			Saucesian	Deane		
26602	Kern	Maricopa	13257	16	Devils Gulch	248-J			Saucesian	Deane		
26603	Kern	Maricopa	13257	17	Devils Gulch	248-J			Saucesian	Deane		
26604	Kern	Maricopa	13257	17	Devils Gulch	208-H			Saucesian	Deane		
26605	Kern	Maricopa	13257	18	Devils Gulch	208-H			Saucesian	Deane		
26606	Kern	Maricopa	13257	18	Devils Gulch	248-J			Saucesian	Deane		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
27287	San Luis Obispo	Panorama Hills	13262	46	Recruit Pass	203-M			Saucesian			
27288	San Luis Obispo	Panorama Hills	13262	47	Recruit Pass	203-M			Saucesian			
27289	San Luis Obispo	Panorama Hills	13262	48	Recruit Pass	203-M			Saucesian			
27290	San Luis Obispo	Panorama Hills	13262	50	Recruit Pass	203-M			Saucesian			
27291	San Luis Obispo	Panorama Hills	13262	51	Recruit Pass	203-M			Saucesian			
27292	San Luis Obispo	Panorama Hills	13262	52	Recruit Pass	203-M			Saucesian			
27293	San Luis Obispo	Panorama Hills	13262	56	Recruit Pass	203-M			Saucesian			
27294	San Luis Obispo	Panorama Hills	13262	58	Recruit Pass	203-M			Saucesian			
27295	San Luis Obispo	Panorama Hills	13262	62	Recruit Pass	203-N			Saucesian			
27296	San Luis Obispo	Panorama Hills	13262	66	Recruit Pass	203-N			Saucesian			
27297	San Luis Obispo	Panorama Hills	13262	67	Recruit Pass	203-N			Saucesian			
27298	San Luis Obispo	Panorama Hills	13262	68	Recruit Pass	203-N			Saucesian			
27299	San Luis Obispo	Panorama Hills	13262	69	Recruit Pass	203-N			Saucesian			
27300	San Luis Obispo	Panorama Hills	13262	70	Recruit Pass	203-N			Saucesian			
27301	San Luis Obispo	Panorama Hills	13262	71	Recruit Pass	203-N			Saucesian			
27302	San Luis Obispo	Panorama Hills	13262	73	Recruit Pass	203-N			Saucesian			
27303	San Luis Obispo	Panorama Hills	13262	74	Recruit Pass	203-N			Saucesian			
27304	San Luis Obispo	Panorama Hills	13262	75	Recruit Pass	203-N			Saucesian			
27305	San Luis Obispo	Panorama Hills	13262	76	Recruit Pass	203-N			Saucesian			
27306	San Luis Obispo	Panorama Hills	13262	77	Recruit Pass	203-N			Saucesian			
27307	San Luis Obispo	Panorama Hills	13262	78	Recruit Pass	203-N			Saucesian			
27308	San Luis Obispo	Panorama Hills	13262	79	Recruit Pass	203-N			Saucesian			
27309	San Luis Obispo	Panorama Hills	13262	80	Recruit Pass	203-N			Saucesian			
27310	San Luis Obispo	Panorama Hills	13262	81	Recruit Pass	203-N			Saucesian			
27311	San Luis Obispo	Panorama Hills	13262	82	Recruit Pass	203-N			Saucesian			
27312	San Luis Obispo	Panorama Hills	13262	83	Recruit Pass	203-N			Saucesian			
27313	San Luis Obispo	Panorama Hills	13262	84	Recruit Pass	203-N			Saucesian			
27314	San Luis Obispo	Panorama Hills	13262	85	Recruit Pass	203-N			Saucesian			
27315	San Luis Obispo	Panorama Hills	13262	87	Recruit Pass	203-N			Saucesian			
27316	San Luis Obispo	Panorama Hills	13262	93	Recruit Pass	203-N			Saucesian			
27317	San Luis Obispo	Panorama Hills	13262	95	Recruit Pass	203-N			Zemorian			
27318	San Luis Obispo	Panorama Hills	13262	96	Recruit Pass	203-N			Zemorian			
27319	San Luis Obispo	Panorama Hills	13262	106	Recruit Pass	203-N			Zemorian			
27320	San Luis Obispo	Panorama Hills	13262	108	Recruit Pass	203-N			Zemorian			
27321	San Luis Obispo	Panorama Hills	13262	109	Recruit Pass	203-N			Zemorian			
27322	San Luis Obispo	Panorama Hills	13262	110	Recruit Pass	203-N			Zemorian			
27323	San Luis Obispo	Panorama Hills	13262	111	Recruit Pass	203-N			Zemorian			
27324	Kern	Maricopa	13263	1	W of Hazelton	211-I			no paleo info	Espenscheid		
27325	Kern	Maricopa	13263	2	W of Hazelton	211-I			no paleo info	Espenscheid		
27326	Kern	Maricopa	13264	1	not found	211-I			no paleo info	Espenscheid		
27327	Kern	Maricopa	13264	2	not found	211-I			no paleo info	Espenscheid		
27328	Kern	Maricopa	13266	1	SW of Maricopa	211-I			no paleo info	Espenscheid		
27329	Kern	Maricopa	13266	2	SW of Maricopa	211-I			no paleo info	Espenscheid		
27330	Kern	Maricopa	13266	3	SW of Maricopa	211-I			no paleo info	Espenscheid		
27331	Kern	Maricopa	13266	5	SW of Maricopa	211-I			no paleo info	Espenscheid		
27332	Kern	Maricopa	13266	6	SW of Maricopa	211-I			no paleo info	Espenscheid		
27333	Kern	Maricopa	13267	2	W of Maricopa	211-I			no paleo info	Espenscheid		
27334	Kern	Maricopa	13267	4	W of Maricopa	211-I			no paleo info	Espenscheid		
27335	Kern	Maricopa	13267	5	W of Maricopa	211-I			no paleo info	Espenscheid		
27336	Kern	Maricopa	13268	1	W of Maricopa	211-I			no paleo info	Espenscheid		
27337	Kern	Maricopa	13268	2	W of Maricopa	211-I			no paleo info	Espenscheid		
27338	Kern	Maricopa	13269	1	W of Maricopa	211-I			no paleo info	Espenscheid		
27339	Kern	Maricopa	13269	2	W of Maricopa	211-I			no paleo info	Espenscheid		
27340	Kern	Maricopa	13269	3	W of Maricopa	211-I			no paleo info	Espenscheid		
27341	Kern	Maricopa	13269	4	W of Maricopa	211-I			no paleo info	Espenscheid		
27342	Kern	Maricopa	13269	5	W of Maricopa	211-I			no paleo info	Espenscheid		
27343	Kern	Maricopa	13269	6	W of Maricopa	211-I			no paleo info	Espenscheid		
27344	Kern	Maricopa	13269	7	W of Maricopa	211-I			no paleo info	Espenscheid		
27345	Kern	Maricopa	13269	8	W of Maricopa	211-I			no paleo info	Espenscheid		
27346	Kern	Maricopa	13269	9	W of Maricopa	211-I			no paleo info	Espenscheid		
27347	Kern	Maricopa	13269	10	W of Maricopa	211-I			no paleo info	Espenscheid		
27348	Kern	Maricopa	13269	11	W of Maricopa	211-I			no paleo info	Espenscheid		
27349	Kern	Maricopa	13269	12	W of Maricopa	211-I			no paleo info	Espenscheid		
27350	Kern	Maricopa	13269	13	W of Maricopa	211-I			no paleo info	Espenscheid		
27351	Kern	Maricopa	13269	14	W of Maricopa	211-I			no paleo info	Espenscheid		
27352	Kern	Maricopa	13269	15	W of Maricopa	211-I			no paleo info	Espenscheid		
27353	Kern	Maricopa	13269	16	W of Maricopa	211-J			no paleo info	Espenscheid		
27354	Kern	Maricopa	13270	1	W of Maricopa	211-J			no paleo info	Espenscheid		
27355	Kern	Maricopa	13270	2	W of Maricopa	211-J			no paleo info	Espenscheid		
27356	Kern	Maricopa	13270	3	W of Maricopa	211-J			no paleo info	Espenscheid		
27357	Monterey	Cone Peak	13279		Arroyo Seco	74-B			no paleo info	Owens		
27358	Solano	Mount Vaca	13292		S of Putnam Peak	205-N	age based on strat	position	Eocene	Huppi		
27359	Solano	Mount Vaca	13294		S of Oakdale Schl	205-N			Eocene	Huppi		
27360	Solano	Mount Vaca	13295	B	Oakdale School	205-N			Eocene	Huppi		
27361	Solano	Mount Vaca	13296	B	Pleasant's Vly Sch	205-N			Eocene	Huppi		
27362	Mendocino	Saunders Reef	13306		NE of Galloway	142-H		age from map	Lower Miocene	Hardy		
27363	Mendocino	Saunders Reef	13306	A	NE of Galloway	142-H		age from map	Lower Miocene	Hardy		
27364	Mendocino	Saunders Reef	13306	B	NE of Galloway	142-H		age from map	Lower Miocene	Hardy		
27365	Mendocino	Saunders Reef	13306	C	NE of Galloway	142-H		age from map	Lower Miocene	Hardy		
27366	Mendocino	Saunders Reef	13306	E	NE of Galloway	142-H		age from map	Lower Miocene	Hardy		
27367	Mendocino	Saunders Reef	13306	F	NE of Galloway	142-H		age from map	Lower Miocene	Hardy		
27368	Mendocino	Saunders Reef	13306	G	NE of Galloway	142-H		age from map	Lower Miocene	Hardy		
27369	Mendocino	not found	13309		not found	142-H			no paleo info	Hardy		
27370	Mendocino	Gualala	13313		Stick Rock Creek	142-H			no paleo info	Hardy		
27371	Mendocino	Gualala	13313	8	Stick Rock Creek	142-H			no paleo info	Hardy		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
27372	Mendocino	not found	13314	2	not found	142-H			no paleo info	Hardy		
27373	Mendocino	not found	13317		not found	142-H			no paleo info	Hardy		
27374	Mendocino	not found	13322		not found	142-H			no paleo info	Hardy		
27375	Mendocino	Point Arena	13324		Buckridge Road	142-H	Pt Arena 15'	age from map	Eocene	Hardy		
27376	Mendocino	not found	13325		not found	142-H	Pt Arena 15'		no paleo info	Hardy		
27377	Mendocino	Point Arena	13326	B	Galloway Creek	142-H	Pt Arena 15'	age from map	Eocene	Hardy		
27378	Mendocino	Point Arena	13327		Galloway Creek	142-H	Pt Arena 15'	age from map	Eocene	Hardy		
27379	Mendocino	Point Arena	13328		Galloway Creek	142-H	Pt Arena 15'	age from map	Eocene	Hardy		
27380	Mendocino	Point Arena	13329		Ross Creek	142-H	Pt Arena 15'	age from map	Lower Miocene	Hardy		
27381	Mendocino	Gualala	13331		Schooner Gulch	142-H	Pt Arena 15'		no paleo info	Hardy		
27382	Mendocino	Gualala	13331	C	Schooner Gulch	142-H	Pt Arena 15'		no paleo info	Hardy		
27383	Mendocino	Gualala	13331	D	Schooner Gulch	142-H	Pt Arena 15'		no paleo info	Hardy		
27384	Mendocino	Point Arena	13332	A	Moat Creek	142-H	Pt Arena 15'	age from map	Eocene	Hardy		
27385	Mendocino	Point Arena	13332	B	Moat Creek	142-H	Pt Arena 15'	age from map	Eocene	Hardy		
27386	Mendocino	Point Arena	13333	A	Moat Creek	142-H	Pt Arena 15'	age from map	Eocene	Hardy		
27387	Mendocino	Point Arena	13333	B	Moat Creek	142-H	Pt Arena 15'	age from map	Eocene	Hardy		
27388	Mendocino	Point Arena	13334		Moat Creek	142-H	Pt Arena 15'	age from map	Eocene	Hardy		
27389	Mendocino	Point Arena	13338		not found	142-H	Pt Arena 15'		no paleo info	Hardy		
27390	Mendocino	Point Arena	13339		not found	142-H	Pt Arena 15'		no paleo info	Hardy		
27391	Mendocino	Point Arena	13340		Moat Creek	142-H	Pt Arena 15'	age from map	Lower Miocene	Hardy		
27392	Mendocino	Point Arena	13341		Moat Creek	142-H	Pt Arena 15'	age from map	Lower Miocene	Hardy		
27393	Mendocino	Point Arena	13342		Moat Creek	142-H	Pt Arena 15'	age from map	Lower Miocene	Hardy		
27394	Mendocino	Point Arena	13342	RW	Moat Creek	142-H	Pt Arena 15'		no paleo info	Hardy		
27395	Mendocino	Point Arena	13345		N of Mountain V R	142-H	Pt Arena 15'	age from map	Lower Miocene	Hardy		
27396	Mendocino	Point Arena	13346		N of Mountain V R	142-H	Pt Arena 15'	age from map	Lower Miocene	Hardy		
27397	Mendocino	Point Arena	13349		S of Garcia River	142-H	Pt Arena 15'	age from map	Lower Miocene	Hardy		
27398	Mendocino	Point Arena	13350		N of Riverside Rd	142-H	Pt Arena 15'	age from map	Lower Miocene	Hardy		
27399	Mendocino	Point Arena	13353		not found	142-H	Pt Arena 15'		no paleo info	Hardy		
27400	San Benito	San Benito	13600		Payne Creek	181-J	San Benito 15'	LSJU	U Eocene A zone	Paul Enos		
27401	San Benito	San Benito	13602		Payne Creek	181-J	San Benito 15'	LSJU	U Eocene A zone	Paul Enos		
27402	San Benito	San Benito	13603	A	Payne Creek	181-J	San Benito 15'	LSJU	U Eocene A zone	Paul Enos		
27403	San Benito	San Benito	13603	B	Payne Creek	181-J	San Benito 15'	LSJU	U Eocene A zone	Paul Enos		
27404	San Benito	San Benito	13603	C	Payne Creek	181-J	San Benito 15'	LSJU	U Eocene A zone	Paul Enos		
27405	San Benito	San Benito	13604	A	Payne Creek	181-J	San Benito 15'	LSJU	U Cret E/F zones	Paul Enos		
27406	San Benito	San Benito	13606	A	Payne Creek	181-J	San Benito 15'	LSJU	U Cret C/D zones	Paul Enos		
27407	San Benito	San Benito	13606	B	Payne Creek	181-J	San Benito 15'	LSJU	U Cret C/D zones	Paul Enos		
27408	San Benito	San Benito	13609		Payne Creek	181-J	San Benito 15'	LSJU	Narizian/Refugian	Paul Enos		
27409	San Benito	San Benito	13611	A	Payne Creek	181-J	San Benito 15'	LSJU	U Cret F/G-1	Paul Enos		
27410	San Benito	San Benito	13611	B	Payne Creek	181-J	San Benito 15'	LSJU	U Cret F/G-1	Paul Enos		
27411	San Benito	San Benito	13612		Payne Creek	181-J	San Benito 15'	LSJU	U Cret E/G-1	Paul Enos		
27412	San Benito	San Benito	13620		Bear Canyon	181-J	San Benito 15'	LSJU	U Eocene A zone	Paul Enos		
27413	San Benito	San Benito	13621		Big Oak Flat	181-J	San Benito 15'	LSJU	Upper Cretaceous	Paul Enos		
27414	San Benito	San Benito	13622		Horsethief Cyn	181-J	San Benito 15'	LSJU	L Eocene C zone	Paul Enos		
27415	San Benito	San Benito	13623		Bitterwater Cyn	181-J	San Benito 15'	LSJU	U Eocene A zone	Paul Enos		
27416	San Benito	San Benito	13626	A	Payne Creek	181-J	San Benito 15'	LSJU	Upper Cretaceous	Paul Enos		
27417	San Benito	San Benito	13626	B	Payne Creek	181-J	San Benito 15'	LSJU	Upper Cretaceous	Paul Enos		
27418	San Benito	San Benito?	13636		not found	181-J	San Benito 15' ?	LSJU	Upper Cretaceous	Paul Enos		
27419	San Benito	San Benito?	13637		not found	181-J	San Benito 15' ?	LSJU	Upper Cretaceous	Paul Enos		
27420	San Benito	San Benito	13638		Payne Creek	181-J	San Benito 15'	LSJU	Upper Cretaceous	Paul Enos		
27421	San Benito	San Benito?	13639		not found	181-J	San Benito 15' ?	LSJU	Upper Eocene	Paul Enos		
27422	San Benito	Llanada	13641		Moody Canyon	181-J	Panoche Valley 15'	LSJU	Paleocene E zone	Paul Enos		
27423	San Benito	Llanada	13642		Moody Canyon	181-J	Panoche Valley 15'	LSJU	Cret/Paleocene	Paul Enos		
27424	San Benito	Llanada	13645		Moody Canyon	181-J	Panoche Valley 15'	LSJU	Paleocene D zone	Paul Enos		
27425	Monterey	Reliz Canyon	13659		Vaqueros Creek	211-C	Lucia Shale	abun planktics	Eocene	Compton		
27426	Monterey	Reliz Canyon	13660		SE corner quad	211-C	Lucia Shale	abun planktics	Eocene	Compton		
27427	Monterey	Reliz Canyon	13661		Reliz Creek	211-C	Lucia Shale	abun planktics	Eocene	Compton		
27428	Monterey	Reliz Canyon	13662		N of Leigh Ranch	211-C	Rocks SS lens	abun planktics	Eocene	Compton		
27429	Monterey	Reliz Canyon	13663		Vaqueros Creek	211-C	Rocks SS lens	abun planktics	Eocene	Compton		
27430	Monterey	Reliz Canyon	13667		E of The Rocks	211-C	Monterey Shale		Middle Miocene	Compton		
27431	Monterey	Reliz Canyon	13668		Vaqueros Creek	211-C	Monterey Shale		Middle Miocene	Compton		
27432	Monterey	Paraiso Springs	13670		Reliz Creek	211-C	Paso Robles Fm	reworked fms	Pliocene	Cpm		
27433	Solano	Denverton	13674		Kirby Hills	130-M	Ages not compatible with mapped		Upper Cretaceous	McKay		
27434	Solano	Denverton	13675		Kirby Hills	130-M	Eocene in this area. Localities not		not diagnostic	McKay		
27435	Solano	Denverton	13676		Kirby Hills	130-M	on map.		U Cret F/G-1 zone	McKay		
27436	Contra Costa	Vine Hill	13716	1	NW of Vine Hill	8-H	Carquinez 15'	age from map	U Cret E zone	Huppi		
27437	Contra Costa	Vine Hill	13716	2	NW of Vine Hill	8-H	Carquinez 15'	age from map	U Cret E zone	Huppi		
27438	Contra Costa	Vine Hill	13716	4	NW of Vine Hill	8-H	Carquinez 15'	age from map	U Cret E zone	Huppi		
27439	Contra Costa	Vine Hill?	13717	1	not found	8-H		flood rads	Eocene	Huppi		
27440	Contra Costa	Vine Hill?	13717	2	not found	8-H			Eocene	Huppi		
27441	Del Norte	Crescent City	13729	3	W of airport	103-J		age from map	Pliocene?			
27442	Del Norte	Crescent City	13729	4	S of airport	103-J		age from map	Pliocene?			
27443	Mendocino	Gualala	13741	805	E of Brooks Field	53-D			see Went thesis	Wentworth		
27444	Mendocino	Gualala	13742	811	E of Brooks Field	53-D			see Went thesis	Wentworth		
27445	Mendocino	Gualala	13743	813	N of Brooks Field	53-D			see Went thesis	Wentworth		
27446	Mendocino	Gualala	13744	814	N of Brooks Field	53-D			see Went thesis	Wentworth		
27447	Mendocino	Gualala	13745	823	SW of Wildwood R	53-D			see Went thesis	Wentworth		
27448	Mendocino	Gualala	13746	826	SW of Wildwood R	53-D			see Went thesis	Wentworth		
27449	Mendocino	Gualala	13747	828	W of Fleming Ck	53-D			see Went thesis	Wentworth		
27450	Mendocino	Gualala	13748	853	Fish Rock Gulch	53-D			see Went thesis	Wentworth		
27451	Mendocino	Gualala	13749	855	Fish Rock Gulch	53-D			see Went thesis	Wentworth		
27452	Sonoma	Gualala	13750	907	Gualala River	53-D			see Went thesis	Wentworth		
27453	Mendocino	Gualala	13751	923	S of Brooks Field	53-D			see Went thesis	Wentworth		
27454	Mendocino	Gualala	13752	924	S of Hall Gulch	53-D			see Went thesis	Wentworth		
27455	Mendocino	Gualala	13753	1001	Fish Rock Beach	53-D		NP age	U Cret E zone	Wentworth		
27456	Mendocino	Gualala	13754	1002	NW of Steens Lnd	53-D		NP age	Early Tertiary	Wentworth		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
27457	Sonoma	Stewarts Point	13755	1003	Del Mar Point	53-D			see Went thesis	Wentworth		
27458	Sonoma	Stewarts Point	13756	1004	SE of Del Mar Pt	53-D			see Went thesis	Wentworth		
27459	Sonoma	Stewarts Point	13757	1005	SE of Del Mar Pt	53-D		NP age	Upper Cretaceous	Wentworth		
27460	Sonoma	Stewarts Point	13758	1006	SE of Del Mar Pt	53-D			see Went thesis	Wentworth		
27461	Sonoma	Stewarts Point	13759	1007	SE of Del Mar Pt	53-D			see Went thesis	Wentworth		
27462	Sonoma	Stewarts Point	13760	1008	SE of Black Point	53-D			see Went thesis	Wentworth		
27463	Sonoma	Stewarts Point	13761	1009	Fishermans Bay	53-D			see Went thesis	Wentworth		
27464	Sonoma	Plantation	13762	1010	not found	53-D			see Went thesis	Wentworth		
27465	Sonoma	Plantation	13763	1011	NW of Horseshoe	53-D			see Went thesis	Wentworth		
27466	Sonoma	Plantation	13764	1012	Fisk Mill cove	53-D			see Went thesis	Wentworth		
27467	Sonoma	Plantation	13765	1013	Stump Beach	53-D			see Went thesis	Wentworth		
27468	Sonoma	Plantation	13766	1014	Ocean Cove	53-D			see Went thesis	Wentworth		
27469	Sonoma	Plantation	13767	1017	Timber Cove	53-D			see Went thesis	Wentworth		
27470	Sonoma	Plantation	13768	1018	Clam Beach	53-D			see Went thesis	Wentworth		
27471	Mendocino	Point Arena	13769	1017	Pt Arena	53-D	Pt Arena 15'	NP age	Upper Cretaceous	Wentworth		
27472	Mendocino?	Point Arena?	13770	1018	not found	53-D			see Went thesis	Wentworth		
27473	Contra Costa	Vine Hill	13773		SE of Maltby	140-M			Upper Eocene	Tasker		
27474	Contra Costa	Vine Hill	13774		N of Vine Hill	140-M			U Cret I zone	Tasker		
27475	Contra Costa	Vine Hill	13776		NW corner of quad	140-M			U Cret F-2 zone			
27476	Contra Costa	Vine Hill	13776	RW	NW corner of quad	140-M			barren			
27477	Contra Costa	Walnut Creek	13777	703	NW of Pacheco	53-D			no paleo info	Wentworth		
27478	Contra Costa	Walnut Creek	13778	799	Pt Arena	53-D			no paleo info	Wentworth		
27479	Contra Costa	Walnut Creek	13778		SW of IOOF Cem	114-C		flood planktics	Eocene C zone	Beck		
27480	Contra Costa	Walnut Creek	13779	804	Pt Arena	53-D			no paleo info	Wentworth		
27481	Solano	Cuttings Wharf	13780		SE of Thompson	114-C			Paleocene D/E	Beck		
27482	Napa	Napa	13781		Redwood Canyon	114-C	Sonoma 15'		Cretaceous	Beck		
27483	Napa	Rutherford	13784		Dry Creek	114-C	Sonoma 15'		Lower Cretaceous	Beck		
27484	Napa	Rutherford	13786		Dry Creek	114-C	Sonoma 15'		Lower Cretaceous	Beck		
27485	Kings	Sawtooth Ridge	13828		NC part of quad	207-F			no paleo info			
27486	Kings	Sawtooth Ridge	13830		NC part of quad	207-F			no paleo info			
27487	Kings	Tent Hills	13832		SE part of quad	207-F			no paleo info			
27488	Kings	Tent Hills	13834	1	Avenal Canyon	207-F			no paleo info	Lewis		
27489	Kings	Tent Hills	13834	2	Avenal Canyon	207-F			no paleo info	Lewis		
27490	Kings	Tent Hills	13834	3	Avenal Canyon	207-F			no paleo info	Lewis		
27491	Kings	Tent Hills	13835	1	Avenal Canyon	207-F			no paleo info	Lewis		
27492	Kings	Tent Hills	13835	3	Avenal Canyon	207-F			no paleo info	Lewis		
27493	Kings	Tent Hills	13835	4	Avenal Canyon	207-F			no paleo info	Lewis		
27494	Kings	Tent Hills	13836		Avenal Canyon	207-F			no paleo info	Lewis		
27495	Kings	Tent Hills	13837	1	Iron Spring Ranch	207-F			no paleo info	Lewis		
27496	Kings	Tent Hills	13837	2	Iron Spring Ranch	207-F			no paleo info	Lewis		
27497	Kings	Tent Hills	13837	3	Iron Spring Ranch	207-F			no paleo info	Lewis		
27498	Kings	Tent Hills	13837	4	Iron Spring Ranch	207-F			no paleo info	Lewis		
27499	Kings	Tent Hills	13838		Iron Spring Ranch	207-F			no paleo info	Lewis		
27500	Kings	Tent Hills	13840		Avenal Canyon	207-F			no paleo info	Lewis		
27501	Kings	Tent Hills	13841		Avenal Canyon	207-F			no paleo info	Lewis		
27502	Kings	Garza Peak	13842	1	Avenal Canyon	207-F			no paleo info	Lewis		
27503	Kings	Garza Peak	13842	2	Avenal Canyon	207-F			no paleo info	Lewis		
27504	Kern	Garza Peak	13843	1	Avenal Canyon	207-F			no paleo info	Lewis		
27505	Kern	Garza Peak	13843	2	Avenal Canyon	207-F			no paleo info	Lewis		
27506	Kern	Sawtooth Ridge	13845		NC part of quad	207-F	Orchard Peak 15'		no paleo info	WJL		
27507	Kern	Sawtooth Ridge	13846		NC part of quad	207-F	Orchard Peak 15'		no paleo info	WJL		
27508	Kern	Sawtooth Ridge	13847	1	NC part of quad	207-F	Orchard Peak 15'		no paleo info	WJL		
27509	Kern	Pyramid Hills	13848		SW part of quad	207-F			no paleo info	WJL		
27510	Kern	Pyramid Hills	13849		SW part of quad	207-F			no paleo info	WJL		
27511	Kern	Pyramid Hills	13852		SW part of quad	207-F			no paleo info	WJL		
27512	Kern	Pyramid Hills	13853		SW part of quad	207-F			no paleo info	WJL		
27513	Fresno	The Dark Hole	13856	1	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
27514	Fresno	The Dark Hole	13856	2	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
27515	Fresno	The Dark Hole	13856	3	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
27516	Fresno	The Dark Hole	13856	4	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
27517	Fresno	The Dark Hole	13856	5	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
27518	Fresno	The Dark Hole	13856	6	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
27519	Fresno	The Dark Hole	13856	7	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
27520	Fresno	The Dark Hole	13856	8	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
27521	Fresno	The Dark Hole	13856	9	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
27522	Fresno	The Dark Hole	13856	10	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
27523	Fresno	The Dark Hole	13856	11	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
27524	Fresno	The Dark Hole	13856	12	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
27525	Fresno	The Dark Hole	13856	13	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
27526	Fresno	The Dark Hole	13856	14	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
27527	Fresno	The Dark Hole	13856	15	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
27528	Fresno	The Dark Hole	13856	16	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
27529	Fresno	The Dark Hole	13856	17	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
27530	Fresno	The Dark Hole	13856	18	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
27531	Fresno	The Dark Hole	13856	19	Pinoso Arroyo	101-G		age from lab	L Cret J-1 zone	Burr & Zeni		
27532	Fresno	The Dark Hole	13856	20	Pinoso Arroyo	101-G		age from lab	not diagnostic	Burr & Zeni		
27533	Fresno	The Dark Hole	13857	1	Reese Canyon	101-G			no paleo info	Lewis &		
27534	Fresno	The Dark Hole	13857	2	Reese Canyon	101-G		age from map	U Cret G-1 zone	Lewis &		
27535	Fresno	Curry Mountain	13858	1	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
27536	Fresno	Curry Mountain	13858	2	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
27537	Fresno	Curry Mountain	13858	3	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
27538	Fresno	Curry Mountain	13858	4	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
27539	Fresno	Curry Mountain	13858	5	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
27540	Fresno	Curry Mountain	13858	6	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
27541	Fresno	Curry Mountain	13858	7	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
27542	Fresno	Curry Mountain	13858	8	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
27543	Fresno	Curry Mountain	13858	9	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
27544	Fresno	Curry Mountain	13858	10	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
27545	Fresno	Curry Mountain	13858	11	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
27546	Fresno	Curry Mountain	13858	12	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
27547	Fresno	Curry Mountain	13858	13	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
27548	Fresno	Curry Mountain	13858	14	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
27549	Fresno	Curry Mountain	13858	15	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
27550	Fresno	Curry Mountain	13858	16	Warthan Canyon	213-A	Coalinga 15'	age from map	U Cret H zone	Burr & Zeni		
27551	Fresno	Curry Mountain	13858	17	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
27552	Fresno	Curry Mountain	13858	19	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
27553	Fresno	Curry Mountain	13858	20	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
27554	Fresno	The Dark Hole	13859	1	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
27555	Fresno	The Dark Hole	13859	2	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
27556	Fresno	The Dark Hole	13859	4	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
27557	Fresno	The Dark Hole	13859	5	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
27558	Fresno	The Dark Hole	13859	6	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
27559	Fresno	The Dark Hole	13859	7	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
27560	Fresno	The Dark Hole	13859	8	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
27561	Fresno	The Dark Hole	13859	9	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
27562	Fresno	The Dark Hole	13859	10	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
27563	Fresno	The Dark Hole	13859	11	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
27564	Fresno	The Dark Hole	13859	13	Canoas Creek	71-A		age from lab	U Cret H zone	Lewis &		
27565	Fresno	The Dark Hole	13859	14	Canoas Creek	71-A			no paleo info	Lewis &		
27566	Fresno	The Dark Hole	13859	15	Canoas Creek	71-A			no paleo info	Lewis &		
27567	Fresno	The Dark Hole	13859	16	Canoas Creek	71-A		age from map	U Cret H zone	Lewis &		
27568	Fresno	The Dark Hole	13859	17	Canoas Creek	71-A			no paleo info	Lewis &		
27569	Fresno	The Dark Hole	13859	18	Canoas Creek	71-A			no paleo info	Lewis &		
27570	Fresno	The Dark Hole	13859	19	Canoas Creek	71-A			no paleo info	Lewis &		
27571	Fresno	The Dark Hole	13859	20	Canoas Creek	71-A			no paleo info	Lewis &		
27572	Kings	Garza Peak	13860	1	Big Tar Canyon	90-L		age from lab	Cretaceous			
27573	Kings	Garza Peak	13860	5	Big Tar Canyon	90-L		age from lab	Cretaceous			
27574	Kings	Garza Peak	13860	6	Big Tar Canyon	90-L		age from lab	Cretaceous			
27575	Kings	Garza Peak	13860	7	Big Tar Canyon	90-L		age from lab	Cretaceous			
27576	Kings	Garza Peak	13860	8	Big Tar Canyon	90-L		age from lab	Cretaceous			
27577	Kings	Garza Peak	13860	9	Big Tar Canyon	90-L		age from lab	Cretaceous			
27578	Kings	Garza Peak	13860	10	Big Tar Canyon	90-L		age from lab	Cretaceous			
27579	Kings	Garza Peak	13860	11A	Big Tar Canyon	90-L		age from lab	Cretaceous			
27580	Kings	Garza Peak	13860	12A	Big Tar Canyon	90-L		age from lab	Cretaceous			
27581	Kings	Garza Peak	13860	12B	Big Tar Canyon	90-L		age from lab	Cretaceous			
27582	Kings	Garza Peak	13860	13	Big Tar Canyon	90-L		age from lab	Cretaceous			
27583	Kings	Garza Peak	13860	14	Big Tar Canyon	90-L		age from lab	Cretaceous			
27584	Contra Costa	Diablo	13886		not on map	241-G	13/1S/1W (SLP)		no paleo info	RLD		
27585	Contra Costa	Diablo	13887		South Gate Road	241-G	11/1S/1W (SLP)	age inferred	Lower Cretaceous			
27586	Fresno	Ciervo Mountain	13890	37	Cantua Creek	181-K	New Idria 15'		no paleo info	Stoddard &		
27587	Fresno	Ciervo Mountain	13891	34	Cantua Creek	181-K	New Idria 15'		no paleo info	Stoddard &		
27588	Fresno	Ciervo Mountain	13892	35	Cantua Creek	181-K	New Idria 15'		no paleo info	Stoddard &		
27589	Fresno	Ciervo Mountain	13893	121A	Cantua Creek	181-K	New Idria 15'		no paleo info	Stoddard &		
27590	Fresno	Ciervo Mountain	13893	121B	Cantua Creek	181-K	New Idria 15'		no paleo info	Stoddard &		
27591	Fresno	Ciervo Mountain	13893	121C	Cantua Creek	181-K	New Idria 15'		no paleo info	Stoddard &		
27592	Fresno	Ciervo Mountain	13894	39	Cantua Creek	181-K	New Idria 15'		no paleo info	Stoddard &		
27593	Fresno	Ciervo Mountain	13895	38	Cantua Creek	181-K	New Idria 15'		no paleo info	Stoddard &		
27594	San Benito	Ciervo Mountain	13896	36B	Cantua Creek	181-K	New Idria 15'		no paleo info	Stoddard &		
27595	Solano	Denverton	13900	25	Broadmore Island	218-N	auger samples	age from map	Cretaceous	Park		
27596	Solano	Denverton	13900	50A	Broadmore Island	218-N	13/4N/1W (SLP)	auger samples	Cretaceous	Park		
27597	Solano	Denverton	13900	55	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
27598	Solano	Denverton	13901		Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
27599	Solano	Denverton	13902	45A	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
27600	Solano	Denverton	13902	55	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
27601	Solano	Denverton	13903	30	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
27602	Solano	Denverton	13903	50	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
27603	Solano	Denverton	13903	60	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
27604	Solano	Denverton	13904	35A	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
27605	Solano	Denverton	13904	40	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
27606	Solano	Denverton	13904	40A	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
27607	Solano	Denverton	13905	45	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
27608	Solano	Denverton	13905	55	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
27609	Solano	Denverton	13906	40	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
27610	Solano	Denverton	13906	55	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
27611	Solano	Denverton	13906	55A	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
27612	Solano	Denverton	13907	45	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
27613	Solano	Denverton	13907	55	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
27614	Solano	Denverton	13907	55BS	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
27615	Solano	Denverton	13908	15	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
27616	Solano	Denverton	13909	40	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
27617	Solano	Denverton	13909	50	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
27618	Solano	Denverton	13910	50	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
27619	Solano	Denverton	13910	60A	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
27620	Solano	Denverton	13911	25	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
27621	Solano	Denverton	13911	60	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
27622	Solano	Denverton	13911	55	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
27623	Solano	Denverton	13912	35	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
27624	Solano	Denverton	13912	40	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
27625	Solano	Denverton	13913		Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
27626	Solano	Denverton	13914		Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
27627	Solano	Denverton	13915		Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
27628	Solano	Denverton	13916		Meins Landing	224-J	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
27629	Solano	Denverton	13917	60	Meins Landing	224-I	6/3N/1E (SLP)	Pittsburg 15'	Eocene	Park		
27630	Solano	Denverton	13917	60A	Meins Landing	224-I	6/3N/1E (SLP)	Pittsburg 15'	Eocene	Park		
27631	Solano	Denverton	13917	60B	Meins Landing	224-I	6/3N/1E (SLP)	Pittsburg 15'	Eocene	Park		
27632	Solano	Denverton	13918	55	Meins Landing	224-J	6/3N/1E (SLP)	Pittsburg 15'	Eocene	Park		
27633	Solano	Denverton	13918	60	Meins Landing	224-J	6/3N/1E (SLP)	Pittsburg 15'	Eocene	Park		
27634	Solano	Denverton	13920		Broadmore Is	218-N	13/4N/1W (SLP)	sa Byron HS	barren	Park		
27635	Contra Costa	Byron Hot Springs	13923		Vasco Road	16-G	14/1S/2E (SLP)	SLURP age	Upper Cretaceous	Tasker		
27636	Kern	Elkhorn Hills	13927	1	Twenty One Cyn	221-K		age from strat	Upper Miocene	HLL-GLP		
27637	Kern	Elkhorn Hills	13927	7	Twenty One Cyn	221-K		column and	Upper Miocene	HLL-GLP		
27638	Kern	Elkhorn Hills	13927	9	Twenty One Cyn	221-K		check list	Upper Miocene	HLL-GLP		
27639	Kern	Elkhorn Hills	13927	15	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27640	Kern	Elkhorn Hills	13927	19	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27641	Kern	Elkhorn Hills	13927	20	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27642	Kern	Elkhorn Hills	13927	25	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27643	Kern	Elkhorn Hills	13927	30	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27644	Kern	Elkhorn Hills	13927	32	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27645	Kern	Elkhorn Hills	13927	33	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27646	Kern	Elkhorn Hills	13927	35	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27647	Kern	Elkhorn Hills	13927	37	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27648	Kern	Elkhorn Hills	13927	39	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27649	Kern	Elkhorn Hills	13927	40	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27650	Kern	Elkhorn Hills	13927	41	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27651	Kern	Elkhorn Hills	13927	42	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27652	Kern	Elkhorn Hills	13927	43	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27653	Kern	Elkhorn Hills	13927	46	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27654	Kern	Elkhorn Hills	13927	47	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27655	Kern	Elkhorn Hills	13927	50	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27656	Kern	Elkhorn Hills	13927	51	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27657	Kern	Elkhorn Hills	13927	52	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27658	Kern	Elkhorn Hills	13927	53	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27659	Kern	Elkhorn Hills	13927	55	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27660	Kern	Elkhorn Hills	13927	57	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27661	Kern	Elkhorn Hills	13927	59	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27662	Kern	Elkhorn Hills	13927	60	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27663	Kern	Elkhorn Hills	13927	61	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27664	Kern	Elkhorn Hills	13927	62	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27665	Kern	Elkhorn Hills	13927	64	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27666	Kern	Elkhorn Hills	13927	69	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27667	Kern	Elkhorn Hills	13927	78	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27668	Kern	Elkhorn Hills	13927	79	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27669	Kern	Elkhorn Hills	13927	80	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27670	Kern	Elkhorn Hills	13927	81	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27671	Kern	Elkhorn Hills	13927	83	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27672	Kern	Elkhorn Hills	13927	84	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27673	Kern	Elkhorn Hills	13927	86	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27674	Kern	Elkhorn Hills	13927	88	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27675	Kern	Elkhorn Hills	13927	90	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27676	Kern	Elkhorn Hills	13927	91	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27677	Kern	Elkhorn Hills	13927	96	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27678	Kern	Elkhorn Hills	13927	98	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27679	Kern	Elkhorn Hills	13927	100	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27680	Kern	Elkhorn Hills	13927	102	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27681	Kern	Elkhorn Hills	13927	104	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27682	Kern	Elkhorn Hills	13927	106	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27683	Kern	Elkhorn Hills	13927	110	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27684	Kern	Elkhorn Hills	13927	112	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27685	Kern	Elkhorn Hills	13927	114	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27686	Kern	Elkhorn Hills	13927	115	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27687	Kern	Elkhorn Hills	13927	117	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
27688	Kern	Elkhorn Hills	13927	121	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27689	Kern	Elkhorn Hills	13927	123	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27690	Kern	Elkhorn Hills	13927	125	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27691	Kern	Elkhorn Hills	13927	128	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27692	Kern	Elkhorn Hills	13927	129	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27693	Kern	Elkhorn Hills	13927	131	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27694	Kern	Elkhorn Hills	13927	133	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27695	Kern	Elkhorn Hills	13927	136	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27696	Kern	Elkhorn Hills	13927	138	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27697	Kern	Elkhorn Hills	13927	140	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27698	Kern	Elkhorn Hills	13927	142	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27699	Kern	Elkhorn Hills	13927	143	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27700	Kern	Elkhorn Hills	13927	144	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27701	Kern	Elkhorn Hills	13927	145	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27702	Kern	Elkhorn Hills	13927	147	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27703	Kern	Elkhorn Hills	13927	149	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27704	Kern	Elkhorn Hills	13927	150	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27705	Kern	Elkhorn Hills	13927	151	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27706	Kern	Elkhorn Hills	13927	152	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27707	Kern	Elkhorn Hills	13927	153	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27708	Kern	Elkhorn Hills	13927	154	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27709	Kern	Elkhorn Hills	13927	156	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27710	Kern	Elkhorn Hills	13927	158	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
27711	Kern	Elkhorn Hills	13927	159	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
28052	San Luis Obispo	Fellows	13932	70	McLeod Canyon	69-G			Upper Miocene			
28053	San Luis Obispo	Fellows	13932	82A	McLeod Canyon	69-G			Upper Miocene			
28054	San Luis Obispo	Fellows	13932	90	McLeod Canyon	69-G			Upper Miocene			
28055	San Luis Obispo	Fellows	13932	91	McLeod Canyon	69-G			Upper Miocene			
28056	San Luis Obispo	Fellows	13932	92	McLeod Canyon	69-G			Upper Miocene			
28057	San Luis Obispo	Fellows	13932	94	McLeod Canyon	69-G			Upper Miocene			
28058	San Luis Obispo	Fellows	13932	96	McLeod Canyon	69-G			Upper Miocene			
28059	San Luis Obispo	Fellows	13932	97	McLeod Canyon	69-G			Upper Miocene			
28060	San Luis Obispo	Fellows	13932	99	McLeod Canyon	69-G			Upper Miocene			
28061	San Luis Obispo	Fellows	13932	101	McLeod Canyon	69-G			Upper Miocene			
28062	San Luis Obispo	Fellows	13932	102	McLeod Canyon	69-G			Upper Miocene			
28063	San Luis Obispo	Fellows	13932	104	McLeod Canyon	69-G			Upper Miocene			
28064	San Luis Obispo	Fellows	13932	105	McLeod Canyon	69-G			Upper Miocene			
28065	San Luis Obispo	Fellows	13932	106	McLeod Canyon	69-G			Upper Miocene			
28066	San Luis Obispo	Fellows	13932	107	McLeod Canyon	69-G			Upper Miocene			
28067	San Luis Obispo	Fellows	13932	110	McLeod Canyon	69-G			Upper Miocene			
28068	San Luis Obispo	Fellows	13932	113	McLeod Canyon	69-G			Upper Miocene			
28069	San Luis Obispo	Fellows	13932	114	McLeod Canyon	69-G			Upper Miocene			
28070	San Luis Obispo	Fellows	13932	115	McLeod Canyon	69-G			Upper Miocene			
28071	San Luis Obispo	Fellows	13932	116	McLeod Canyon	69-G			Upper Miocene			
28072	San Luis Obispo	Fellows	13932	118	McLeod Canyon	69-G			Upper Miocene			
28073	San Luis Obispo	Fellows	13932	121	McLeod Canyon	69-G			Upper Miocene			
28074	San Luis Obispo	Fellows	13932	124	McLeod Canyon	69-G			Upper Miocene			
28075	San Luis Obispo	Fellows	13932	125	McLeod Canyon	69-G			Upper Miocene			
28076	San Luis Obispo	Fellows	13932	126	McLeod Canyon	69-G			Upper Miocene			
28077	San Luis Obispo	Fellows	13932	127	McLeod Canyon	69-G			Upper Miocene			
28078	San Luis Obispo	Fellows	13932	128	McLeod Canyon	69-G			Upper Miocene			
28079	San Luis Obispo	Fellows	13932	129	McLeod Canyon	69-G			Upper Miocene			
28080	Kern	Carneros Rocks	13933	slide 1	Chico Martinez Ck	221-J	picked type slide		Zem/Saucesian	HLL-GLP		
28081	Kern	Carneros Rocks	13933	slide 2	Chico Martinez Ck	221-J	picked type slide		Zem/Saucesian	HLL-GLP		
28082	Kern	Carneros Rocks	13933	11	Chico Martinez Ck	221-E			Zem/Saucesian	HLL-GLP		
28083	Kern	Carneros Rocks	13933	12	Chico Martinez Ck	221-E			Zem/Saucesian	HLL-GLP		
28084	Kern	Carneros Rocks	13933	13	Chico Martinez Ck	221-E			Zem/Saucesian	HLL-GLP		
28085	Kern	Carneros Rocks	13933	14	Chico Martinez Ck	221-E			Zem/Saucesian	HLL-GLP		
28086	Kern	Carneros Rocks	13933	19	Chico Martinez Ck	221-E			Zem/Saucesian	HLL-GLP		
28087	Kern	Carneros Rocks	13933	24	Chico Martinez Ck	221-E			Zem/Saucesian	HLL-GLP		
28088	Kern	Carneros Rocks	13933	25	Chico Martinez Ck	221-E			Zem/Saucesian	HLL-GLP		
28089	Kern	Carneros Rocks	13933	28	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
28090	Kern	Carneros Rocks	13933	32	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
28091	Kern	Carneros Rocks	13933	33	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
28092	Kern	Carneros Rocks	13933	34	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
28093	Kern	Carneros Rocks	13933	35	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
28094	Kern	Carneros Rocks	13933	36	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
28095	Kern	Carneros Rocks	13933	37	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
28096	Kern	Carneros Rocks	13933	42	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
28097	Kern	Carneros Rocks	13933	46	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
28098	Kern	Carneros Rocks	13933	50	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
28099	Kern	Carneros Rocks	13933	55	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
28100	Kern	Carneros Rocks	13933	56	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
28101	Kern	Carneros Rocks	13933	57	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
28102	Kern	Carneros Rocks	13933	63	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
28103	Kern	Carneros Rocks	13933	66	Chico Martinez Ck	221-F		planktics com	Zem/Saucesian	HLL-GLP		
28104	Kern	Carneros Rocks	13933	67	Chico Martinez Ck	221-F		planktics com	Zem/Saucesian	HLL-GLP		
28105	Kern	Carneros Rocks	13933	68	Chico Martinez Ck	221-F		planktics abun	Zem/Saucesian	HLL-GLP		
28106	Kern	Carneros Rocks	13933	69	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
28107	Kern	Carneros Rocks	13933	70	Chico Martinez Ck	221-F		planktics com	Zem/Saucesian	HLL-GLP		
28108	Kern	Carneros Rocks	13933	83	Chico Martinez Ck	221-F		planktics abun	Zem/Saucesian	HLL-GLP		
28109	Kern	Carneros Rocks	13933	84	Chico Martinez Ck	221-F		planktics abun	Zem/Saucesian	HLL-GLP		
28110	Kern	Carneros Rocks	13933	85	Chico Martinez Ck	221-F		planktics com	Zem/Saucesian	HLL-GLP		
28111	Kern	Carneros Rocks	13933	86	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
28112	Kern	Carneros Rocks	13933	87	Chico Martinez Ck	221-F		planktics com	Zem/Saucesian	HLL-GLP		
28113	Kern	Carneros Rocks	13933	88	Chico Martinez Ck	221-F		planktics abun	Zem/Saucesian	HLL-GLP		
28114	Kern	Carneros Rocks	13934	slide1	Carneros Creek	221-E	picked slide for		no age info	HLL-GLP		
28115	Kern	Carneros Rocks	13934	1	Carneros Creek	221-D	Have strat column	and check list	no age info	HLL-GLP		
28116	Kern	Carneros Rocks	13934	5	Carneros Creek	221-D	but locs not on map	and no ages	no age info	HLL-GLP		
28117	Kern	Carneros Rocks	13934	7	Carneros Creek	221-D			no age info	HLL-GLP		
28118	Kern	Carneros Rocks	13934	8	Carneros Creek	221-D			no age info	HLL-GLP		
28119	Kern	Carneros Rocks	13934	9	Carneros Creek	221-D			no age info	HLL-GLP		
28120	Kern	Carneros Rocks	13934	11	Carneros Creek	221-D			no age info	HLL-GLP		
28121	Kern	Carneros Rocks	13934	12	Carneros Creek	221-D			no age info	HLL-GLP		
28122	Kern	Carneros Rocks	13934	13	Carneros Creek	221-D			no age info	HLL-GLP		
28123	Kern	Carneros Rocks	13934	14	Carneros Creek	221-E			no age info	HLL-GLP		
28124	Kern	Carneros Rocks	13934	15	Carneros Creek	221-E			no age info	HLL-GLP		
28125	Kern	Carneros Rocks	13934	16	Carneros Creek	221-E			no age info	HLL-GLP		
28126	Kern	Carneros Rocks	13934	17	Carneros Creek	221-E			no age info	HLL-GLP		
28127	Kern	Carneros Rocks	13934	18	Carneros Creek	221-E			no age info	HLL-GLP		
28128	Kern	Carneros Rocks	13934	19	Carneros Creek	221-E			no age info	HLL-GLP		
28129	Kern	Carneros Rocks	13934	20	Carneros Creek	221-E			no age info	HLL-GLP		
28130	Kern	Carneros Rocks	13934	21	Carneros Creek	221-E			no age info	HLL-GLP		
28131	Kern	Carneros Rocks	13934	22	Carneros Creek	221-E			no age info	HLL-GLP		
28132	Kern	Carneros Rocks	13934	23	Carneros Creek	221-E			no age info	HLL-GLP		
28133	Kern	Carneros Rocks	13934	26	Carneros Creek	221-E			no age info	HLL-GLP		
28134	Kern	Carneros Rocks	13934	27	Carneros Creek	221-E			no age info	HLL-GLP		
28135	Kern	Carneros Rocks	13934	28	Carneros Creek	221-E			no age info	HLL-GLP		
28136	Kern	Carneros Rocks	13934	29	Carneros Creek	221-E			no age info	HLL-GLP		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
28222	Kern	Las Yeguas Ranch	13936	6	NE part of quad	221-I			Zemorrian	HLL-GLP		
28223	Kern	Las Yeguas Ranch	13936	7	NE part of quad	221-I			Zemorrian	HLL-GLP		
28224	Kern	Las Yeguas Ranch	13936	8A	NE part of quad	221-I			Zemorrian	HLL-GLP		
28225	Kern	Las Yeguas Ranch	13936	8B	NE part of quad	221-I			Zemorrian	HLL-GLP		
28226	Kern	Las Yeguas Ranch	13936	9	NE part of quad	221-I			Zemorrian	HLL-GLP		
28227	Kern	Las Yeguas Ranch	13936	10	NE part of quad	221-I			Zemorrian	HLL-GLP		
28228	Kern	Las Yeguas Ranch	13936	11	NE part of quad	221-I			Zemorrian	HLL-GLP		
28229	Kern	Las Yeguas Ranch	13936	12	NE part of quad	221-I			Zemorrian	HLL-GLP		
28230	Kern	Las Yeguas Ranch	13936	13	NE part of quad	221-I			Zemorrian	HLL-GLP		
28231	Kern	Las Yeguas Ranch	13936	14	NE part of quad	221-I			Zemorrian	HLL-GLP		
28232	Kern	Las Yeguas Ranch	13936	15	NE part of quad	221-I			Saucesian	HLL-GLP		
28233	Kern	Las Yeguas Ranch	13936	16	NE part of quad	221-I			Saucesian	HLL-GLP		
28234	Kern	Las Yeguas Ranch	13936	17	NE part of quad	221-I	faulted and repeated		Zemorrian	HLL-GLP		
28235	Kern	Las Yeguas Ranch	13936	18	NE part of quad	221-I			Zemorrian	HLL-GLP		
28236	Kern	Las Yeguas Ranch	13936	19	NE part of quad	221-I			Zemorrian	HLL-GLP		
28237	Kern	Las Yeguas Ranch	13936	20	NE part of quad	221-I			Zemorrian	HLL-GLP		
28238	Kern	Las Yeguas Ranch	13936	21	NE part of quad	221-I			Zemorrian	HLL-GLP		
28239	Kern	Las Yeguas Ranch	13936	22	NE part of quad	221-I			Zemorrian	HLL-GLP		
28240	Kern	Las Yeguas Ranch	13936	23	NE part of quad	221-I			Zemorrian	HLL-GLP		
28241	Kern	Las Yeguas Ranch	13936	24	NE part of quad	221-I			Saucesian	HLL-GLP		
28242	Kern	Las Yeguas Ranch	13936	25	NE part of quad	221-I			Saucesian	HLL-GLP		
28243	Kern	Las Yeguas Ranch	13936	26	NE part of quad	221-I			Saucesian	HLL-GLP		
28244	Kern	Las Yeguas Ranch	13936	27	NE part of quad	221-I			Saucesian	HLL-GLP		
28245	Kern	Las Yeguas Ranch	13936	29	NE part of quad	221-I			Saucesian	HLL-GLP		
28246	Kern	Las Yeguas Ranch	13936	30	NE part of quad	221-I			Saucesian	HLL-GLP		
28247	Kern	Las Yeguas Ranch	13936	31	NE part of quad	221-I			Saucesian	HLL-GLP		
28248	Kern	Las Yeguas Ranch	13936	32	NE part of quad	221-I			Saucesian	HLL-GLP		
28249	Kern	Las Yeguas Ranch	13936	33	NE part of quad	221-I			Saucesian	HLL-GLP		
28250	Kern	Las Yeguas Ranch	13936	35	NE part of quad	221-I			Saucesian	HLL-GLP		
28251	Kern	Las Yeguas Ranch	13936	36	NE part of quad	221-I			Saucesian	HLL-GLP		
28252	Kern	Las Yeguas Ranch	13936	37	NE part of quad	221-I			Saucesian	HLL-GLP		
28253	Kern	Las Yeguas Ranch	13936	38	NE part of quad	221-I			Saucesian	HLL-GLP		
28254	Kern	Las Yeguas Ranch	13936	39	NE part of quad	221-I			Saucesian	HLL-GLP		
28255	Kern	Las Yeguas Ranch	13936	40	NE part of quad	221-I			Luisian	HLL-GLP		
28256	Kern	Packwood Creek	13937	slide1	Cedar Creek	221-J	picked type slide			HLL-GLP		
28257	Kern	Packwood Creek	13937	6	Cedar Creek	221-I	Ages inferred by Brabb from		not diagnostic	HLL-GLP		
28258	Kern	Packwood Creek	13937	12	Cedar Creek	221-I	Kleinpell charts		not diagnostic	HLL-GLP		
28259	Kern	Packwood Creek	13937	16	Cedar Creek	221-I			not diagnostic	HLL-GLP		
28260	Kern	Packwood Creek	13937	17	Cedar Creek	221-I		planktics com	Saucesian	HLL-GLP		
28261	Kern	Packwood Creek	13937	18	Cedar Creek	221-H		planktics com	not diagnostic	HLL-GLP		
28262	Kern	Packwood Creek	13937	19	Cedar Creek	221-H			Saucesian	HLL-GLP		
28263	Kern	Packwood Creek	13937	20	Cedar Creek	221-H			not diagnostic	HLL-GLP		
28264	Kern	Packwood Creek	13937	22	Cedar Creek	221-H		planktics com	not diagnostic	HLL-GLP		
28265	Kern	Packwood Creek	13937	23	Cedar Creek	221-H		flood planktics	not diagnostic	HLL-GLP		
28266	Kern	Packwood Creek	13937	24	Cedar Creek	221-H			not diagnostic	HLL-GLP		
28267	Kern	Packwood Creek	13937	27A	Cedar Creek	221-H			no paleo info	HLL-GLP		
28268	Kern	Packwood Creek	13937	28	Cedar Creek	221-H			no paleo info	HLL-GLP		
28269	Kern	Packwood Creek	13937	29	Cedar Creek	221-H			no paleo info	HLL-GLP		
28270	Kern	Packwood Creek	13937	30	Cedar Creek	221-H			not diagnostic	HLL-GLP		
28271	Kern	Packwood Creek	13937	31	Cedar Creek	221-H			not diagnostic	HLL-GLP		
28272	Kern	Packwood Creek	13937	32	Cedar Creek	221-H			not diagnostic	HLL-GLP		
28273	Kern	Packwood Creek	13937	33	Cedar Creek	221-H			not diagnostic	HLL-GLP		
28274	Kern	Packwood Creek	13937	34	Cedar Creek	221-H			prob Saucesian	HLL-GLP		
28275	Kern	Packwood Creek	13937	35	Cedar Creek	221-H			not diagnostic	HLL-GLP		
28276	Kern	Packwood Creek	13937	36	Cedar Creek	221-H			not diagnostic	HLL-GLP		
28277	Kern	Packwood Creek	13937	37	Cedar Creek	221-H			not diagnostic	HLL-GLP		
28278	Kern	Packwood Creek	13937	38	Cedar Creek	221-H			not diagnostic	HLL-GLP		
28279	Kern	Packwood Creek	13937	39	Cedar Creek	221-H			not diagnostic	HLL-GLP		
28280	Kern	Packwood Creek	13937	40	Cedar Creek	221-H			Middle Miocene	HLL-GLP		
28281	Kern	Packwood Creek	13937	41	Cedar Creek	221-H			Middle Miocene	HLL-GLP		
28282	Kern	Packwood Creek	13937	43	Cedar Creek	221-H		abun planktics	Middle Miocene	HLL-GLP		
28283	Kern	Packwood Creek	13937	46	Cedar Creek	221-H		planktics com	Middle Miocene	HLL-GLP		
28284	Kern	Packwood Creek	13937	49	Cedar Creek	221-H			prob Relizian	HLL-GLP		
28285	Kern	Packwood Creek	13937	51	Cedar Creek	221-H			not diagnostic	HLL-GLP		
28286	Kern	Packwood Creek	13937	52	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28287	Kern	Packwood Creek	13937	53	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28288	Kern	Packwood Creek	13937	54	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28289	Kern	Packwood Creek	13937	55	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28290	Kern	Packwood Creek	13937	56	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28291	Kern	Packwood Creek	13937	57	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28292	Kern	Packwood Creek	13937	58	Cedar Creek	221-D			prob Saucesian	HLL-GLP		
28293	Kern	Packwood Creek	13937	59	Cedar Creek	221-D			Middle Miocene	HLL-GLP		
28294	Kern	Packwood Creek	13937	61	Cedar Creek	221-D		abun planktics	prob Luisian	HLL-GLP		
28295	Kern	Packwood Creek	13937	63	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28296	Kern	Packwood Creek	13937	64	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28297	Kern	Packwood Creek	13937	65	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28298	Kern	Packwood Creek	13937	67	Cedar Creek	221-D			Middle Miocene	HLL-GLP		
28299	Kern	Packwood Creek	13937	69	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28300	Kern	Packwood Creek	13937	70	Cedar Creek	221-D			Middle Miocene	HLL-GLP		
28301	Kern	Packwood Creek	13937	71	Cedar Creek	221-D			Relizian	HLL-GLP		
28302	Kern	Packwood Creek	13937	73	Cedar Creek	221-D			Middle Miocene	HLL-GLP		
28303	Kern	Packwood Creek	13937	74	Cedar Creek	221-D			Middle Miocene	HLL-GLP		
28304	Kern	Packwood Creek	13937	76	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28305	Kern	Packwood Creek	13937	80	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28306	Kern	Packwood Creek	13937	81	Cedar Creek	221-D			not diagnostic	HLL-GLP		

1	A	B	C	D	E	F	G	H	I	J	K	L
COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS			
28307	Kern	Packwood Creek	13937	83	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28308	Kern	Packwood Creek	13937	85	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28309	Kern	Packwood Creek	13937	87	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28310	Kern	Packwood Creek	13937	88	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28311	Kern	Packwood Creek	13937	89	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28312	Kern	Packwood Creek	13937	90	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28313	Kern	Packwood Creek	13937	91	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28314	Kern	Packwood Creek	13937	92	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28315	Kern	Packwood Creek	13937	93	Cedar Creek	221-D			not diagnostic	HLL-GLP		
28316	Kern	Packwood Creek	13937	94	Cedar Creek	221-D			Relizian	HLL-GLP		
28317	Kern	Packwood Creek	13937	95	Cedar Creek	221-D			Relizian	HLL-GLP		
28318	Kern	Packwood Creek	13937	96	Cedar Creek	221-D			Relizian	HLL-GLP		
28319	Contra Costa	Byron Hot Springs	13938		Vasco Road	16-G	14/1S/2E (SLP)	see # 13923	Upper Cretaceous	Tasker		
28320	Kern	Careros Rocks	13970	1	Santos Creek	221-J	Ages from strat	column and chec	Zemorian	HLL-CLF		
28321	Kern	Careros Rocks	13970	2	Santos Creek	221-J	list.		Zemorian	HLL-CLF		
28322	Kern	Careros Rocks	13970	3	Santos Creek	221-I			Zemorian	HLL-CLF		
28323	Kern	Careros Rocks	13970	4	Santos Creek	221-I			Saucesian	HLL-CLF		
28324	Kern	Careros Rocks	13970	5	Santos Creek	221-I			Saucesian	HLL-CLF		
28325	Kern	Careros Rocks	13970	9	Santos Creek	221-I			Saucesian	HLL-CLF		
28326	Kern	Careros Rocks	13970	10	Santos Creek	221-I			Saucesian	HLL-CLF		
28327	Kern	Careros Rocks	13970	11	Santos Creek	221-I			Saucesian	HLL-CLF		
28328	Kern	Careros Rocks	13970	12	Santos Creek	221-I			Saucesian	HLL-CLF		
28329	Kern	Careros Rocks	13970	13	Santos Creek	221-I			Saucesian	HLL-CLF		
28330	Kern	Careros Rocks	13970	14	Santos Creek	221-I			Saucesian	HLL-CLF		
28331	Kern	Careros Rocks	13970	15	Santos Creek	221-I			Saucesian	HLL-CLF		
28332	Kern	Careros Rocks	13970	16	Santos Creek	221-I			Saucesian	HLL-CLF		
28333	Kern	Careros Rocks	13970	17	Santos Creek	221-I			Saucesian	HLL-CLF		
28334	Kern	Careros Rocks	13970	18	Santos Creek	221-I			Saucesian	HLL-CLF		
28335	Kern	Careros Rocks	13970	19	Santos Creek	221-I			Saucesian	HLL-CLF		
28336	Kern	Careros Rocks	13970	20	Santos Creek	221-I			Saucesian	HLL-CLF		
28337	Kern	Careros Rocks	13970	21	Santos Creek	221-I			Saucesian	HLL-CLF		
28338	Kern	Careros Rocks	13970	22	Santos Creek	221-I			Saucesian	HLL-CLF		
28339	Kern	Careros Rocks	13970	23	Santos Creek	221-I			Saucesian	HLL-CLF		
28340	Kern	Careros Rocks	13970	24	Santos Creek	221-I			Saucesian	HLL-CLF		
28341	Kern	Careros Rocks	13970	26	Santos Creek	221-I			Saucesian	HLL-CLF		
28342	Kern	Careros Rocks	13970	27	Santos Creek	221-I			Saucesian	HLL-CLF		
28343	Kern	Careros Rocks	13970	28	Santos Creek	221-I			Saucesian	HLL-CLF		
28344	Kern	Careros Rocks	13970	29	Santos Creek	221-I			Saucesian	HLL-CLF		
28345	Kern	Careros Rocks	13970	30	Santos Creek	221-I			Saucesian	HLL-CLF		
28346	Kern	Careros Rocks	13970	31	Santos Creek	221-I			Saucesian	HLL-CLF		
28347	Kern	Careros Rocks	13970	33	Santos Creek	221-I			Saucesian	HLL-CLF		
28348	Kern	Careros Rocks	13970	35	Santos Creek	221-I			Saucesian	HLL-CLF		
28349	Kern	Careros Rocks	13970	36	Santos Creek	221-I			Saucesian	HLL-CLF		
28350	Kern	Careros Rocks	13971	1	SW of Gould Hill	221-F	Slide says Salt Ck	Have strat	Zemorian	Levine & P		
28351	Kern	Careros Rocks	13971	4	SW of Gould Hill	221-F	column and foram	check list.	Zemorian	Levine & P		
28352	Kern	Careros Rocks	13971	5	SW of Gould Hill	221-F			Zemorian	Levine & P		
28353	Kern	Careros Rocks	13971	6	SW of Gould Hill	221-F			Zemorian	Levine & P		
28354	Kern	Careros Rocks	13971	7	SW of Gould Hill	221-F			Zemorian	Levine & P		
28355	Kern	Careros Rocks	13971	8	SW of Gould Hill	221-F			Zemorian	Levine & P		
28356	Kern	Careros Rocks	13971	9	SW of Gould Hill	221-F			Zemorian	Levine & P		
28357	Kern	Careros Rocks	13971	10	SW of Gould Hill	221-F			Saucesian	Levine & P		
28358	Kern	Careros Rocks	13971	11	SW of Gould Hill	221-F			Saucesian	Levine & P		
28359	Kern	Careros Rocks	13971	12	SW of Gould Hill	221-F			Saucesian	Levine & P		
28360	Kern	Careros Rocks	13971	13	SW of Gould Hill	221-F			Saucesian	Levine & P		
28361	Kern	Careros Rocks	13971	14	SW of Gould Hill	221-F			Saucesian	Levine & P		
28362	Kern	Careros Rocks	13971	15	SW of Gould Hill	221-F			Saucesian	Levine & P		
28363	Kern	Careros Rocks	13971	16	SW of Gould Hill	221-F			Saucesian	Levine & P		
28364	Kern	Careros Rocks	13971	17	SW of Gould Hill	221-F			Saucesian	Levine & P		
28365	Kern	Careros Rocks	13971	18	SW of Gould Hill	221-F			Saucesian	Levine & P		
28366	Kern	Careros Rocks	13971	19	SW of Gould Hill	221-F			Saucesian	Levine & P		
28367	Kern	Careros Rocks	13971	20	SW of Gould Hill	221-F			Saucesian	Levine & P		
28368	Kern	Careros Rocks	13971	21	SW of Gould Hill	221-F			Saucesian	Levine & P		
28369	Kern	Careros Rocks	13971	22	SW of Gould Hill	221-F			Saucesian	Levine & P		
28370	Kern	Careros Rocks	13971	23	SW of Gould Hill	221-F			Saucesian	Levine & P		
28371	Kern	Careros Rocks	13971	24	SW of Gould Hill	221-F			Saucesian	Levine & P		
28372	Kern	Careros Rocks	13971	25	SW of Gould Hill	221-F			Saucesian	Levine & P		
28373	Kern	Careros Rocks	13971	26	SW of Gould Hill	221-G			Saucesian	Levine & P		
28374	Kern	Careros Rocks	13971	28	SW of Gould Hill	221-G			Saucesian	Levine & P		
28375	Kern	Careros Rocks	13971	29	SW of Gould Hill	221-G			Saucesian	Levine & P		
28376	Kern	Careros Rocks	13971	30	SW of Gould Hill	221-G			Saucesian	Levine & P		
28377	Kern	Careros Rocks	13971	32	SW of Gould Hill	221-G			Saucesian	Levine & P		
28378	Kern	Careros Rocks	13971	33	SW of Gould Hill	221-G			Saucesian	Levine & P		
28379	Kern	Careros Rocks	13971	35	SW of Gould Hill	221-G			Saucesian	Levine & P		
28380	Kern	Careros Rocks	13971	37	SW of Gould Hill	221-G			Saucesian	Levine & P		
28381	Kern	Careros Rocks	13971	38	SW of Gould Hill	221-G			Saucesian	Levine & P		
28382	Kern	Careros Rocks	13971	39	SW of Gould Hill	221-G			Saucesian	Levine & P		
28383	Kern	Careros Rocks	13971	41	SW of Gould Hill	221-G			Saucesian	Levine & P		
28384	Kern	Careros Rocks	13971	42	SW of Gould Hill	221-G			Saucesian	Levine & P		
28385	Kern	Careros Rocks	13971	43	SW of Gould Hill	221-G			Saucesian	Levine & P		
28386	Kern	Careros Rocks	13971	44	SW of Gould Hill	221-G			Saucesian	Levine & P		
28387	Kern	Careros Rocks	13971	46	SW of Gould Hill	221-G			Saucesian	Levine & P		
28388	Kern	Careros Rocks	13971	49	SW of Gould Hill	221-G			Saucesian	Levine & P		
28389	Kern	Careros Rocks	13971	50	SW of Gould Hill	221-G			Saucesian	Levine & P		
28390	Kern	Careros Rocks	13971	51	SW of Gould Hill	221-G			Saucesian	Levine & P		
28391	Kern	Careros Rocks	13971	53	SW of Gould Hill	221-G			Upper Relizian	Levine & P		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ONE/SERIES/AG	COLLECTORS		
28392	Kern	Careros Rocks	13971	54	SW of Gould Hill	221-G			Upper Relizian	Levine & P		
28393	Kern	Careros Rocks	13971	55	SW of Gould Hill	221-G			Upper Relizian	Levine & P		
28394	Kern	Careros Rocks	13971	57	SW of Gould Hill	221-G			Upper Relizian	Levine & P		
28395	Kern	Careros Rocks	13971	59	SW of Gould Hill	221-G			Upper Relizian	Levine & P		
28396	Kern	Careros Rocks	13971	61	SW of Gould Hill	221-G			Upper Relizian	Levine & P		
28397	Kern	Careros Rocks	13971	63	SW of Gould Hill	221-G			Upper Relizian	Levine & P		
28398	Ventura	Pitas Point	13995	1	Los Sauces Creek	232-I	type Saucesian		no paleo info			
28399	Ventura	Pitas Point	13995	2	Los Sauces Creek	232-I			no paleo info			
28400	Ventura	Pitas Point	13995	3	Los Sauces Creek	232-I			no paleo info			
28401	Ventura	Pitas Point	13995	4	Los Sauces Creek	232-I			no paleo info			
28402	Ventura	Pitas Point	13995	5	Los Sauces Creek	232-I			no paleo info			
28403	Ventura	Pitas Point	13995	6	Los Sauces Creek	232-I			no paleo info			
28404	Ventura	Pitas Point	13995	7	Los Sauces Creek	232-I			no paleo info			
28405	Ventura	Pitas Point	13995	8	Los Sauces Creek	232-I			no paleo info			
28406	Ventura	Pitas Point	13995	9	Los Sauces Creek	232-I			no paleo info			
28407	Ventura	Pitas Point	13995	10	Los Sauces Creek	232-I			no paleo info			
28408	Ventura	Pitas Point	13995	11	Los Sauces Creek	232-I			no paleo info			
28409	Ventura	Pitas Point	13995	12	Los Sauces Creek	232-I			no paleo info			
28410	Ventura	Pitas Point	13995	13	Los Sauces Creek	232-I			no paleo info			
28411	Ventura	Pitas Point	13995	14	Los Sauces Creek	232-I			no paleo info			
28412	Ventura	Pitas Point	13995	15	Los Sauces Creek	232-I			no paleo info			
28413	Ventura	Pitas Point	13995	16	Los Sauces Creek	232-I			no paleo info			
28414	Ventura	Pitas Point	13995	17	Los Sauces Creek	232-I			no paleo info			
28415	Ventura	Pitas Point	13995	18	Los Sauces Creek	232-I			no paleo info			
28416	Ventura	Pitas Point	13995	19	Los Sauces Creek	232-I			no paleo info			
28417	Ventura	Pitas Point	13995	20	Los Sauces Creek	232-I			no paleo info			
28418	Ventura	Pitas Point	13995	21	Los Sauces Creek	232-I			no paleo info			
28419	Ventura	Pitas Point	13995	22	Los Sauces Creek	232-I			no paleo info			
28420	Ventura	Pitas Point	13995	23	Los Sauces Creek	232-I			no paleo info			
28421	Ventura	Pitas Point	13995	24	Los Sauces Creek	232-I			no paleo info			
28422	Ventura	Pitas Point	13995	25	Los Sauces Creek	232-I			no paleo info			
28423	Ventura	Pitas Point	13995	26	Los Sauces Creek	232-I			no paleo info			
28424	Ventura	Pitas Point	13995	27	Los Sauces Creek	232-I			no paleo info			
28425	Ventura	Pitas Point	13995	28	Los Sauces Creek	232-I			no paleo info			
28426	Ventura	Pitas Point	13995	29	Los Sauces Creek	232-I			no paleo info			
28427	Ventura	Pitas Point	13995	30	Los Sauces Creek	232-I			no paleo info			
28428	Ventura	Pitas Point	13995	31	Los Sauces Creek	232-I			no paleo info			
28429	Ventura	Pitas Point	13995	32	Los Sauces Creek	232-I			no paleo info			
28430	Ventura	Pitas Point	13995	33	Los Sauces Creek	232-I			no paleo info			
28431	Kern	Sawtooth Ridge	17083		EC part of quad	114-E	Orchard Peak 15'	Devils Den are	no paleo info	Huppi & B		
28432	Kern	Sawtooth Ridge	17084		EC part of quad	114-E	Orchard Peak 15'	Devils Den are	no paleo info	Huppi & B		
28433	Kern	Sawtooth Ridge	17088		not found	114-E	Orchard Peak 15'	Devils Den are	no paleo info			
28434	Kern	Sawtooth Ridge	17090		not found	114-E	Orchard Peak 15'	Devils Den are	no paleo info			
28435	Santa Barbara	New Cuyama	17676		SW corner of quad	189-C	Salisbury Cyn 15'		no paleo info			
28436	Santa Barbara	New Cuyama	17677		not found	189-C	Salisbury Cyn 15'		no paleo info			
28437	Santa Barbara	New Cuyama	17678		not found	189-C	Salisbury Cyn 15'		no paleo info			
28438	Santa Barbara	Salisbury Potrero	17679		NE part of quad	189-C	Salisbury Cyn 15'		no paleo info			
28439	Santa Barbara	Salisbury Potrero	17680		NW part of quad	189-C	Salisbury Cyn 15'		no paleo info			
28440	Santa Barbara	Salisbury Potrero	17681		NW part of quad	189-C	Salisbury Cyn 15'		no paleo info			
28441	Monterey	Tierra Redondo Mtn	18346		NW part of quad	260-H	Bradley 15'		no paleo info	Thorup		
28442	Monterey	Bryson	18347		NC part of quad	260-H	Bryson 15'	age from map	Middle Miocene?	Thorup		
28443	Monterey	Bryson	18349		NE part of quad	260-H	Bryson 15'	age from map	U Saucesian	Thorup		
28444	San Luis Obispo	Caliente Mountain	18464		Washburn Ranch	260-D	Caliente Mtn 15'		L or M Miocene			
28445	San Luis Obispo	Chimineas Ranch	18465		Wellman Ranch	260-D	Caliente Mtn 15'		Saucesian			
28446	San Luis Obispo	Chimineas Ranch	18466		Wellman Ranch	260-D	Caliente Mtn 15'		Saucesian			
28447	San Luis Obispo	Wells Ranch	18467		Abbott Canyon	260-D			L or M Miocene			
28448	San Luis Obispo	Wells Ranch	18468		Abbott Canyon	260-D			L or M Miocene			
28449	San Luis Obispo	Caliente Mountain	18469		NE of Caliente Mtn	260-D	Caliente Mtn 15'		not diagnostic			
28450	San Luis Obispo	Wells Ranch	18475		SC part of quad	260-D			not diagnostic			
28451	Contra Costa	Oakland East	18734	1	center of quad	79-F	S of Eastport	auger holes E	Paleocene E zone			
28452	Contra Costa	Oakland East	18734	2	center of quad	79-F	S of Eastport	auger holes E	Paleocene E zone			
28453	Contra Costa	Oakland East	18734	3	center of quad	79-F	S of Eastport	auger holes E	Paleocene E zone			
28454	Contra Costa	Oakland East	18734	4	center of quad	79-F	S of Eastport	auger holes E	Paleocene E zone			
28455	Contra Costa	Oakland East	18734	5	center of quad	79-F	S of Eastport	auger holes E	Paleocene E zone			
28456	Contra Costa	Oakland East	18734	6	center of quad	79-F	S of Eastport	auger holes E	Paleocene E zone			
28457	Contra Costa	Oakland East	18734	7	center of quad	79-F	S of Eastport	auger holes E	Paleocene E zone			
28458	Contra Costa	Oakland East	18734	8	center of quad	79-F	S of Eastport	auger holes E	Paleocene E zone			
28459	Contra Costa	Oakland East	18735	1	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
28460	Contra Costa	Oakland East	18735	3	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
28461	Contra Costa	Oakland East	18735	4	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
28462	Contra Costa	Oakland East	18735	5	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
28463	Contra Costa	Oakland East	18735	6	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
28464	Contra Costa	Oakland East	18735	7	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
28465	Contra Costa	Oakland East	18735	10	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
28466	Contra Costa	Oakland East	18735	10A	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
28467	Contra Costa	Oakland East	18735	11A	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
28468	Contra Costa	Oakland East	18735	11B	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
28469	Contra Costa	Oakland East	18735	12	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
28470	Contra Costa	Oakland East	18735	13	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
28471	Contra Costa	Las Trampas Ridge	18736	5	center of quad	89-C	San Leandro Res	auger holes E	not diagnostic			
28472	Contra Costa	Las Trampas Ridge	18736	8	center of quad	89-C	San Leandro Res	auger holes E	not diagnostic			
28473	Contra Costa	Las Trampas Ridge	18736	9	center of quad	89-C	San Leandro Res	auger holes E	not diagnostic			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
28559	Solano?	Fairfield South?	18744	8	not found	236-N		auger holes E	no paleo info			
28560	Solano?	Fairfield South?	18744	9	not found	236-N		auger holes E	no paleo info			
28561	Solano?	Fairfield South?	18744	10	not found	236-N		auger holes E	no paleo info			
28562	Solano?	Fairfield South?	18744	11	not found	236-N		auger holes E	no paleo info			
28563	Solano?	Fairfield South?	18744	12	not found	236-N		auger holes E	no paleo info			
28564	Solano?	Fairfield South?	18744	13	not found	236-N		auger holes E	no paleo info			
28565	Solano?	Fairfield South?	18744	14	not found	236-N		auger holes E	no paleo info			
28566	Solano?	Fairfield South?	18745	2A	not found	236-N		auger holes E	no paleo info			
28567	Solano?	Fairfield South?	18745	2ARW	not found	236-N		auger holes E	no paleo info			
28568	Solano?	Fairfield South?	18745	2B	not found	236-N		auger holes E	no paleo info			
28569	Solano?	Fairfield South?	18745	2BRW	not found	236-N		auger holes E	no paleo info			
28570	Solano?	Fairfield South?	18745	3	not found	236-N		auger holes E	no paleo info			
28571	Solano?	Fairfield South?	18745	4A	not found	236-N		auger holes E	no paleo info			
28572	Solano?	Fairfield South?	18745	4B	not found	236-N		auger holes E	no paleo info			
28573	Solano?	Fairfield South?	18745	5A	not found	236-N		auger holes E	no paleo info			
28574	Solano?	Fairfield South?	18745	5B	not found	236-N		auger holes E	no paleo info			
28575	Solano?	Fairfield South?	18745	6A	not found	236-N		auger holes E	no paleo info			
28576	Solano?	Fairfield South?	18745	7A	not found	236-N		auger holes E	no paleo info			
28577	Solano?	Fairfield South?	18745	7B	not found	236-N		auger holes E	no paleo info			
28578	Solano	Fairfield South	18746	1A	not found	89-C	SE of Suisun city	auger holes E	Paleocene D zone			
28579	Solano	Fairfield South	18746	1B	not found	89-C	SE of Suisun city	auger holes E	Paleocene D zone			
28580	Solano	Fairfield South	18746	2	not found	89-C	SE of Suisun city	auger holes E	Paleocene D zone			
28581	Solano	Fairfield South	18746	3	not found	89-C	SE of Suisun city	auger holes E	Paleocene D zone			
28582	Solano	Fairfield South	18746	4	not found	89-C	SE of Suisun city	auger holes E	Paleocene D zone			
28583	Solano	Fairfield South	18746	5	not found	89-C	SE of Suisun city	auger holes E	not diagnostic			
28584	Solano	Denverton	18746	6	not found	89-C	W Potrero Hills	auger holes E	Paleocene D zone			
28585	Solano	Denverton	18746	7	not found	89-C	W Potrero Hills	auger holes E	not diagnostic			
28586	Solano	Denverton	18746	8	not found	89-C	W Potrero Hills	auger holes E	Paleocene D zone			
28587	Solano	Denverton	18746	9	not found	89-C	W Potrero Hills	auger holes E	Paleocene D zone			
28588	Solano	Fairfield South	18747	1	not found	236-N	S of Suisun Hill	auger holes E	Paleocene D zone			
28589	Solano	Fairfield South	18747	2	not found	236-N	S of Suisun Hill	auger holes E	Paleocene D zone			
28590	Solano	Fairfield South	18747	3	not found	236-N	S of Suisun Hill	auger holes E	Paleocene D zone			
28591	Solano	Fairfield South	18747	6	not found	236-N	S of Suisun Hill	auger holes E	not diagnostic			
28592	Solano	Fairfield South	18747	7	not found	236-N	S of Suisun Hill	auger holes E	not diagnostic			
28593	Solano	Fairfield South	18747	10	not found	236-N	S of Suisun Hill	auger holes E	not diagnostic			
28594	Solano	Fairfield South	18747	12	not found	236-N	S of Suisun Hill	auger holes E	Meganos C zone			
28595	Solano	Fairfield South	18747	13	not found	236-N	S of Suisun Hill	auger holes E	not diagnostic			
28596	Solano?	Fairfield South?	18748	1	not found	236-N		auger holes E	no paleo info			
28597	Solano?	Fairfield South?	18748	2	not found	236-N		auger holes E	no paleo info			
28598	Solano?	Fairfield South?	18748	3	not found	236-N		auger holes E	no paleo info			
28599	Solano?	Fairfield South?	18748	4	not found	236-N		auger holes E	no paleo info			
28600	Solano?	Fairfield South?	18748	5	not found	236-N		auger holes E	no paleo info			
28601	Solano?	Fairfield South?	18749	1	not found	236-N		auger holes E	no paleo info			
28602	Solano?	Fairfield South?	18749	2	not found	236-N		auger holes E	no paleo info			
28603	Solano?	Fairfield South?	18749	3A	not found	236-N		auger holes E	no paleo info			
28604	Solano?	Fairfield South?	18749	3B	not found	236-N		auger holes E	no paleo info			
28605	Solano?	Fairfield South?	18749	4	not found	236-N		auger holes E	no paleo info			
28606	Solano?	Fairfield South?	18749	5	not found	236-N		auger holes E	no paleo info			
28607	Solano?	Fairfield South?	18750	1	not found	236-N		auger holes E	no paleo info			
28608	Solano?	Fairfield South?	18750	1A	not found	236-N		auger holes E	no paleo info			
28609	Alameda	Oakland East	18751		auger area E-2	236-N	NW corner quad		no paleo info			
28610	Alameda	Oakland East	18752		auger area E-2	236-N	NW corner quad		no paleo info			
28611	Alameda	Oakland East	18753		auger area E-2	236-N	NW corner quad		no paleo info			
28612	Alameda	Oakland East	18754		auger area E-2	236-N	NW corner quad		no paleo info			
28613	Alameda	Oakland East	18759		auger area E-2	236-N	NW corner quad		no paleo info			
28614	Solano	Vine Hill	18900	1	NW part of map	68-L	Carquinez 15'		no paleo info	Polugar & G		
28615	Solano	Vine Hill	18900	2	NW part of map	68-L	Carquinez 15'		no paleo info	Polugar & G		
28616	Solano	Vine Hill	18900	3	NW part of map	68-L	Carquinez 15'		no paleo info	Polugar & G		
28617	Solano	Cordelia	18901	1	Sulphur Springs	68-L	Carquinez 15'	Sonoma volc	no paleo info	Polugar & G		
28618	Solano	Cordelia	18902		Sulphur Springs	68-L	Carquinez 15'	Sky Valley	no paleo info	Polugar & G		
28619	Solano	Cordelia	18905	1	American Canyon	68-L	Carquinez 15'		no paleo info	Polugar & G		
28620	Solano	Cordelia	18905	2	American Canyon	68-L	Carquinez 15'		no paleo info	Polugar & G		
28621	Solano	Cordelia	18905	3	American Canyon	68-L	Carquinez 15'		no paleo info	Polugar & G		
28622	Solano	Cordelia	18906		American Canyon	68-L	Carquinez 15'		no paleo info	Polugar & G		
28623	Solano	Cordelia	18907		not on map	68-L	Carquinez 15'		no paleo info	Polugar & G		
28624	Solano	Cordelia	18908	1	American Canyon	68-L	Carquinez 15'		no paleo info	Polugar & G		
28625	Solano	Cordelia	18908	2	American Canyon	68-L	Carquinez 15'		no paleo info	Polugar & G		
28626	Solano	Cordelia	18908	3	American Canyon	68-L	Carquinez 15'		no paleo info	Polugar & G		
28627	Solano	Cordelia	18909	1	American Canyon	68-L	Carquinez 15'		no paleo info	Polugar & G		
28628	Solano	Cordelia	18909	2	American Canyon	68-L	Carquinez 15'		no paleo info	Polugar & G		
28629	Napa	Cordelia	18913		E of Napa Junction	68-L	Carquinez 15'		no paleo info	Polugar & G		
28630	Napa	Cordelia	18914		E of Napa Junction	68-L	Carquinez 15'		no paleo info	Polugar & G		
28631	Napa	Cordelia	18916	1	NW part of map	68-L	Carquinez 15'		no paleo info	Polugar & G		
28632	Napa	Cordelia	18918		E of Sky Valley	68-L	Carquinez 15'		no paleo info	Polugar & G		
28633	Humboldt	Fortuna	18990	1A	SW of Price Ck Sch	244-B	Fortuna 15'		Pliocene			
28634	Humboldt	Fortuna	18990	1B	SW of Price Ck Sch	244-B	Fortuna 15'		Pliocene			
28635	Humboldt	Fortuna	18991		Price Creek	244-B	Fortuna 15'		reworked K and M			
28636	Humboldt	Fortuna	18993	1A	S of Price Ck Sch	244-B	Fortuna 15'		Pliocene			
28637	Humboldt	Fortuna	18993	1B	S of Price Ck Sch	244-B	Fortuna 15'		Pliocene			
28638	Humboldt	Fortuna	18993	1C	S of Price Ck Sch	244-C	Fortuna 15'		Pliocene			
28639	Humboldt	Redcrest	18994	1A	Pepperwood	244-C	Weott 15'		Lower Pliocene			
28640	Humboldt	Redcrest	18994	1B	Pepperwood	244-C	Weott 15'		Lower Pliocene			
28641	Humboldt	Redcrest	18994	2	Pepperwood	244-C	Weott 15'		Pliocene			
28642	Humboldt	Redcrest	18994	3A	Pepperwood	244-C	Weott 15'		Upper Miocene			
28643	Humboldt	Redcrest	18994	3B	Pepperwood	244-C	Weott 15'		Upper Miocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
28644	Humboldt	Scotia	18994	4A	Elinor	244-C	Scotia 15'			Upper Mohnian		
28645	Humboldt	Scotia	18994	4B	Elinor	244-C	Scotia 15'			Upper Mohnian		
28646	Humboldt	Scotia	18994	5A	Elinor	244-C	Scotia 15'			Upper Mohnian		
28647	Humboldt	Scotia	18994	5B	Elinor	244-C	Scotia 15'			Upper Mohnian		
28648	Humboldt	Taylor Peak	18995		NE part of quad	244-C	Scotia 15'			not diagnostic		
28649	Humboldt	Fortuna	18996	1A	W of Rio Dell	244-C	Fortuna 15'			Pliocene		
28650	Humboldt	Fortuna	18996	1B	W of Rio Dell	244-C	Fortuna 15'			Pliocene		
28651	Humboldt	Fortuna	18996	2	W of Rio Dell	244-C	Fortuna 15'			Pliocene		
28652	Humboldt	Taylor Peak	18996	3A	NE part of quad	244-C	Scotia 15'			Middle Miocene		
28653	Humboldt	Taylor Peak	18996	3B	NE part of quad	244-C	Scotia 15'			not diagnostic		
28654	Monterey	Bryson	19453		NC part of quad	244-D?			age from map	Saucesian		
28655	Monterey	Bryson	19454		NC part of quad	244-D?			age from map	Middle Miocene		
28656	Monterey	Bryson	19455		NC part of quad	244-D?			age from map	Saucesian		
28657	Santa Barbara	Fox Mountain	19458		Cox Canyon	159-M	Vedder Mf 943			Lower Luisian	Vedder	
28658	Santa Barbara	Fox Mountain	19459		Cox Canyon	159-M	Vedder Mf 944			Luisian	Vedder	
28659	Santa Barbara	Salisbury Potrero	19460		SE part of quad	159-M	Vedder Mf 945			Relizian	Vedder	
28660	San Luis Obispo	Wells Ranch	19461		Abbott Canyon	159-M	Vedder Mf 974			not diagnostic	Vedder	
28661	San Luis Obispo	Wells Ranch	19462		SW part of quad	159-M	Vedder Mf 976			not diagnostic	Vedder	
28662	San Luis Obispo	Wells Ranch	19463		SW part of quad	159-M	Vedder Mf 977			L or M Miocene	Vedder	
28663	Santa Barbara	Fox Mountain	19464		Alamo Canyon	260-F	Vedder Mf 942			Middle Miocene	Vedder	
28664	Shasta	Bella Vista	19975		Little Cow Creek	260-H	Millville 15'			no paleo info		
28665	Humboldt	Fields Landing	20406	3	NE corner of quad	260-A	Fortuna 15'			Lower Pliocene		
28666	San Luis Obispo	Tierra Redonda Mtn	20702	A1	Bee Rock	219-M				no paleo info		
28667	San Luis Obispo	Tierra Redonda Mtn	20702	A2	Bee Rock	219-M				no paleo info		
28668	San Luis Obispo	Tierra Redonda Mtn	20702	A3	Bee Rock	219-M				no paleo info		
28669	San Luis Obispo	Tierra Redonda Mtn	20702	B	Bee Rock	219-M				no paleo info		
28670	San Luis Obispo	Tierra Redonda Mtn	20702	C	Bee Rock	219-M				no paleo info		
28671	Monterey	Tierra Redonda Mtn	20703	A	Bee Rock	219-M				no paleo info		
28672	Monterey	Tierra Redonda Mtn	20703	B	Bee Rock	219-M			age from map	Relizian		
28673	Monterey	Tierra Redonda Mtn	20703	C	Bee Rock	219-M				Relizian		
28674	Humboldt	Tierra Redonda Mtn	20704		SE of Pleyto	219-M				Relizian		
28675	Monterey	Tierra Redonda Mtn	20705	A	SE of Pleyto	219-M				not diagnostic		
28676	Monterey	Tierra Redonda Mtn	20705	B	SE of Pleyto	219-M				Luisian		
28677	Monterey	Tierra Redonda Mtn	20706		SE of Pleyto	219-M				Luisian		
28678	Monterey	Tierra Redonda Mtn	20707	A	SE of Pleyto	219-M				Relizian		
28679	Monterey	Tierra Redonda Mtn	20707	B	SE of Pleyto	219-M				Relizian		
28680	Monterey	Tierra Redonda Mtn	20708		SE of Pleyto	219-M				Relizian		
28681	Monterey	Tierra Redonda Mtn	20709	A	SE of Pleyto	219-M				Relizian		
28682	Monterey	Tierra Redonda Mtn	20709	B	SE of Pleyto	219-M				Relizian		
28683	Monterey	Tierra Redonda Mtn	20710	A	SE of Pleyto	219-M				? Relizian		
28684	Monterey	Tierra Redonda Mtn	20710	B	SE of Pleyto	219-M				? Relizian		
28685	Monterey	Tierra Redonda Mtn	20711		SE of Pleyto	219-M				? Relizian		
28686	Monterey	Tierra Redonda Mtn	20712	A	SE of Pleyto	219-M				Relizian		
28687	Monterey	Tierra Redonda Mtn	20712	B	SE of Pleyto	219-M				Relizian		
28688	Monterey	Tierra Redonda Mtn	20713	A	SE of Pleyto	219-M				Relizian		
28689	Monterey	Tierra Redonda Mtn	20713	B	SE of Pleyto	219-M				Relizian		
28690	Monterey	Tierra Redonda Mtn	20714	A	SE of Pleyto	219-M				Relizian		
28691	San Luis Obispo	Tierra Redonda Mtn	20714	B	SE of Pleyto	219-M				Relizian		
28692	Monterey	Tierra Redonda Mtn	20715		SE of Pleyto	219-M				? Upper Mohnian		
28693	Monterey	Tierra Redonda Mtn	20716		Sulphur Canyon	219-M				Relizian		
28694	Monterey	Williams Hill?	20717		not found	219-M				? Upper Mohnian		
28695	Monterey	Williams Hill?	20718		not found	219-M				? Lower Mohnian		
28696	Monterey	Williams Hill?	20719		not found	219-M				not diagnostic		
28697	Monterey	Williams Hill?	20720	A	SW part of quad	219-M			age from map	Relizian		
28698	Monterey	Williams Hill?	20720	B	SW part of quad	219-M	Jackson Hill		age from map	Luisian		
28699	Monterey	Paso Robles	20721		Paso Robles Road	219-M				Luisian		
28700	Monterey	Paso Robles	20722	A	Paso Robles Road	219-M				Luisian		
28701	Stanislaus	Patterson	20723	2	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28702	Stanislaus	Patterson	20723	3	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28703	Stanislaus	Patterson	20723	4	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28704	Stanislaus	Patterson	20723	6	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28705	Stanislaus	Patterson	20723	7	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28706	Stanislaus	Patterson	20723	8	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28707	Stanislaus	Patterson	20723	9	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28708	Stanislaus	Patterson	20723	10	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28709	Stanislaus	Patterson	20723	11	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28710	Stanislaus	Patterson	20723	12	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28711	Stanislaus	Patterson	20723	13	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28712	Stanislaus	Patterson	20723	14	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28713	Stanislaus	Patterson	20723	15	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28714	Stanislaus	Patterson	20723	16	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28715	Stanislaus	Patterson	20723	17	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28716	Stanislaus	Patterson	20723	18	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28717	Stanislaus	Patterson	20723	19	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28718	Stanislaus	Patterson	20723	20	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28719	Stanislaus	Patterson	20723	23	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28720	Stanislaus	Patterson	20723	26	Little Salado Ck	236-B	Patterson shot pts			no paleo info		
28721	Stanislaus	Patterson	20724	2	Little Salado Ck	236-B	Patterson shot pts		Age inferred	Cretaceous		
28722	Stanislaus	Patterson	20724	3	Little Salado Ck	236-B	Patterson shot pts		from check	Cretaceous		
28723	Stanislaus	Patterson	20724	4	Little Salado Ck	236-B	Patterson shot pts		list	Cretaceous		
28724	Stanislaus	Patterson	20724	5	Little Salado Ck	236-B	Patterson shot pts			Cretaceous		
28725	Stanislaus	Patterson	20724	6	Little Salado Ck	236-B	Patterson shot pts			Cretaceous		
28726	Stanislaus	Patterson	20724	7	Little Salado Ck	236-B	Patterson shot pts			Cretaceous		
28727	Stanislaus	Patterson	20724	8	Little Salado Ck	236-B	Patterson shot pts			Cretaceous		
28728	Stanislaus	Patterson	20725	3	Salado Creek	236-C	Patterson shot pts			no paleo info		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
28814	San Joaquin	Solyo	20727	19	Bird Road	236-D	Northern SJV auger		no paleo info			
28815	Merced	Howard Ranch	20729	2	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28816	Merced	Howard Ranch	20729	3	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28817	Merced	Howard Ranch	20729	4	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28818	Merced	Howard Ranch	20729	5	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28819	Merced	Howard Ranch	20729	6	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28820	Merced	Howard Ranch	20729	7	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28821	Merced	Howard Ranch	20729	8	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28822	Merced	Howard Ranch	20729	9	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28823	Merced	Howard Ranch	20729	10	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28824	Merced	Howard Ranch	20729	11	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28825	Merced	Howard Ranch	20729	12	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28826	Merced	Howard Ranch	20729	13	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28827	Merced	Howard Ranch	20729	14	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28828	Merced	Howard Ranch	20729	16	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28829	Merced	Howard Ranch	20729	17	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28830	Merced	Howard Ranch	20729	18	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28831	Merced	Howard Ranch	20729	19	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28832	Merced	Howard Ranch	20729	20	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28833	Merced	Howard Ranch	20729	21	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28834	Merced	Howard Ranch	20729	22	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28835	Merced	Howard Ranch	20729	28	Quinto Creek	236-D	Northern SJV auger		no paleo info			
28836	Merced	Howard Ranch	20729	32	Quinto Creek	236-E	Northern SJV auger		no paleo info			
28837	Merced	Howard Ranch	20729	34	Quinto Creek	236-E	Northern SJV auger		no paleo info			
28838	Merced	Howard Ranch	20729	35	Quinto Creek	236-E	Northern SJV auger		no paleo info			
28839	Merced	Howard Ranch	20729	37	Quinto Creek	236-E	Northern SJV auger		no paleo info			
28840	Merced	Howard Ranch	20729	38	Quinto Creek	236-E	Northern SJV auger		no paleo info			
28841	Merced	Howard Ranch	20729	39	Quinto Creek	236-E	Northern SJV auger		no paleo info			
28842	Merced	Howard Ranch	20729	40	Quinto Creek	236-E	Northern SJV auger		no paleo info			
28843	Merced	Howard Ranch	20729	41	Quinto Creek	236-E	Northern SJV auger		no paleo info			
28844	Merced	Howard Ranch	20729	42	Quinto Creek	236-E	Northern SJV auger		no paleo info			
28845	Santa Barbara	Salisbury Potrero	21000	E	Foresters Leap Cy	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28846	Santa Barbara	Salisbury Potrero	21000	F	Foresters Leap Cy	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28847	Santa Barbara	Salisbury Potrero	21000	G	Foresters Leap Cy	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28848	Santa Barbara	Salisbury Potrero	21000	I	Foresters Leap Cy	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28849	Santa Barbara	Salisbury Potrero	21000	J	Foresters Leap Cy	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28850	Santa Barbara	Salisbury Potrero	21000	K	Foresters Leap Cy	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28851	Santa Barbara	Salisbury Potrero	21000	L	Foresters Leap Cy	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28852	Santa Barbara	Salisbury Potrero	21002		Sierra Madre Rd	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28853	Santa Barbara	Salisbury Potrero	21003	B	Sierra Madre Rd	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28854	Santa Barbara	Fox Mountain	21004	C	SW part quad	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28855	Santa Barbara	Salisbury Potrero	21005	B	Sweetwater Trail	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28856	Santa Barbara	Salisbury Potrero	21005	C	Sweetwater Trail	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28857	Santa Barbara	Salisbury Potrero	21006	B	Logan Canyon	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28858	Santa Barbara	Salisbury Potrero	21006	C	Logan Canyon	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28859	Santa Barbara	Salisbury Potrero	21006	D	Logan Canyon	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28860	Santa Barbara	Salisbury Potrero	21006	E	Logan Canyon	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28861	Santa Barbara	Fox Mountain	21007	C	Alamo Canyon	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28862	Santa Barbara	Salisbury Potrero	21010	A	SE part of quad	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28863	Santa Barbara	Salisbury Potrero	21010	C	SE part of quad	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28864	Santa Barbara	Salisbury Potrero	21010	D	SE part of quad	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28865	Santa Barbara	Salisbury Potrero	21010	E	SE part of quad	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28866	Santa Barbara	Salisbury Potrero	21010	F	SE part of quad	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
28867	Santa Barbara	Fox Mountain	21011	C	Cuyama Valley	189-A	Rainbow Canyon		no paleo info	Gregory & B		
28868	Santa Barbara	Fox Mountain	21012	A	Cuyama Valley	189-A	W of SBC Ranch		no paleo info	Gregory & B		
28869	Santa Barbara	Fox Mountain	21016		Cuyama Valley	189-A	E of SBC Ranch		no paleo info	Gregory & B		
28870	Santa Barbara	Cuyama Peak	21018	C	SW of Wycoff Rncd	189-A			no paleo info	Drummond		
28871	Santa Barbara	Cuyama Peak	21018	D	SW of Wycoff Rncd	189-A			no paleo info	Drummond		
28872	Ventura	Cuyama Peak	21025	B	Cuyama River	189-A			no paleo info	Drummond		
28873	Santa Barbara	Peak Mountain	21027		Grey Ranch	189-A	McPherson Pk 15'		no paleo info	Drummond		
28874	Santa Barbara	Peak Mountain	21028	A	Deadman Creek	189-A	McPherson Pk 15'		no paleo info	Drummond		
28875	Santa Barbara	Peak Mountain	21028	B	Deadman Creek	189-A	McPherson Pk 15'		no paleo info	Drummond		
28876	Santa Barbara	Peak Mountain	21028	C	Deadman Creek	189-A	McPherson Pk 15'		no paleo info	Drummond		
28877	Santa Barbara	Peak Mountain	21028	D	Deadman Creek	189-A	McPherson Pk 15'		no paleo info	Drummond		
28878	San Luis Obispo	Caliente Mountain	21029	A	W of Morales Cyn	189-A	Caliente Mtn 15'		no paleo info	Drummond		
28879	San Luis Obispo	Caliente Mountain	21029	B	W of Morales Cyn	189-A	Caliente Mtn 15'		no paleo info	Drummond		
28880	San Luis Obispo	Caliente Mountain	21030		W of Morales Cyn	189-B	Caliente Mtn 15'		no paleo info	Drummond		
28881	San Luis Obispo	Caliente Mountain	21031		W of Morales Cyn	189-B	Caliente Mtn 15'		no paleo info	Drummond		
28882	San Luis Obispo	Caliente Mountain	21033		W of Morales Cyn	189-B	Caliente Mtn 15'		no paleo info	Drummond		
28883	San Luis Obispo	Caliente Mountain	21034		W of Morales Cyn	189-B	Caliente Mtn 15'		no paleo info	Drummond		
28884	San Luis Obispo	Caliente Mountain	21035	A	not on map	189-B	Caliente Mtn 15'		no paleo info	Drummond		
28885	San Luis Obispo	Caliente Mountain	21035	B	not on map	189-B	Caliente Mtn 15'		no paleo info	Drummond		
28886	San Luis Obispo	Caliente Mountain	21037		Head Morales Cyn	189-B	Caliente Mtn 15'		not diagnostic	Drummond		
28887	San Luis Obispo	Caliente Mountain	21038		Head Morales Cyn	189-B	Caliente Mtn 15'		not diagnostic	Drummond		
28888	San Luis Obispo	Painted Rock	21039		SE Painted R Rncd	189-B	Caliente Mtn 15'		not diagnostic	Drummond		
28889	San Luis Obispo	Caliente Mountain	21040		Morales Canyon	189-B	Caliente Mtn 15'		no paleo info	Drummond		
28890	San Luis Obispo	Caliente Mountain	21041		Morales Canyon	189-B	Caliente Mtn 15'		Luisian	Drummond		
28891	San Luis Obispo	Caliente Mountain	21042		Morales Canyon	189-B	Caliente Mtn 15'		Luisian	Drummond		
28892	San Luis Obispo	Caliente Mountain	21043		Morales Canyon	189-B	Caliente Mtn 15'		Luisian			
28893	San Luis Obispo	Caliente Mountain	21044		Morales Canyon	189-B	Caliente Mtn 15'		Luisian			
28894	San Luis Obispo	Caliente Mountain	21045		Morales Canyon	189-B	Caliente Mtn 15'		Luisian			
28895	San Luis Obispo	Caliente Mountain	21046		Morales Canyon	189-B	Caliente Mtn 15'		Zemorrian			
28896	San Luis Obispo	Caliente Mountain	21047		Morales Canyon	189-B	Caliente Mtn 15'		Zemorrian			
28897	San Luis Obispo	Caliente Mountain	21048		Morales Canyon	189-B	Caliente Mtn 15'		no paleo info			
28898	San Luis Obispo	Caliente Mountain	21049		Morales Canyon	189-B	Caliente Mtn 15'		Zemorrian			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
28899	San Luis Obispo	Caliente Mountain	21050		not on map	189-B	Caliente Mtn 15'		Zemorrian			
28900	San Luis Obispo	Caliente Mountain	21051		Morales Canyon	189-B	Caliente Mtn 15'		no paleo info			
28901	San Luis Obispo	California Valley	21055		SE corner quad	189-B	La Panza 15'		not diagnostic			
28902	San Luis Obispo	California Valley	21056		SE corner quad	189-B	La Panza 15'		not diagnostic			
28903	San Luis Obispo	California Valley	21057		SE corner quad	189-B	La Panza 15'		Luisian			
28904	San Luis Obispo	California Valley	21058		SE corner quad	189-B	La Panza 15'		not diagnostic			
28905	San Luis Obispo	Simmler	21059		SW corner of quad	189-B			not diagnostic			
28906	San Luis Obispo	Simmler	21060		SW corner of quad	189-B			no paleo info			
28907	San Luis Obispo	California Valley	21061		Freeborn Mtn	189-B	La Panza 15'		not diagnostic			
28908	San Luis Obispo	La Panza	21067		Hay Canyon	189-B	La Panza 15'		Saucesian			
28909	San Luis Obispo	La Panza	21068		Hay Canyon	189-B	La Panza 15'		Luisian			
28910	San Luis Obispo	La Panza	21069		Hay Canyon	189-B	La Panza 15'		not diagnostic			
28911	San Luis Obispo	La Panza	21070		Hay Canyon	189-B	La Panza 15'		not diagnostic			
28912	San Luis Obispo	La Panza	21073		San Juan Creek	189-B	La Panza 15'		not diagnostic			
28913	San Luis Obispo	La Panza	21074		San Juan Creek	189-B	La Panza 15'		Luisian			
28914	San Luis Obispo	La Panza	21076		San Juan Creek	189-B	La Panza 15'		Miocene			
28915	not found		21080	A	Cuyama Valley	189-B			no paleo info	Heppert		
28916	not found		21080	B	Cuyama Valley	189-B			no paleo info	Heppert		
28917	not found		21081	B	Cuyama Valley	189-B			no paleo info	Heppert		
28918	San Luis Obispo	Miranda Pine Mountain	21082		NE part of quad	189-B	Cuyama Valley		not diagnostic	Heppert		
28919	San Luis Obispo	Cuyama	21083		Cuyama Valley	189-B	sa Salisbury Cy15'		Cretaceous	Heppert		
28920	Santa Barbara	Hurricane Deck	21085	A	NE corner quad	189-B	McPherson Pk 15'		no paleo info			
28921	Santa Barbara	Hurricane Deck	21085	B	NE corner quad	189-B	McPherson Pk 15'		no paleo info			
28922	Santa Barbara	Hurricane Deck	21086		NE corner quad	189-B	McPherson Pk 15'		no paleo info			
28923	Santa Barbara	Hurricane Deck	21087	A	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
28924	Santa Barbara	Hurricane Deck	21087	B	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
28925	Santa Barbara	Hurricane Deck	21088	A	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
28926	Santa Barbara	Hurricane Deck	21088	B	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
28927	Santa Barbara	Hurricane Deck	21088	C	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
28928	Santa Barbara	Hurricane Deck	21089	A	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
28929	Santa Barbara	Hurricane Deck	21089	B	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
28930	Santa Barbara	Hurricane Deck	21089	C	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
28931	Santa Barbara	Hurricane Deck	21090	A	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
28932	Santa Barbara	Hurricane Deck	21090	B	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
28933	Santa Barbara	Hurricane Deck	21090	C	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
28934	Santa Barbara	Hurricane Deck	21091		NE corner quad	189-C	McPherson Pk 15'		no paleo info			
28935	Santa Barbara	New Cuyama	21092		SW corner quad	189-C	Salisbury Cyn 15'		no paleo info			
28936	Santa Barbara	New Cuyama	21093		SW corner quad	189-C	Salisbury Cyn 15'		no paleo info			
28937	Santa Barbara	New Cuyama	21094		SW corner quad	189-C	Salisbury Cyn 15'		no paleo info			
28938	Santa Barbara	New Cuyama	21095		SW corner quad	189-C	Salisbury Cyn 15'		no paleo info			
28939	Santa Barbara	Salisbury Potrero	21097		NW corner quad	189-C	Salisbury Cyn 15'		no paleo info			
28940	Santa Barbara	Salisbury Potrero	21098		NW corner quad	189-C	Salisbury Cyn 15'		no paleo info			
28941	Humboldt	Fields Landing	21302	3	Henderson Gulch	260-A	Fortuna 15'		not diagnostic			
28942	Humboldt	Fields Landing	21302	4	Henderson Gulch	260-A	Eureka 15'		not diagnostic			
28943	Humboldt	Eureka	21303	1	Rynn Creek	260-A	Eureka 15'		barren			
28944	Humboldt	Eureka	21304		Rynn Creek	260-A	Eureka 15'	rich fauna	Upper Pliocene			
28945	Humboldt	Arcata South	21307		SE of Freshwater	260-A	Eureka 15'		Upper Pliocene			
28946	Humboldt	McWhinney Creek	21312		NC part of quad	260-A	Fortuna 15'		Cret/Paleocene			
28947	Humboldt	McWhinney Creek	21318	1	N Fork Elk River	260-A	Fortuna 15'		Upper Pliocene	Read		
28948	Humboldt	McWhinney Creek	21318	2	N Fork Elk River	260-A	Fortuna 15'		Upper Pliocene	Read		
28949	Humboldt	McWhinney Creek	21319	2	N Fork Elk River	260-A	Fortuna 15'		Upper Pliocene	Read		
28950	Humboldt	Fields Landing	21320	3	N Fork Elk River	260-B	Fortuna 15'	reworked?	not diagnostic	Read		
28951	Humboldt	Fields Landing	21320	4	N Fork Elk River	260-B	Fortuna 15'		Cret/Paleocene	Read		
28952	Humboldt	Fields Landing	21320	6	N Fork Elk River	260-B	Fortuna 15'		not diagnostic	Read		
28953	Humboldt	Fields Landing	21320	7	N Fork Elk River	260-B	Fortuna 15'		not diagnostic	Read		
28954	Humboldt	Fields Landing	21320	10	N Fork Elk River	260-B	Fortuna 15'		Upper Pliocene	Read		
28955	Humboldt	McWhinney Creek	21320	12	N Fork Elk River	260-B	Fortuna 15'		not diagnostic	Read		
28956	Humboldt	McWhinney Creek	21321	1	N Fork Elk River	260-B	Fortuna 15'		Pliocene	Read		
28957	Humboldt	McWhinney Creek	21321	2	N Fork Elk River	260-B	Fortuna 15'	reworked?	Pliocene	Read		
28958	Humboldt	McWhinney Creek	21321	3	N Fork Elk River	260-B	Fortuna 15'		not diagnostic	Read		
28959	Humboldt	McWhinney Creek	21321	4	N Fork Elk River	260-B	Fortuna 15'		not diagnostic	Read		
28960	Humboldt	McWhinney Creek	21321	5	N Fork Elk River	260-B	Fortuna 15'	reworked?	Pliocene	Read		
28961	Humboldt	McWhinney Creek	21322	1	Cloney Gulch	260-B	Fortuna 15'		Upper Pliocene	Read		
28962	Humboldt	McWhinney Creek	21322	2	Cloney Gulch	260-B	Fortuna 15'		not diagnostic	Read		
28963	Humboldt	McWhinney Creek	21322	3	Cloney Gulch	260-B	Fortuna 15'	reworked?	Upper Pliocene	Read		
28964	Humboldt	Arcata South	21322	5	Cloney Gulch	260-B	Eureka 15'		Upper Pliocene	Read		
28965	Humboldt	Arcata South	21322	7	Cloney Gulch	260-B	Eureka 15'		not diagnostic	Read		
28966	Humboldt	Arcata South	21323	1	McCreedy Gulch	260-B	Eureka 15'		not diagnostic	Read		
28967	Humboldt	McWhinney Creek	21324	3	L Freshwater Ck	260-B	Fortuna 15'		Upper Pliocene	Read		
28968	Humboldt	McWhinney Creek	21324	4	L Freshwater Ck	260-B	Fortuna 15'	reworked?	Pliocene	Read		
28969	Humboldt	McWhinney Creek	21324	5	L Freshwater Ck	260-B	Fortuna 15'		not diagnostic	Read		
28970	Humboldt	McWhinney Creek	21325	6	NE of Ridgewood H	260-B	Fortuna 15'	reworked?	Pliocene	Read		
28971	Humboldt	McWhinney Creek	21326	1	E of Ridgewood H	260-B	Fortuna 15'		Cret/Paleocene	Read		
28972	Humboldt	McWhinney Creek	21326	2	E of Ridgewood H	260-B	Fortuna 15'		not diagnostic	Read		
28973	Humboldt	McWhinney Creek	21334	5	West Fork	260-B	Fortuna 15'		Upper Pliocene	Read		
28974	Humboldt	Arcata South	21335	1	Freshwater Cornr	260-B	Eureka 15'		barren	Read		
28975	Humboldt	Arcata South	21335	2	Freshwater Cornr	260-B	Eureka 15'		barren	Read		
28976	Humboldt	McWhinney Creek	21336	3	S Fork Elk River	260-B	Fortuna 15'		Lower Pliocene	Read		
28977	Humboldt	McWhinney Creek	21336	4	S Fork Elk River	260-B	Fortuna 15'	reworked?	Pliocene	Read		
28978	Humboldt	McWhinney Creek	21336	6	S Fork Elk River	260-B	Fortuna 15'		Lower Pliocene	Read		
28979	Humboldt	McWhinney Creek	21336	7	S Fork Elk River	260-B	Fortuna 15'		Lower Pliocene	Read		
28980	Humboldt	McWhinney Creek	21336	8	S Fork Elk River	260-B	Fortuna 15'		Lower Pliocene	Read		
28981	Humboldt	McWhinney Creek	21336	9	S Fork Elk River	260-B	Fortuna 15'		Lower Pliocene	Read		
28982	Humboldt	McWhinney Creek	21336	10	S Fork Elk River	260-B	Fortuna 15'		Lower Pliocene	Read		
28983	Humboldt	McWhinney Creek	21337	1	S Fork Elk River	260-C	Fortuna 15'		Lower Pliocene	Read		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ZONE/SERIES/AG	COLLECTORS		
28984	Humboldt	McWhinney Creek	21337	2	S Fork Elk River	260-C	Fortuna 15'		Lower Pliocene	Read		
28985	Humboldt	McWhinney Creek	21337	3	S Fork Elk River	260-C	Fortuna 15'		Upper Pliocene	Read		
28986	Humboldt	McWhinney Creek	21337	4	S Fork Elk River	260-C	Fortuna 15'		Upper Pliocene	Read		
28987	Humboldt	McWhinney Creek	21337	6	S Fork Elk River	260-C	Fortuna 15'		Upper Pliocene	Read		
28988	Humboldt	McWhinney Creek	21337	7	S Fork Elk River	260-C	Fortuna 15'		not diagnostic	Read		
28989	Humboldt	McWhinney Creek	21337	8	S Fork Elk River	260-C	Fortuna 15'		not diagnostic	Read		
28990	Humboldt	Fields Landing	21337	9	S Fork Elk River	260-C	Fortuna 15'		not diagnostic	Read		
28991	Humboldt	McWhinney Creek	21337	11	S Fork Elk River	260-C	Fortuna 15'		Upper Pliocene	Read		
28992	Humboldt	Arcata South	21338	1	E of Freshwater	260-C	Fortuna 15'		Upper Pliocene	Read		
28993	Humboldt	Arcata South	21339	1	E of Freshwater	260-C	Fortuna 15'		barren	Read		
28994	Humboldt	Arcata South	21339	2	E of Freshwater	260-C	Fortuna 15'		Upper Pliocene	Read		
28995	Humboldt	McWhinney Creek	21340	5	E of Loleta	260-C	Fortuna 15'		Upper Pliocene	Read		
28996	Humboldt	McWhinney Creek	21340	6	E of Loleta	260-C	Fortuna 15'		Lower Pliocene	Read		
28997	Humboldt	McWhinney Creek	21340	7	E of Loleta	260-C	Fortuna 15'		Pliocene	Read		
28998	Humboldt	McWhinney Creek	21340	8	E of Loleta	260-C	Fortuna 15'		Lower Pliocene	Read		
28999	Humboldt	McWhinney Creek	21340	9	E of Loleta	260-C	Fortuna 15'		barren	Read		
29000	Humboldt	McWhinney Creek	21340	10	E of Loleta	260-C	Fortuna 15'		Lower Pliocene	Read		
29001	Humboldt	McWhinney Creek	21340	12	E of Loleta	260-C	Fortuna 15'		Lower Pliocene	Read		
29002	Humboldt	McWhinney Creek	21340	13	E of Loleta	260-C	Fortuna 15'		Lower Pliocene	Read		
29003	Humboldt	McWhinney Creek	21340	14	E of Loleta	260-C	Fortuna 15'		Lower Pliocene	Read		
29004	Humboldt	McWhinney Creek	21340	15	E of Loleta	260-C	Fortuna 15'		not diagnostic	Read		
29005	Humboldt	Fields Landing	21341	1	Salmon Creek	260-C	Fortuna 15'		Lower Pliocene	Read		
29006	Humboldt	Fields Landing	21341	2	Salmon Creek	260-C	Fortuna 15'		Lower Pliocene	Read		
29007	Humboldt	Fields Landing	21341	4	Salmon Creek	260-C	Fortuna 15'		not diagnostic	Read		
29008	Humboldt	Fields Landing	21341	5	Salmon Creek	260-C	Fortuna 15'		Pliocene	Read		
29009	Humboldt	Fields Landing	21341	6	Salmon Creek	260-C	Fortuna 15'		not diagnostic	Read		
29010	Humboldt	Fields Landing	21341	7	Salmon Creek	260-C	Fortuna 15'		Upper Pliocene	Read		
29011	Humboldt	Fields Landing	21341	8	Salmon Creek	260-C	Fortuna 15'		not diagnostic	Read		
29012	Humboldt	Fields Landing	21341	9	Salmon Creek	260-C	Fortuna 15'		Pliocene	Read		
29013	Humboldt	Fields Landing	21341	11	Salmon Creek	260-C	Fortuna 15'		Upper Pliocene	Read		
29014	Humboldt	Hydesville	21342	1	Blanton Prairie	260-C	Fortuna 15'		Paleocene	Read		
29015	Humboldt	Hydesville	21342	2	Blanton Prairie	260-C	Fortuna 15'		not diagnostic	Read		
29016	Humboldt	Hydesville	21342	3	Blanton Prairie	260-C	Fortuna 15'		poss Paleocene	Read		
29017	Humboldt	Hydesville	21342	7	Blanton Prairie	260-C	Fortuna 15'	diatoms	barren	Read		
29018	Humboldt	Fields Landing	21342	8	Blanton Prairie	260-C	Fortuna 15'		barren	Read		
29019	Contra Costa	Brentwood	21361	IPC 268	Marsh Creek	208-D			Prob U Cret E zone	Colburn		
29020	Contra Costa	Clayton	21363	etc 551	SE corner of quad	208-D			Cretaceous	Colburn		
29021	Contra Costa	Clayton	21363	551RS	SE corner of quad	none		resample	L Cret J-1 zone	Berry		
29022	Contra Costa	Clayton	21364	553	SE corner of quad	208-D			Cretaceous	Colburn		
29023	Contra Costa	Clayton	21364	553RS	SE corner of quad	none		resample	L Cret J-1 zone	Berry		
29024	Contra Costa	Antioch South	21365	554	Marsh Creek Road	208-D			Cretaceous	Colburn		
29025	Contra Costa	Antioch South	21366	556	Marsh Creek Road	208-D			U Cret I zone	Colburn		
29026	Contra Costa	Diablo	21367	557	Curry Canyon	208-D		abun planktics	Eocene B-1 zpm	Colburn		
29027	Contra Costa	Diablo	21368	559	Curry Canyon	208-D			Cret/Paleocene	Colburn		
29028	Contra Costa	Brentwood	21369	564	now in reservoir	208-D			U Cret C/D zones	Colburn		
29029	Contra Costa	Brentwood	21370	565	Marsh Creek	208-D		age from map	U Cret C/D zones	Colburn		
29030	Contra Costa	Brentwood	21371	568	Marsh Creek	208-D		age from map	U Cret D/E zones	Colburn		
29031	Contra Costa	Brentwood	21372	569	Marsh Creek	208-D		age from map	U Cret D/E zones	Colburn		
29032	Contra Costa	Brentwood	21373	570	Marsh Creek	208-D		age from map	U Cret E zone	Colburn		
29033	Contra Costa	Tassajara	21374	572	NE corner of quad	208-E			U Cret F zone	Colburn		
29034	Contra Costa	Antioch South	21375	573	Marsh Creek Road	208-E		age from map	U Cret F-1 zone	Colburn		
29035	Contra Costa	Antioch South	21377	575	Marsh Creek Road	208-E		age from map	U Cret H or older	Colburn		
29036	Contra Costa	Antioch South	21378	576	Marsh Creek Road	208-E		age from map	not diagnostic	Colburn		
29037	Contra Costa	Antioch South	21379	577	Marsh Creek Road	208-E		age from map	U Cret H or older	Colburn		
29038	Contra Costa	Antioch South	21380	578	Marsh Creek Road	208-E		age from map	U Cret H or older	Colburn		
29039	Contra Costa	Antioch South	21382	580	Marsh Creek Road	208-E			U Cret H or older	Colburn		
29040	Contra Costa	Clayton	21383	581	Clayton Road	208-E			U Cret H or older	Colburn		
29041	Contra Costa	Clayton	21384	582	Clayton Road	208-E			U Cret H or older	Colburn		
29042	Contra Costa	Antioch South	21385	41	Briones Valley Rd	208-E			U Cret F zone	Colburn		
29043	Contra Costa	Antioch South	21386	42	Briones Valley Rd	208-E			U Cret E/G zones	Colburn		
29044	Contra Costa	Antioch South	21387		Deer Valley Road	208-E		age from map	not diagnostic	Colburn		
29045	Contra Costa	Clayton	21388	118	Castle Rock Park	208-E			Eocene B-1 zone	Colburn		
29046	Contra Costa	Diablo	21389	86	NW part of quad	208-E			Eocene B-1 zone	Colburn		
29047	Contra Costa	Brentwood	21390	250	Marsh Creek	208-E		age from map	U Cret C/D zones	Colburn		
29048	Contra Costa	Diablo	21391	88	NC part of quad	208-E			Eocene B-1 zone	Colburn		
29049	Contra Costa	Clayton	21392	249	Nortonville	208-E			Paleocene D zone	Colburn		
29050	Contra Costa	Clayton	21393	117	Castle Rock Park	208-E			Eocene B-1 zone	Colburn		
29051	Contra Costa	Clayton	21394	222	Mitchell Creek	208-E			Lower Cretaceous	Colburn		
29052	Contra Costa	Clayton	21395	245	Nortonville	208-E			Paleocene D zone	Colburn		
29053	Contra Costa	Antioch South	21396	397	Oil Canyon	208-E			U Cret E/G zones	Colburn		
29054	Contra Costa	Diablo	21397	93	NC part of quad	208-E			Eocene B-1 zone	Colburn		
29055	Contra Costa	Antioch South	21398	401	Deer Valley Road	208-E			Paleocene D/E zone	Colburn		
29056	Contra Costa	Tassajara	21399	41	center of quad	208-E			Paleocene/Eocene	Colburn		
29057	Contra Costa	Tassajara	21400	201	NW part of quad	208-E			U Cret E/G zones	Colburn		
29058	Contra Costa	Diablo	21401	27A	NE part of quad	208-E			Eocene/Paleocene	Colburn		
29059	Contra Costa	Brentwood	21402	213	SW corner of quad	208-E			U Cret C/D zones	Colburn		
29060	Contra Costa	Antioch South	21405	539	S of Stewartville	208-E			Paleocene E zone	Colburn		
29061	Contra Costa	Tassajara	21406	841	NW part of quad	208-E			Upper Cretaceous	Colburn		
29062	Contra Costa	Walnut Creek	21454		NW of Pacheco	103K	sa # 22046		no paleo info			
29063	Contra Costa	Antioch South	21461	1A	Deer Valley Road	226-E	Mt Diablo auger	excell fauna	U Cret E zone	Brenna		
29064	Contra Costa	Antioch South	21461	1B	Deer Valley Road	226-E	Mt Diablo auger		U Cret E zone	Brenna		
29065	Contra Costa	Antioch South	21461	2A	Deer Valley Road	226-E	Mt Diablo auger		U Cret E zone	Brenna		
29066	Contra Costa	Antioch South	21461	2B	Deer Valley Road	226-E	Mt Diablo auger		U Cret E zone	Brenna		
29067	Contra Costa	Antioch South	21461	3A	Deer Valley Road	226-F	Mt Diablo auger		U Cret E zone	Brenna		
29068	Contra Costa	Antioch South	21461	3B	Deer Valley Road	226-F	Mt Diablo auger		U Cret E zone	Brenna		

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1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
29154	Contra Costa	Tassajara	21465	27	Marsh Creek Road	226-H	Mt Diablo auger		not diagnostic	Brenna		
29155	Contra Costa	Tassajara	21465	28	Marsh Creek Road	226-H	Mt Diablo auger		not diagnostic	Brenna		
29156	Contra Costa	Tassajara	21465	29	Marsh Creek Road	226-H	Mt Diablo auger		prob U Cret H zone	Brenna		
29157	Contra Costa	Tassajara	21465	30	Marsh Creek Road	226-H	Mt Diablo auger		not diagnostic	Brenna		
29158	Contra Costa	Diablo	21466	1B	Curry Canyon	226-H	Mt Diablo auger		L Cret J zone	Brenna		
29159	Contra Costa	Diablo	21466	2	Curry Canyon	226-H	Mt Diablo auger		L Cret J-1 zone	Brenna		
29160	Contra Costa	Tassajara	21466	3A	Curry Canyon	226-H	Mt Diablo auger		L Cret J-1 zone	Brenna		
29161	Contra Costa	Tassajara	21466	3B	Curry Canyon	226-H	Mt Diablo auger		L Cret J-1 zone	Brenna		
29162	Contra Costa	Byron Hot Springs	21467	1	Kellogg Creek	226-H	Mt Diablo auger		U Cret E zone	Brenna		
29163	Contra Costa	Byron Hot Springs	21467	2	Kellogg Creek	226-H	Mt Diablo auger		U Cret E zone	Brenna		
29164	Contra Costa	Byron Hot Springs	21467	3	Kellogg Creek	226-H	Mt Diablo auger		U Cret E/F zones	Brenna		
29165	Contra Costa	Byron Hot Springs	21467	4	Kellogg Creek	226-H	Mt Diablo auger		U Cret F zone	Brenna		
29166	Contra Costa	Byron Hot Springs	21467	5	Kellogg Creek	226-H	Mt Diablo auger		U Cret F-2 zone	Brenna		
29167	Contra Costa	Byron Hot Springs	21467	6A	Kellogg Creek	226-H	Mt Diablo auger		U Cret F/G zone	Brenna		
29168	Contra Costa	Byron Hot Springs	21467	7A	Kellogg Creek	226-H	Mt Diablo auger		U Cret G-1 zone	Brenna		
29169	Contra Costa	Byron Hot Springs	21467	8A	Kellogg Creek	226-H	Mt Diablo auger		U Cret G zone	Brenna		
29170	Contra Costa	Byron Hot Springs	21467	9	Kellogg Creek	226-H	Mt Diablo auger	flood rads	U Cret G-2 zone	Brenna		
29171	Contra Costa	Byron Hot Springs	21467	9A	Kellogg Creek	226-H	Mt Diablo auger	flood rads	U Cret G-2 zone	Brenna		
29172	Contra Costa	Byron Hot Springs	21467	10A	Kellogg Creek	226-H	Mt Diablo auger		U Cret H zone	Brenna		
29173	Contra Costa	Byron Hot Springs	21467	11A	Kellogg Creek	226-H	Mt Diablo auger		U Cret H zone	Brenna		
29174	Contra Costa	Byron Hot Springs	21467	12	Kellogg Creek	226-H	Mt Diablo auger		U Cret H zone	Brenna		
29175	Contra Costa	Byron Hot Springs	21467	13A	Kellogg Creek	226-H	Mt Diablo auger		U Cret H/I zones	Brenna		
29176	Contra Costa	Byron Hot Springs	21467	14	Kellogg Creek	226-H	Mt Diablo auger		Upper Cretaceous	Brenna		
29177	Contra Costa	Byron Hot Springs	21467	15A	Kellogg Creek	226-H	Mt Diablo auger		U Cret G-2 zone	Brenna		
29178	Contra Costa	Byron Hot Springs	21467	16A	Kellogg Creek	226-H	Mt Diablo auger		Upper Cretaceous	Brenna		
29179	Contra Costa	Byron Hot Springs	21468	17A	Kellogg Creek	226-H	Mt Diablo auger		U Cret G1 zone	Brenna		
29180	Contra Costa	Byron Hot Springs	21468	17B	Kellogg Creek	226-H	Mt Diablo auger		U Cret G zone	Brenna		
29181	Contra Costa	Byron Hot Springs	21468	1	Dyer Road	226-H	Mt Diablo auger		prob U Cret G-1	Brenna		
29182	Contra Costa	Byron Hot Springs	21468	2	Dyer Road	226-H	Mt Diablo auger		prob U Cret G-1	Brenna		
29183	Contra Costa	Byron Hot Springs	21468	3	Dyer Road	226-H	Mt Diablo auger		prob U Cret G-1	Brenna		
29184	Contra Costa	Byron Hot Springs	21468	4	Dyer Road	226-H	Mt Diablo auger		prob U Cret G-1	Brenna		
29185	Contra Costa	Byron Hot Springs	21468	5	Dyer Road	226-H	Mt Diablo auger		prob U Cret F-2	Brenna		
29186	Santa Barbara	Fox Mountain	21470		Alamo Canyon	260-F	Vedder Mf 933		Relizian	Vedder		
29187	Santa Barbara	Fox Mountain	21471		Cox Canyon	260-F	Vedder Mf 936		Upper Relizian	Vedder		
29188	Santa Barbara	Fox Mountain	21472		Cox Canyon	260-F	Vedder Mf 940		Relizian/Luisian	Vedder		
29189	Santa Barbara	Fox Mountain	21473		Alamo Canyon	260-F	Vedder Mf 946		Middle Miocene	Vedder		
29190	San Luis Obispo	Wells Ranch	21474		Abbott Canyon	260-F	Vedder Mf 975		L or M Miocene	Vedder		
29191	Merced	San Luis Dam	21482	14	At San Luis Dam	222-G			no paleo Info	Berry		
29192	Merced	San Luis Dam	21482	15	At San Luis Dam	222-G			no paleo Info	Berry		
29193	Merced	San Luis Dam	21482	16	At San Luis Dam	222-G			no paleo Info	Berry		
29194	Merced	San Luis Dam	21482	18	At San Luis Dam	222-G			no paleo Info	Berry		
29195	Merced	San Luis Dam	21482	19A	At San Luis Dam	222-G			no paleo Info	Berry		
29196	Merced	San Luis Dam	21482	19B	At San Luis Dam	222-G			no paleo Info	Berry		
29197	Merced	San Luis Dam	21482	20	At San Luis Dam	222-G			no paleo Info	Berry		
29198	Merced	San Luis Dam	21482	21	At San Luis Dam	222-G			no paleo Info	Berry		
29199	Merced	San Luis Dam	21482	22	At San Luis Dam	222-G			no paleo Info	Berry		
29200	Merced	San Luis Dam	21482	23A	At San Luis Dam	222-G			no paleo Info	Berry		
29201	Merced	San Luis Dam	21482	23B	At San Luis Dam	222-G			no paleo Info	Berry		
29202	Merced	San Luis Dam	21483	1	At San Luis Dam	222-G			no paleo Info	Berry		
29203	Merced	San Luis Dam	21483	2	At San Luis Dam	222-G			no paleo Info	Berry		
29204	Merced	San Luis Dam	21483	3	At San Luis Dam	222-G			no paleo Info	Berry		
29205	Contra Costa	not found	21490		Mt Diablo	53-D		nice fauna	no paleo Info	Berry		
29206	Contra Costa	Walnut Creek	21491		NW corner quad	53-D			no paleo Info	Berry		
29207	Contra Costa	Walnut Creek	21494	1	NW corner quad	53-D			no paleo Info	Berry		
29208	Contra Costa	Walnut Creek	21494	2	NW corner quad	53-D			no paleo Info	Berry		
29209	Contra Costa	Walnut Creek	21494	3	NW corner quad	53-D			no paleo Info	Berry		
29210	Contra Costa	Byron Hot Springs?	21502		not found	226-C			U Cret F-2 zone	Colburn		
29211	Contra Costa	Byron Hot Springs	21503		Vasco Road	226-C		good calc	U Cret G-2 fauna	Colburn		
29212	Contra Costa	Byron Hot Springs	21504		Vasco Road	226-C		see 11584	U Cret F-2 zone	Colburn		
29213	Contra Costa	Byron Hot Springs	21506		Vasco Road	226-C			U Cret G-2 fauna	Colburn		
29214	Contra Costa	Byron Hot Springs	21509		Vasco Road	226-D			not diagnostic	Colburn		
29215	Contra Costa	Byron Hot Springs	21510		Vasco Road	226-D			prob U Cret G-2	Colburn		
29216	Alameda	Byron Hot Springs	21511		SE part quad	226-D			U Cret F-2 zone	Colburn		
29217	Alameda	Altamont	21519		Altamont Creek	226-D			U Cret F-2 zone	Colburn		
29218	Alameda	Altamont	21520		Altamont Creek	226-D			U Cret F-2 zone	Colburn		
29219	Alameda	Altamont	21521		Altamont Creek	226-D			not diagnostic	Colburn		
29220	Alameda	Altamont	21522		Altamont Creek	226-D			U Cret F-2 zone	Colburn		
29221	Alameda	Altamont	21523		Altamont Creek	226-D			no paleo Info	Colburn		
29222	Alameda	Altamont	21524		NE part quad	226-D		age from map	U Cret F-2 zone	Colburn		
29223	Alameda	not found	21525		Altamont Pass	226-D			no paleo Info	Colburn		
29224	Alameda	Altamont	21526		NE part quad	226-D		age from map	Upper Cretaceous	Colburn		
29225	Alameda	not found	21527		Altamont Pass	226-D			no paleo Info	Colburn		
29226	Alameda	Clifton Court Forebay	21528		SW part quad	226-D		age from map	U Cret F-2 zone	Colburn		
29227	Alameda	Clifton Court Forebay	21529		SW part quad	226-D		age from map	barren	Colburn		
29228	Alameda	Clifton Court Forebay	21532		SW part quad	226-D		age from map	U Cret F-2 zone	Colburn		
29229	Alameda	Clifton Court Forebay	21535		SW part quad	226-D		age from map	U Cret F-2 zone	Colburn		
29230	Alameda	Clifton Court Forebay	21536		SW part quad	226-D		age from map	U Cret F-2 zone	Colburn		
29231	Alameda	Clifton Court Forebay	21537		SW part quad	226-D		age from map	?U Cret F-2 zone	Colburn		
29232	Alameda	Clifton Court Forebay	21538		SW part quad	226-D		age from map	?U Cret F-2 zone	Colburn		
29233	Alameda	Midway	21539		Mountain House C	226-D			U Cret F-2 zone	Colburn		
29234	Alameda	Midway	21540		Mountain House C	226-D			U Cret F-2 zone	Colburn		
29235	Alameda	Altamont	21541		Altamont Creek	226-D		age from map	not diagnostic	Colburn		
29236	Alameda	Altamont	21542		Altamont Creek	226-D		age from map	U Cret F-2/E zone	Colburn		
29237	Alameda	Altamont	21543		Altamont Creek	226-D		age from map	not diagnostic	Colburn		
29238	Alameda	Altamont	21544		Altamont Creek	226-D		age from map	U Cret F-2 zone	Colburn		

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1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
29239	Alameda	Altamont	21545		Altamont Creek	226-D		age from map	not diagnostic	Colburn		
29240	Alameda	Altamont	21548		Altamont Creek	226-D		age from map	barren	Colburn		
29241	Alameda	Altamont	21549		Altamont Creek	226-D		age from map	barren	Colburn		
29242	Alameda	Altamont	21550		Altamont Creek	226-D		age from map	U Cret F-2 zone	Colburn		
29243	Alameda	Altamont	21551		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
29244	Alameda	Altamont	21552		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
29245	Alameda	Altamont	21553		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
29246	Alameda	Altamont	21554		Highway 580	226-D		age from map	not diagnostic	Colburn		
29247	Alameda	Altamont	21555		Highway 580	226-D		age from map	U Cret F/G zones	Colburn		
29248	Alameda	Altamont	21556		Highway 580	226-D		age from map	U Cret F/G zones	Colburn		
29249	Alameda	Altamont	21557		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
29250	Alameda	Altamont	21558		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
29251	Alameda	Altamont	21559		Highway 580	226-D		age from map	not diagnostic	Colburn		
29252	Alameda	Altamont	21560		Highway 580	226-D		age from map	not diagnostic	Colburn		
29253	Alameda	Altamont	21561		Highway 580	226-D		age from map	U Cret F/G zones	Colburn		
29254	Alameda	Altamont	21562		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
29255	Alameda	Altamont	21563		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
29256	Alameda	Altamont	21564		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
29257	Alameda	Altamont	21565		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
29258	Alameda	Altamont	21566		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
29259	Alameda	Altamont	21567		Highway 580	226-D		age from map	U Cret F/G zones	Colburn		
29260	Alameda	Altamont	21568		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
29261	Alameda	Altamont	21569		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
29262	Alameda	Altamont	21570		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
29263	Alameda	Midway	21571		Mountain House C	226-D			U Cret F-2 zone	Colburn		
29264	Alameda	Midway	21572		Mountain House C	226-D			U Cret F-2 zone	Colburn		
29265	Alameda	Midway	21573		Mountain House C	226-E			U Cret F-2 zone	Colburn		
29266	Alameda	Midway	21574		Mountain House C	226-E			U Cret F-2 zone	Colburn		
29267	Alameda	Midway	21574		Mountain House C	226-E			U Cret F-2 zone	Colburn		
29268	Alameda	Midway	21575		Mountain House C	226-E			U Cret F-2 zone	Colburn		
29269	Alameda	Midway	21576		Mountain House C	226-E			U Cret F-2 zone	Colburn		
29270	Alameda	not found	21577		not found	226-E			U Cret F-2 zone	Colburn		
29271	Alameda	Altamont	21578		Highway 580	226-E			U Cret F-2 zone	Colburn		
29272	Alameda	Altamont	21579		Highway 580	226-E			U Cret F-2 zone	Colburn		
29273	Alameda	Altamont	21582		Highway 580	226-E			U Cret F-2 zone	Colburn		
29274	Alameda	Altamont	21583		Highway 580	226-E			U Cret F-2 zone	Colburn		
29275	Alameda	Altamont	21584		Highway 580	226-E			U Cret F-2 zone	Colburn		
29276	Alameda	Altamont	21585		Highway 580	226-E			U Cret F-2 zone	Colburn		
29277	Alameda	Altamont	21586		NE part quad	226-E			Upper Cretaceous	Colburn		
29278	Alameda	Midway	21587		Mountain House C	226-E			U Cret F-2 zone	Colburn		
29279	Alameda	Midway	21588		Mountain House C	226-E			U Cret F-2 zone	Colburn		
29280	Alameda	Midway	21589		Altamont Pass Rd	226-E			not diagnostic	Colburn		
29281	Alameda	Midway	21592		Altamont Pass Rd	226-E			U Cret F-2 zone	Colburn		
29282	Alameda	Altamont	21593		Highway 580	226-E		age from map	U Cret E zone	Colburn		
29283	Alameda	Altamont	21594		Highway 580	226-E		age from map	U Cret E zone	Colburn		
29284	Alameda	Altamont	21595		SE of Highway 580	226-E			not diagnostic	Colburn		
29285	Alameda	Tassajara	21596		EC part of quad	226-E			U Cret H zone	Colburn		
29286	Alameda	Tassajara	21597		EC part of quad	226-E			not diagnostic	Colburn		
29287	Alameda	not found	21600		see # 13721	226-E		flood rads	U Cret G zone	Colburn		
29288	Solano	Mount Vaca	21601		Gates Canyon	228-J			?U Cret G-1 zone	Beck		
29289	Solano	Mount Vaca	21602		Gates Canyon	228-J			?U Cret G-1 zone	Beck		
29290	Solano	Mount Vaca	21603		Gates Canyon	228-J			?U Cret G-2 zone	Beck		
29291	Solano	Mount Vaca	21605		Gates Canyon	228-J			not diagnostic	Beck		
29292	Solano	Mount Vaca	21608		Gates Canyon	228-J			not diagnostic	Beck		
29293	Solano	Mount Vaca	21609		Gates Canyon	228-J			not diagnostic	Beck		
29294	Solano	Fairfield North	21611		N of Cherry Glen	228-J			U Cret F-2 zone	Beck		
29295	Solano	Fairfield North	21612		N of Cherry Glen	228-J			not diagnostic	Beck		
29296	Solano	Fairfield North	21613		N of Cherry Glen	228-J			Cret F-2 or G-1	Beck		
29297	Solano	Fairfield North	21614		N of Cherry Glen	228-J			Cret F-2 or G-1	Beck		
29298	Solano	Fairfield North	21615	A	SE of Cherry Glen	228-J			Cret F-2 or G-1	Beck		
29299	Solano	Fairfield North	21615	B	SE of Cherry Glen	228-J			Cret F-2 or G-1	Beck		
29300	Solano	Fairfield North	21616		SE of Cherry Glen	228-K			Cret F-2 or G-1	Beck		
29301	Solano	Fairfield North	21617		SE of Cherry Glen	228-K			Cret F-2 or G-1	Beck		
29302	Solano	Fairfield North	21618	A	SE of Cherry Glen	228-K			Cret F-2 or G-1	Beck		
29303	Solano	Fairfield North	21618	B	SE of Cherry Glen	228-K			Cret F-2 or G-1	Beck		
29304	Solano	Fairfield North	21619		Laurel Creek	228-K			Cret F-2 or G-1	Beck		
29305	Solano	Fairfield North	21620	A	Highway 80	228-K			UK G-2 zone	Beck		
29306	Solano	Fairfield North	21620	B	Highway 80	228-K			UK G-2 zone	Beck		
29307	Solano	Fairfield North	21621		Putah South Canal	228-K			Cret F-2 or G-1	Beck		
29308	Solano	Fairfield North	21622		Fairfield cemetery	228-K			barren	Beck		
29309	Solano	Fairfield North	21623		NW of Mankas Cor	228-K			not diagnostic	Beck		
29310	Solano	Fairfield North	21624		SE of Mankas Cor	228-K			UK G-2 or older	Beck		
29311	Solano	Fairfield North	21625		S of Gregory Rd	228-K			UK G-2 or older	Beck		
29312	Solano	Fairfield North	21626		N of Gregory Road	228-K			not diagnostic	Beck		
29313	Solano	Fairfield North	21627		N of Gregory Road	228-K			not diagnostic	Beck		
29314	Solano	Fairfield North	21628		N of Gregory Road	228-K			U Cret G-1 zone	Beck		
29315	Solano	Fairfield North	21629		NW of Mankas Cor	228-K			older than UK G-1	Beck		
29316	Solano	Fairfield North	21630		Gordon Valley Road	228-K			Lower Cretaceous	Beck		
29317	Napa	Mount George	21631		Gordon Valley Road	228-K			Lower Cretaceous	Beck		
29318	Napa	Fairfield North	21632		Gordon Valley Road	228-K			Lower Cretaceous	Beck		
29319	Napa	Mount George	21633		Suisun Valley	228-K			Lower Cretaceous	Beck		
29320	Napa	Mount George	21633	A	Suisun Valley	228-K			Lower Cretaceous	Beck		
29321	Napa	Mount George	21634		W of Suisun Vly	228-K			Jurassic M zone	Beck		
29322	Napa	Mount George	21635		W of Suisun Vly	228-K			Jurassic M zone	Beck		
29323	Solano	Cordelia	21636		Highway 80	228-K	Carquinez 15'		Cretaceous	Beck		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ZONE/SERIES/AG	COLLECTORS		
29324	Solano	Cordelia	21637		Highway 80	228-K	Carquinez 15'		Cretaceous	Beck		
29325	Solano	Cordelia	21637	A	Highway 80	228-K	Carquinez 15'		Cretaceous	Beck		
29326	Solano	Cordelia	21637	B	Highway 80	228-K	Carquinez 15'		Cretaceous	Beck		
29327	Solano	Cordelia	21637	C	Highway 80	228-K	Carquinez 15'		Cretaceous	Beck		
29328	Napa	Napa	21638		Redwood Road	228-K			U Cret H zone	Beck		
29329	Napa	Napa	21640		Redwood Road	228-K			poss Paleocene	Beck		
29330	Napa	Napa	21641		NE of Redwood Rd	228-K			U Cret H zone	Beck		
29331	Napa	Napa	21641	B	NE of Redwood Rd	228-K			U Cret H zone	Beck		
29332	Napa	Napa	21642		Browns Vly Road	228-K			not diagnostic	Beck		
29333	Napa	Napa	21642	B	Browns Vly Road	228-K			not diagnostic	Beck		
29334	Napa	Napa	21645		Buhman Avenue	228-K			Cretaceous	Beck		
29335	Napa	Napa	21646		Brown Valley	228-K			Cretaceous	Beck		
29336	Napa	Napa	21647		Redwood Road	228-K			Cretaceous	Beck		
29337	Napa	Napa	21649		Grant Boundary	228-K			Cretaceous	Beck		
29338	Napa	Napa	21650		Henry Road	228-K			Cretaceous	Beck		
29339	Sonoma	Rutherford	21651		NE of Dry Ck Road	228-K			not diagnostic	Beck		
29340	Sonoma	Rutherford	21654		NE of Dry Ck Road	228-K			poss Paleocene E	Beck		
29341	Napa	Capell Valley	21656		Capell Creek	228-K			Cretaceous	Beck		
29342	Napa	Capell Valley	21657		Capell Creek	228-K			Cretaceous	Beck		
29343	Napa	Capell Valley	21658		Capell Creek	228-K			older than UK H zone	Beck		
29344	Napa	Capell Valley	21659		Capell Creek	228-K			U or L Cretaceous	Beck		
29345	Napa	Capell Valley	21660		Capell Creek	228-L			Lower Cret J-1	Beck		
29346	Solano	Vine Hill	21665		W of Bahia	228-L			no paleo info	Beck		
29347	Solano	Vine Hill	21666		W of Bahia	228-L			no paleo info	Beck		
29348	Solano	Vine Hill	21667	A	SW of Bahia	228-L			no paleo info	Beck		
29349	Solano	Vine Hill	21667	B	SW of Bahia	228-L			no paleo info	Beck		
29350	Solano	Vine Hill	21668	C	SW of Bahia	228-L			no paleo info	Beck		
29351	Contra Costa	Walnut Creek	21669	A	NW of Pacheco	228-G			no paleo info	Beck		
29352	Contra Costa	Walnut Creek	21669	B	NW of Pacheco	228-G			no paleo info	Beck		
29353	Contra Costa	Walnut Creek	21669	F	NW of Pacheco	228-G			no paleo info	Beck		
29354	Contra Costa	Walnut Creek	21669	H	NW of Pacheco	228-G			no paleo info	Beck		
29355	Contra Costa	Walnut Creek	21669	I	NW of Pacheco	228-G			no paleo info	Beck		
29356	Contra Costa	Walnut Creek	21669	K	NW of Pacheco	228-G			no paleo info	Beck		
29357	Contra Costa	Walnut Creek	21670		NW of Pacheco	228-G			no paleo info	Beck		
29358	Contra Costa	Walnut Creek	21671	A	NW of Pacheco	228-G			no paleo info	Beck		
29359	Contra Costa	Walnut Creek	21671	C	NW of Pacheco	228-G			no paleo info	Beck		
29360	Contra Costa	Walnut Creek	21673		Concord	228-G			no paleo info	Beck		
29361	Contra Costa	Walnut Creek?	21674	A	not found	228-G	Concord area	good fauna	no paleo info	Beck		
29362	Contra Costa	Walnut Creek?	21674	B	not found	228-G	Concord area	good fauna	no paleo info	Beck		
29363	Napa	Napa	21675	B	Buhman Avenue	103-K	Sonoma 15'		not diagnostic	Beck		
29364	Napa	Napa	21676		W of Westwood St	103-K	Sonoma 15'		Eocene B zone	Beck		
29365	Napa	Napa	21677	A	Redwood Road	103-K	Sonoma 15'		Eocene B zone	Beck		
29366	Contra Costa	Walnut Creek	22032		N of Pacheco	223-G			no paleo info	Paulson		
29367	Contra Costa	Walnut Creek	22032	A	N of Pacheco	223-G			no paleo info	Paulson		
29368	Contra Costa	Walnut Creek	22032	B	N of Pacheco	223-G			no paleo info	Paulson		
29369	Contra Costa	Walnut Creek	22033		NW of Pacheco	223-G			no paleo info			
29370	Contra Costa	Walnut Creek	22034		NW corner quad	103-K			no paleo info			
29371	Contra Costa	Walnut Creek	22037		NW corner quad	103-K			no paleo info			
29372	Contra Costa	Walnut Creek	22038		NW corner quad	103-K			no paleo info			
29373	Contra Costa	Walnut Creek	22039		NW corner quad	103-K			no paleo info			
29374	Contra Costa	Walnut Creek	22041		NW corner quad	103-K			no paleo info			
29375	Contra Costa	Walnut Creek	22042		NW corner quad	103-K			no paleo info			
29376	Contra Costa	Walnut Creek	22043		NW corner quad	103-K			no paleo info			
29377	Contra Costa	Diablo	22044	A	Diablo Park HQ	103-K			no paleo info			
29378	Contra Costa	Diablo	22044	B	Diablo Park HQ	103-K			no paleo info			
29379	Contra Costa	Diablo	22045	A	Diablo Park HQ	103-K			no paleo info			
29380	Contra Costa	Diablo	22045	B	Diablo Park HQ	103-K			no paleo info			
29381	Contra Costa	Diablo	22046		NW of Park HQ	103-K	see slide 21454		no paleo info			
29382	Lake	Wilson Valley	22128	1	Crack Canyon	232-L			Upper Jurassic	Ojakangas		
29383	Lake	Wilson Valley	22128	2	Crack Canyon	232-L			Upper Jurassic	Ojakangas		
29384	Lake	Wilson Valley	22128	3	Crack Canyon	232-L			not diagnostic	Ojakangas		
29385	Lake	Wilson Valley	22130	9	Crack Canyon	232-L			Upper Jurassic	Ojakangas		
29386	Lake	Wilson Valley	22130	13	Crack Canyon	232-L		Valanginian	Lower Cretaceous	Ojakangas		
29387	Lake	Wilson Valley	22131	5	Cache Creek	232-L	Kennedy Flats		Lower Cretaceous	Ojakangas		
29388	Lake	Wilson Valley	22131	8	Cache Creek	232-L	Kennedy Flats		Lower Cretaceous	Ojakangas		
29389	Lake	Wilson Valley	22131	14	Cache Creek	232-L	Kennedy Flats	Hauterivian	Lower Cretaceous	Ojakangas		
29390	Lake	Wilson Valley	22131	21	Cache Creek	232-L	Kennedy Flats		Lower Cretaceous	Ojakangas		
29391	Lake	Wilson Valley	22132	1	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
29392	Lake	Wilson Valley	22132	5	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
29393	Lake	Wilson Valley	22132	6	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
29394	Lake	Wilson Valley	22132	7	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
29395	Lake	Wilson Valley	22132	8	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
29396	Lake	Wilson Valley	22132	9	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
29397	Lake	Wilson Valley	22132	10	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
29398	Lake	Wilson Valley	22132	11	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
29399	Lake	Wilson Valley	22132	14	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
29400	Lake	Wilson Valley	22132	17	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
29401	Lake	Wilson Valley	22132	19	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
29402	Lake	Wilson Valley	22133	1	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
29403	Lake	Wilson Valley	22133	2	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
29404	Lake	Wilson Valley	22133	3	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
29405	Lake	Wilson Valley	22133	4	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
29406	Lake	Wilson Valley	22133	5	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
29407	Lake	Wilson Valley	22133	6	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
29408	Lake	Wilson Valley	22133	7	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
29409	Lake	Wilson Valley	22133	8	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
29410	Lake	Wilson Valley	22133	9	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
29411	Lake	Wilson Valley	22133	10	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
29412	Lake	Wilson Valley	22133	11	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
29413	Lake	Wilson Valley	22133	12	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
29414	Lake	Wilson Valley	22133	13	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
29415	Lake	Wilson Valley	22133	14	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
29416	Lake	Wilson Valley	22133	15	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
29417	Lake	Wilson Valley	22133	16	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
29418	Lake	Wilson Valley	22133	17	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
29419	Lake	Wilson Valley	22133	18	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
29420	Lake	Wilson Valley	22133	19	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
29421	Yolo	Glascook Mountain	22134	1	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
29422	Yolo	Glascook Mountain	22134	2	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
29423	Yolo	Glascook Mountain	22134	3	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
29424	Yolo	Glascook Mountain	22134	4	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
29425	Yolo	Glascook Mountain	22134	5	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
29426	Yolo	Glascook Mountain	22134	6	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
29427	Yolo	Glascook Mountain	22134	8	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
29428	Yolo	Glascook Mountain	22134	9	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
29429	Yolo	Glascook Mountain	22134	10	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
29430	Yolo	Glascook Mountain	22134	11	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
29431	Yolo	Glascook Mountain	22134	12	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
29432	Yolo	Glascook Mountain	22134	13	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
29433	Lake	Glascook Mountain	22134	14	Cache Creek	232-M	SE of Buck Island	Aptian	Lower Cretaceous	Ojakangas		
29434	Yolo	Glascook Mountain	22135	1	Cache Creek	232-M	SE of Buck Island	Aptian	Lower Cretaceous	Ojakangas		
29435	Yolo	Glascook Mountain	22135	2	Cache Creek	232-M	SE of Buck Island	Albian	Lower Cretaceous	Ojakangas		
29436	Yolo	Glascook Mountain	22135	8	Cache Creek	232-M	SE of Buck Island	Albian	Lower Cretaceous	Ojakangas		
29437	Yolo	Glascook Mountain	22135	14	Cache Creek	232-M	SE of Buck Island	Albian	Lower Cretaceous	Ojakangas		
29438	Solano	Benecia	22137	1	NW part of quad	210-N			Cretaceous			
29439	Solano	Benecia	22137	2	NW part of quad	210-N			Cretaceous			
29440	Solano	Benecia	22137	3	NW part of quad	210-N			Cretaceous			
29441	Humboldt	Fields Landing	22140		S of Fields Landing	114-B	Fortuna 15'	age from map	Pliocene	Silcox		
29442	Humboldt	Cannibal Island	22141	1	Table Bluff Light	114-B	Ferndale 15'		no paleo info	Silcox		
29443	Humboldt	Cannibal Island	22141	2	Table Bluff Light	114-B	Ferndale 15'		no paleo info	Silcox		
29444	Humboldt	Scotia	22142		Rio Dell	114-B	Scotia 15'		no paleo info	Silcox		
29445	Mendocino	Point Arena	22144	S	Moat Creek	114-B	Point Arena 15'		no paleo info	Silcox		
29446	Mendocino	Point Arena	22144	N	Moat Creek	114-B	Point Arena 15'		no paleo info	Silcox		
29447	Napa	Cordelia	22153		NW part of quad	231-H	Carquinez 15'		no paleo info	Eke		
29448	Napa	Cordelia	22157		NW part of quad	231-H	Carquinez 15'		no paleo info	Eke		
29449	Napa	Cordelia	22158		NW part of quad	231-H	Carquinez 15'		no paleo info	Eke		
29450	Napa	Cordelia	22159		NW part of quad	231-H	Carquinez 15'		no paleo info			
29451	Napa	Cordelia	22160	A	NW part of quad	231-H	Carquinez 15'		no paleo info	Eke		
29452	Napa	Cordelia	22160	B	NW part of quad	231-H	Carquinez 15'		no paleo info	Eke		
29453	Solano	Benecia	22166		NE part of quad	231-H			no paleo info	Eke		
29454	Solano	Cordelia	22169		Highway 80	231-H	Carquinez 15'		no paleo info	Eke		
29455	Solano	Cordelia	22171		Highway 80	231-H	Carquinez 15'		no paleo info	Eke		
29456	Solano	Cordelia	22172		Highway 81	231-H	Carquinez 15'		no paleo info	Eke		
29457	Solano	Cordelia	22173		N of Highway 80	231-H	Carquinez 15'		no paleo info	Eke		
29458	Napa	Cordelia	22196		WC part of quad	231-H	Carquinez 15'		no paleo info	Eke		
29459	Solano	Vine Hill	22205		NW part of quad	231-H			no paleo info	Eke		
29460	Solano	Vine Hill	22206	A	NW part of quad	231-H			no paleo info	Eke		
29461	Solano	Vine Hill	22206	B	NW part of quad	231-H			no paleo info	Eke		
29462	Solano	Vine Hill	22207		NW part of quad	231-H			U ret F-2 zone	Eke		
29463	Contra Costa	Walnut Creek	22208		not on map	231-H	Concord area		no paleo info	Eke		
29464	Contra Costa	Walnut Creek	22209		not on map	231-H	Concord area		no paleo info	Eke		
29465	Contra Costa	Walnut Creek	22210		not on map	231-H	Concord area		no paleo info	Eke		
29466	Contra Costa	Vine Hill	22212		E of Vine Hill	231-H			U Cret F-2 zone	Eke		
29467	Mendocino	Point Arena	22213	4A	Riverside Road	233-E	auger line		Eocene	Christen.		
29468	Mendocino	Point Arena	22213	5A	Riverside Road	233-E	auger line	Eocene NP	Eocene	Christen.		
29469	Mendocino	Point Arena	22213	6A	Riverside Road	233-E	auger line	M Eocene NP	Eocene	Christen.		
29470	Mendocino	Point Arena	22213	12A	Riverside Road	233-E	auger line	Relizian NP	Lower Miocene	Christen.		
29471	Mendocino	Point Arena	22213	13A	Riverside Road	233-E	auger line	M Miocene NP planktics abund	Lower Miocene	Christen.		
29472	Mendocino	Point Arena	22213	14	Riverside Road	233-E	auger line		Lower Miocene	Christen.		
29473	Mendocino	Point Arena	22213	15A	Riverside Road	233-E	auger line	Luis/Mohn NP	Lower Miocene	Christen.		
29474	Mendocino	Point Arena	22213	16A	Riverside Road	233-E	auger line		Lower Miocene	Christen.		
29475	Mendocino	Point Arena	22213	16ARW	Riverside Road	233-E	auger line	NP ages	Lower Miocene	Christen.		
29476	Mendocino	Point Arena	22213	16A2	Riverside Road	233-E	auger line	published by	Lower Miocene	Christen.		
29477	Mendocino	Point Arena	22213	16B	Riverside Road	233-E	auger line	P. L. Miller	Lower Miocene	Christen.		
29478	Mendocino	Point Arena	22213	17A	Riverside Road	233-E	auger line		Lower Miocene	Christen.		
29479	Mendocino	Point Arena	22213	17	Riverside Road	233-E	auger line		Lower Miocene	Christen.		
29480	Mendocino	Point Arena	22213	18A	Riverside Road	233-E	auger line		Lower Miocene	Christen.		
29481	Mendocino	Point Arena	22213	17.5A	Riverside Road	233-E	auger line		Lower Miocene	Christen.		
29482	Mendocino	Point Arena	22213	17.5B	Riverside Road	233-E	auger line		Lower Miocene	Christen.		
29483	Mendocino	Point Arena	22213	18	Riverside Road	233-E	auger line		Lower Miocene	Christen.		
29484	Mendocino	Point Arena	22213	18-40	Riverside Road	233-E	auger line		Lower Miocene	Christen.		
29485	Mendocino	Point Arena	22214	3A	Sea Lion Rocks	233-E	auger line	Luisian NP	Miocene	Christen.		
29486	Mendocino	Point Arena	22214	4A	Sea Lion Rocks	233-E	auger line	Luisian NP	Lower Miocene	Christen.		
29487	Mendocino	Point Arena	22214	5A	Sea Lion Rocks	233-E	auger line	M Miocene NF	Lower Miocene	Christen.		
29488	Mendocino	Point Arena	22214	6A	Sea Lion Rocks	233-E	auger line	M Miocene NF	Lower Miocene	Christen.		
29489	Mendocino	Point Arena	22214	7A	Sea Lion Rocks	233-E	auger line	Luis/Mohn NP	Lower Miocene	Christen.		
29490	Mendocino	Point Arena	22214	8A	Sea Lion Rocks	233-E	auger line		Lower Miocene	Christen.		
29491	Mendocino	Point Arena	22214	9	Sea Lion Rocks	233-E	auger line	poss Sauc NP	Lower Miocene	Christen.		
29492	Mendocino	Point Arena	22214	11	Sea Lion Rocks	233-E	auger line	poss Zern NP	Miocene	Christen.		
29493	Mendocino	Point Arena	22214	13	Sea Lion Rocks	233-E	auger line		not diagnostic	Christen.		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ONE/SERIES/AG	COLLECTORS		
29494	Mendocino	Point Arena	22214	14A	Sea Lion Rocks	233-F	auger line		Lower Miocene	Christen.		
29495	Mendocino	Point Arena	22214	15A	Sea Lion Rocks	233-F	auger line		Lower Miocene	Christen.		
29496	Mendocino	Point Arena	22215	1A	Manchester	233-F	auger line		Miocene	Christen.		
29497	Mendocino	Point Arena	22215	2	Manchester	233-F	auger line		Zemorrian	Christen.		
29498	Mendocino	Point Arena	22215	4A	Manchester	233-F	auger line	shallow sea	not diagnostic	Christen.		
29499	Mendocino	Point Arena	22216	2A	Arena Cove	233-F	auger line		Miocene	Christen.		
29500	Mendocino	Point Arena	22216	3A	Arena Cove	233-F	auger line		Lower Miocene	Christen.		
29501	Mendocino	Point Arena	22216	4A	Arena Cove	233-F	auger line		Lower Miocene	Christen.		
29502	Mendocino	Point Arena	22216	5A	Arena Cove	233-F	auger line		Lower Miocene	Christen.		
29503	Mendocino	Point Arena	22216	6A	Arena Cove	233-F	auger line		Miocene	Christen.		
29504	Mendocino	Point Arena	22216	6-40'	Arena Cove	233-F	auger line		no paleo info	Christen.		
29505	Mendocino	Point Arena	22216	6-45'	Arena Cove	233-F	auger line		no paleo info	Christen.		
29506	Mendocino	Point Arena	22216	6B	Arena Cove	233-F	auger line		Lower Miocene	Christen.		
29507	Mendocino	Point Arena	22217	3A	Moat Creek	233-F	auger line	L or M Eoc NP	Upper Eocene	Christen.		
29508	Mendocino	Point Arena	22217	4A	Moat Creek	233-F	auger line		not diagnostic	Christen.		
29509	Mendocino	Point Arena	22217	6A	Moat Creek	233-F	auger line	M Eocene NP	U Eocene A zone	Christen.		
29510	Mendocino	Point Arena	22217	7	Moat Creek	233-F	auger line		Lower Miocene	Christen.		
29511	Mendocino	Point Arena	22217	7A	Moat Creek	233-F	auger line	L or M Eoc NP	Lower Miocene	Christen.		
29512	Mendocino	Point Arena	22217	8A	Moat Creek	233-F	auger line	Zem NP	Zemorrian	Christen.		
29513	Mendocino	Point Arena	22217	10A	Moat Creek	233-F	auger line	planktics com	Lower Miocene	Christen.		
29514	Mendocino	Point Arena	22217	11	Moat Creek	233-F	auger line	prob Sauc NP	Lower Miocene	Christen.		
29515	Mendocino	Point Arena	22218	2A	Moat Creek	233-F	auger line		Lower Miocene	Christen.		
29516	Mendocino	Point Arena	22218	3A	Moat Creek	233-F	auger line		Lower Miocene	Christen.		
29517	Mendocino	Point Arena	22218	4A	Moat Creek	233-F	auger line		not diagnostic	Christen.		
29518	Mendocino	Point Arena	22218	5A	Moat Creek	233-F	auger line	planktics abun	Lower Miocene	Christen.		
29519	Mendocino	Point Arena	22218	6	Moat Creek	233-F	auger line		not diagnostic	Christen.		
29520	Mendocino	Point Arena	22218	7	Moat Creek	233-F	auger line		Lower Miocene	Christen.		
29521	Mendocino	Point Arena	22218	8	Moat Creek	233-F	auger line		not diagnostic	Christen.		
29522	Mendocino	Point Arena	22218	9A	Moat Creek	233-F	auger line		not diagnostic	Christen.		
29523	Mendocino	Point Arena	22218	10A	Moat Creek	233-F	auger line		Lower Miocene	Christen.		
29524	Mendocino	Point Arena	22218	11	Moat Creek	233-F	auger line		Lower Miocene	Christen.		
29525	Mendocino	Point Arena	22219	1	Ross Creek	233-F	auger line	poss Sauc NP	Lower Miocene	Christen.		
29526	Mendocino	Point Arena	22219	2A	Ross Creek	233-F	auger line		Lower Miocene	Christen.		
29527	Mendocino	Point Arena	22219	3A	Ross Creek	233-F	auger line		not diagnostic	Christen.		
29528	Mendocino	Point Arena	22219	4	Ross Creek	233-F	auger line	Sauc/Reliz NP	Lower Miocene	Christen.		
29529	Mendocino	Point Arena	22219	5	Ross Creek	233-F	auger line	Sauc/Luis NP	Lower Miocene	Christen.		
29530	Mendocino	Point Arena	22219	6	Ross Creek	233-F	auger line	Sauc/Reliz NP	Lower Miocene	Christen.		
29531	Mendocino	Point Arena	22220	1A	Galloway Creek	233-G	auger line	planktics com	Lower Miocene	Christen.		
29532	Mendocino	Point Arena	22220	2	Galloway Creek	233-G	auger line		not diagnostic	Christen.		
29533	Mendocino	Point Arena	22220	3A	Galloway Creek	233-G	auger line		Lower Miocene	Christen.		
29534	Mendocino	Point Arena	22220	4A	Galloway Creek	233-G	auger line		not diagnostic	Christen.		
29535	Mendocino	Point Arena	22220	6A	Galloway Creek	233-G	auger line		Lower Miocene	Christen.		
29536	Mendocino	Point Arena	22220	7A	Galloway Creek	233-G	auger line		Lower Miocene	Christen.		
29537	Mendocino	Point Arena	22220	8A	Galloway Creek	233-G	auger line		Lower Miocene	Christen.		
29538	Mendocino	Point Arena	22220	9	Galloway Creek	233-G	auger line		Lower Miocene	Christen.		
29539	Mendocino	Saunders Reef	22221	3A	Galloway School	233-G	auger line		not diagnostic	Christen.		
29540	Mendocino	Saunders Reef	22221	4A	Galloway School	233-G	auger line		Lower Miocene	Christen.		
29541	Mendocino	Saunders Reef	22221	5A	Galloway School	233-G	auger line		not diagnostic	Christen.		
29542	Mendocino	Point Arena	22221	6	Galloway School	233-G	auger line		Lower Miocene	Christen.		
29543	Mendocino	Saunders Reef	22221	7	Galloway School	233-G	auger line		not diagnostic	Christen.		
29544	Mendocino	Saunders Reef	22222	1	Iverson Road	233-G	auger line	L to M Eoc NP	Eocene	Christen.		
29545	Mendocino	Saunders Reef	22222	4	Iverson Road	233-G	auger line		not diagnostic	Christen.		
29546	Mendocino	Saunders Reef	22222	5	Iverson Road	233-G	auger line	M Eocene NP	Eocene	Christen.		
29547	Mendocino	Saunders Reef	22222	14	Iverson Road	233-G	auger line		not diagnostic	Christen.		
29548	Mendocino	Saunders Reef	22222	15	Iverson Road	233-G	auger line	Zem NP	Lower Miocene	Christen.		
29549	Mendocino	Saunders Reef	22222	15C	Iverson Road	233-G	auger line		not diagnostic	Christen.		
29550	Mendocino	Saunders Reef	22222	16	Iverson Road	233-G	auger line		Lower Miocene	Christen.		
29551	Mendocino	Saunders Reef	22222	18	Iverson Road	233-G	auger line	Zem NP	Zemorrian	Christen.		
29552	Mendocino	Saunders Reef	22222	19	Iverson Road	233-G	auger line	Zem NP	Lower Miocene	Christen.		
29553	Mendocino	Saunders Reef	22222	20	Iverson Road	233-G	auger line	Zem NP	Lower Miocene	Christen.		
29554	Mendocino	Gualala	22223	4	Iverson Road	233-G	auger line		Eocene	Christen.		
29555	Mendocino	Gualala	22223	5A	Iverson Road	233-G	auger line		Eocene	Christen.		
29556	Mendocino	Gualala	22223	14	Iverson Road	233-G	auger line		Eocene	Christen.		
29557	Mendocino	Gualala	22224	12A	Brush Opening Rd	233-G	auger line		Eocene	Christen.		
29558	Mendocino	Gualala	22224	13A	Brush Opening Rd	233-G	auger line		Eocene	Christen.		
29559	Mendocino	Gualala	22224	22A	Brush Opening Rd	233-G	auger line		Eocene	Christen.		
29560	Mendocino	Point Arena	22225	3	not found	233-G	auger line		Eocene	Christen.		
29561	Mendocino	Point Arena	22225	7A	not found	233-G	auger line		Eocene	Christen.		
29562	Mendocino	Point Arena	22225	8A	not found	233-G	auger line		Eocene	Christen.		
29563	Mendocino	Point Arena	22225	9A	not found	233-G	auger line		Eocene	Christen.		
29564	Mendocino	Point Arena	22226	7A	not found	233-G	auger line		Pleistocene	Christen.		
29565	Marin	Inverness	22229	3	Near Olema	224-G	auger line		not diagnostic	Christen.		
29566	Marin	Inverness	22229	4A	Near Olema	224-G	auger line		not diagnostic	Christen.		
29567	Marin	Inverness	22229	6	Near Olema	224-G	auger line		not diagnostic	Christen.		
29568	Marin	Inverness	22230	7A	Laguna Ranch	224-G	auger line	planktics	poss M Miocene	Christen.		
29569	Marin	Inverness	22230	8	Laguna Ranch	224-G	auger line	planktics	poss M Miocene	Christen.		
29570	Marin	Bolinas	22234	1A	Bolinas Point	224-G	auger line	Merced??	Plio/Pleistocene	Christen.		
29571	Marin	Bolinas	22234	2A	Bolinas Point	224-G	auger line		Plio/Pleistocene	Christen.		
29572	Marin	Bolinas	22234	3A	Bolinas Point	224-G	auger line		not diagnostic	Christen.		
29573	Marin	Bolinas	22234	1A	Bolinas Point	116-E	auger line	picked	Plio/Pleistocene			
29574	Marin	Bolinas	22234	1B	Bolinas Point	116-E	auger line	picked	Plio/Pleistocene	Christen.		
29575	Marin	Bolinas	22234	2A	Bolinas Point	116-E	auger line	picked	Plio/Pleistocene	Christen.		
29576	Marin	Bolinas	22234	2B	Bolinas Point	116-E	auger line	picked	Plio/Pleistocene	Christen.		
29577	Marin	Bolinas	22234	3A	Bolinas Point	116-E	auger line		Plio/Pleistocene	Christen.		
29578	Marin	Bolinas	22234	3B	Bolinas Point	116-E	auger line		Plio/Pleistocene	Christen.		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
29579	Marin	Bolinas	22234	6A	Bolinas Point	116-E	auger line		Delmontian	Christen.		
29580	Marin	Bolinas	22234	6B	Bolinas Point	116-E	auger line		Delmontian	Christen.		
29581	Mendocino	Gualala	22265	4	Steens Landing	233-H	Point Arena 15'		no paleo info			
29582	Mendocino	Gualala	22265	5	Steens Landing	233-H	Point Arena 15'	Eocene NP	Eocene pollen			
29583	Mendocino	Gualala	22265	6	Steens Landing	233-H	Point Arena 15'		no paleo info			
29584	Mendocino	Gualala	22266	1	Steens Landing	233-H	Point Arena 15'		Cret/Paleoc pollen			
29585	Mendocino	Gualala	22266	2	Steens Landing	233-H	Point Arena 15'		no paleo info			
29586	Mendocino	Gualala	22266	3	Steens Landing	233-H	Point Arena 15'		no paleo info			
29587	Mendocino	Gualala	22266	4	Steens Landing	233-H	Point Arena 15'	NP age	Lower Eocene			
29588	Mendocino	Saunders Reef	22267	1	Iverson Landing	233-H	Point Arena 15'		no paleo info	Gregory		
29589	Mendocino	Saunders Reef	22268	2	Saunders Hill	233-H	Point Arena 15'		no paleo info			
29590	Mendocino	Saunders Reef	22270	1	Saunders Hill	233-H	Point Arena 15'		no paleo info			
29591	Mendocino	Saunders Reef	22270	2	Saunders Hill	233-H	Point Arena 15'		no paleo info			
29592	Mendocino	Saunders Reef	22270	3	Saunders Hill	233-H	Point Arena 15'		no paleo info			
29593	Mendocino	Point Arena	22272	1	Curley Lane	233-H	Point Arena 15'		no paleo info			
29594	Mendocino	Point Arena	22272	2	Curley Lane	233-H	Point Arena 15'		no paleo info			
29595	Mendocino	Point Arena	22272	5	Curley Lane	233-H	Point Arena 15'		no paleo info			
29596	Mendocino	Point Arena	22272	6	Curley Lane	233-H	Point Arena 15'		no paleo info			
29597	Mendocino	Point Arena	22272	7	Curley Lane	233-H	Point Arena 15'		no paleo info			
29598	Mendocino	Point Arena	22273	1	SE corner of quad	233-H	Point Arena 15'		no paleo info			
29599	Mendocino	Point Arena	22273	2	SE corner of quad	233-H	Point Arena 15'		no paleo info			
29600	Mendocino	Point Arena	22273	3	SE corner of quad	233-H	Point Arena 15'		no paleo info			
29601	Mendocino	Gualala	22276	1	WC part of quad	233-H	Point Arena 15'		no paleo info			
29602	Mendocino	Gualala	22276	2	WC part of quad	233-H	Point Arena 15'		no paleo info			
29603	Mendocino	Gualala	22276	3	WC part of quad	233-H	Point Arena 15'		no paleo info			
29604	Mendocino	Gualala	22277	1	Steens Landing	233-H	Point Arena 15'		no paleo info			
29605	Mendocino	Gualala	22277	3	Steens Landing	233-H	Point Arena 15'		no paleo info			
29606	Mendocino	Gualala	22277	4	Steens Landing	233-H	Point Arena 15'		no paleo info			
29607	Mendocino	Saunders Reef	22278	2	Galloway School	233-H	Point Arena 15'		no paleo info			
29608	Mendocino	Saunders Reef	22278	3	Galloway School	233-H	Point Arena 15'		no paleo info			
29609	Mendocino	Saunders Reef	22278	4	Galloway School	233-H	Point Arena 15'		no paleo info			
29610	Mendocino	Saunders Reef	22278	5	Galloway School	233-H	Point Arena 15'		no paleo info			
29611	Mendocino	Saunders Reef	22278	8	Galloway School	233-H	Point Arena 15'		no paleo info			
29612	Mendocino	Saunders Reef	22278	10	Galloway School	233-H	Point Arena 15'		no paleo info			
29613	Mendocino	Saunders Reef	22278	11	Galloway School	233-H	Point Arena 15'		no paleo info			
29614	Mendocino	Saunders Reef	22278	12	Galloway School	233-H	Point Arena 15'		no paleo info			
29615	Mendocino	Saunders Reef	22278	13	Galloway School	233-H	Point Arena 15'		no paleo info			
29616	Mendocino	Saunders Reef	22278	14	Galloway School	233-H	Point Arena 15'		no paleo info			
29617	Mendocino	Saunders Reef	22278	15	Galloway School	233-H	Point Arena 15'		no paleo info			
29618	Mendocino	Saunders Reef	22278	16	Galloway School	233-H	Point Arena 15'		no paleo info			
29619	Mendocino	Saunders Reef	22278	17	Galloway School	233-I	Point Arena 15'		no paleo info			
29620	Mendocino	Saunders Reef	22278	18	Galloway School	233-I	Point Arena 15'		no paleo info			
29621	Mendocino	Saunders Reef	22278	19	Galloway School	233-I	Point Arena 15'		no paleo info			
29622	Mendocino	Point Arena	22278	20	Lepori Ranch	233-I	Point Arena 15'		no paleo info			
29623	Mendocino	Point Arena	22278	21	Lepori Ranch	233-I	Point Arena 15'		no paleo info			
29624	Mendocino	Saunders Reef	22279	1	Schooner Gulch	233-I	Point Arena 15'		no paleo info			
29625	Mendocino	Saunders Reef	22279	2	Schooner Gulch	233-I	Point Arena 15'		no paleo info			
29626	Mendocino	Saunders Reef	22279	4	Schooner Gulch	233-I	Point Arena 15'		no paleo info			
29627	Mendocino	Saunders Reef	22279	6	Schooner Gulch	233-I	Point Arena 15'		no paleo info			
29628	Mendocino	Saunders Reef	22279	9	Schooner Gulch	233-I	Point Arena 15'		no paleo info			
29629	Mendocino	Saunders Reef	22279	10	Schooner Gulch	233-I	Point Arena 15'		no paleo info			
29630	Sonoma	Gualala	22283	1	Highway 1	233-I	Point Arena 15'		no paleo info			
29631	Sonoma	Gualala	22283	3	Highway 1	233-I	Point Arena 15'		no paleo info			
29632	Sonoma	Gualala	22283	4	Highway 1	233-I	Point Arena 15'		no paleo info			
29633	Sonoma	Gualala	22283	5	Highway 1	233-I	Point Arena 15'		no paleo info			
29634	Sonoma	Gualala	22283	6	Highway 1	233-I	Point Arena 15'		no paleo info			
29635	Marin	Bolinas	22285	1	E of Arroyo Honda	233-I	Mt Tamalpias 15'		no paleo info			
29636	Marin	Bolinas	22286	2	Ocean Parkway	233-I	Mt Tamalpias 15'		no paleo info			
29637	Marin	Bolinas	22286	3	Ocean Parkway	233-I	Mt Tamalpias 15'		no paleo info			
29638	Marin	Bolinas	22286	4	Ocean Parkway	233-I	Mt Tamalpias 15'		no paleo info			
29639	Marin	Bolinas	22287	2	Bolinas Lagoon	233-I	Mt Tamalpias 15'		no paleo info			
29640	San Benito	Idria	22312	1	SE corner of quad	260-D	slide says New Idria		no paleo info			
29641	San Benito	Idria	22312	2	SE corner of quad	260-D	slide says New Idria		no paleo info			
29642	San Benito	Idria	22314	1	S Carlos Bolsa	260-D	New Idria 15'		no paleo info			
29643	San Benito	Ciervo Mountain	22315	6	S Carlos Bolsa	260-D	New Idria 15'		no paleo info			
29644	Fresno	Ciervo Mountain	22316	1	SW part of quad	260-D	New Idria 15'		no paleo info			
29645	Fresno	Ciervo Mountain	22316	2	SW part of quad	260-D	New Idria 15'		no paleo info			
29646	Fresno	Ciervo Mountain	22317	1A	SW part of quad	260-D	New Idria 15'		no paleo info			
29647	Fresno	Ciervo Mountain	22317	4	SW part of quad	260-D	New Idria 15'		no paleo info			
29648	Fresno	Ciervo Mountain	22317	5	SW part of quad	260-D	New Idria 15'		no paleo info			
29649	Fresno	Ciervo Mountain	22317	6	SW part of quad	260-D	New Idria 15'		no paleo info			
29650	Fresno	Ciervo Mountain	22318	1A	SW part of quad	260-D	New Idria 15'		no paleo info			
29651	Fresno	Ciervo Mountain	22318	5	SW part of quad	260-D	New Idria 15'		no paleo info			
29652	Fresno	Ciervo Mountain	22318	6	SW part of quad	260-D	New Idria 15'		no paleo info			
29653	Fresno	Ciervo Mountain	22318	7	SW part of quad	260-D	New Idria 15'		no paleo info			
29654	Fresno	Ciervo Mountain	22318	8	SW part of quad	260-D	New Idria 15'		no paleo info			
29655	Fresno	Ciervo Mountain	22318	9	SW part of quad	260-D	New Idria 15'		no paleo info			
29656	Fresno	Ciervo Mountain	22318	10	SW part of quad	260-D	New Idria 15'		no paleo info			
29657	Fresno	Ciervo Mountain	22318	11	SW part of quad	260-D	New Idria 15'		no paleo info			
29658	Fresno	Ciervo Mountain	22319		SW part of quad	260-D	New Idria 15'		no paleo info			
29659	Fresno	Ciervo Mountain	22321		SW part of quad	260-D	New Idria 15'		no paleo info			
29660	Fresno	Ciervo Mountain	22323	2	SW part of quad	260-D	New Idria 15'		no paleo info			
29661	Fresno	Ciervo Mountain	22323	3	SW part of quad	260-D	New Idria 15'		no paleo info			
29662	Fresno	Ciervo Mountain	22323	4	SW part of quad	260-D	New Idria 15'		no paleo info			
29663	Fresno	Ciervo Mountain	22323	5	SW part of quad	260-D	New Idria 15'		no paleo info			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
29664	Fresno	Ciervo Mountain	22323	6	SW part of quad	260-D	New Idria 15'		no paleo info			
29665	Fresno	Ciervo Mountain	22323	7	SW part of quad	260-E	New Idria 15'		no paleo info			
29666	Fresno	Ciervo Mountain	22323	8	SW part of quad	260-E	New Idria 15'		no paleo info			
29667	Fresno	Ciervo Mountain	22424	1	SW part of quad	260-E	New Idria 15'		no paleo info			
29668	Fresno	Ciervo Mountain	22325	1	SW part of quad	260-E	New Idria 15'		no paleo info			
29669	Fresno	Ciervo Mountain	22325	2	SW part of quad	260-E	New Idria 15'		no paleo info			
29670	Fresno	Ciervo Mountain	22325	3	SW part of quad	260-E	New Idria 15'		no paleo info			
29671	Fresno	Ciervo Mountain	22327		SW part of quad	260-E	New Idria 15'		no paleo info			
29672	Fresno	Ciervo Mountain	22330	1	SC part of quad	260-E	New Idria 15'		no paleo info			
29673	Fresno	Ciervo Mountain	22330	1B	SC part of quad	260-E	New Idria 15'		no paleo info			
29674	Fresno	Ciervo Mountain	22330	1C	SC part of quad	260-E	New Idria 15'		no paleo info			
29675	Fresno	Ciervo Mountain	22330	2	SC part of quad	260-E	New Idria 15'		no paleo info			
29676	Fresno	Ciervo Mountain	22330	3	SC part of quad	260-E	New Idria 15'		no paleo info			
29677	Fresno	Ciervo Mountain	22330	4	SC part of quad	260-E	New Idria 15'		no paleo info			
29678	Fresno	Ciervo Mountain	22330	5	SC part of quad	260-E	New Idria 15'		no paleo info			
29679	Fresno	Ciervo Mountain	22332	1	SE corner of quad	260-E	New Idria 15'		no paleo info			
29680	Fresno	Ciervo Mountain	22332	2	SE corner of quad	260-E	New Idria 15'		no paleo info			
29681	Fresno	Ciervo Mountain	22332	3	SE corner of quad	260-E	New Idria 15'		no paleo info			
29682	Fresno	Ciervo Mountain	22332	4A	SE corner of quad	260-E	New Idria 15'		no paleo info			
29683	Fresno	Ciervo Mountain	22333	1	SE corner of quad	260-E	New Idria 15'		no paleo info			
29684	Fresno	Ciervo Mountain	22333	2	SE corner of quad	260-E	New Idria 15'		no paleo info			
29685	Fresno	Ciervo Mountain	22333	1C	SE corner of quad	260-E	New Idria 15'		no paleo info			
29686	Fresno	Ciervo Mountain	22333	1A	SE corner of quad	260-E	New Idria 15'		no paleo info			
29687	Fresno	Ciervo Mountain	22333	3	SE corner of quad	260-E	New Idria 15'		no paleo info			
29688	Fresno	Ciervo Mountain	22333	1B	SE corner of quad	260-E	New Idria 15'		no paleo info			
29689	Fresno	Ciervo Mountain	22333	4	SE corner of quad	260-E	New Idria 15'		no paleo info			
29690	Fresno	Ciervo Mountain	22333	5	SE corner of quad	260-E	New Idria 15'		no paleo info			
29691	Fresno	Ciervo Mountain	22334		SE corner of quad	260-E	New Idria 15'		no paleo info			
29692	Kern	Eagle Rest Peak	22340	15	Devils Kitchen	239-A	have strat column	Liveoak Membr	Eocene			
29693	Kern	Eagle Rest Peak	22340	18	Devils Kitchen	239-A	have strat column		Eocene			
29694	Kern	Eagle Rest Peak	22340	20	Devils Kitchen	239-A	have strat column		Eocene			
29695	Kern	Eagle Rest Peak	22340	21	Devils Kitchen	239-A	have strat column		Eocene			
29696	Kern	Eagle Rest Peak	22340	23	Devils Kitchen	239-A	have strat column		Eocene			
29697	Kern	Eagle Rest Peak	22340	24	Devils Kitchen	239-A	have strat column		Eocene			
29698	Kern	Eagle Rest Peak	22340	27	Devils Kitchen	239-A	have strat column		Eocene			
29699	Kern	Eagle Rest Peak	22340	29	Devils Kitchen	239-A	have strat column		Eocene			
29700	Kern	Eagle Rest Peak	22340	30	Devils Kitchen	239-A	have strat column		Eocene			
29701	Kern	Eagle Rest Peak	22340	38	Devils Kitchen	239-A	have strat column		Eocene			
29702	Kern	Eagle Rest Peak	22340	39	Devils Kitchen	239-A	have strat column		Eocene			
29703	Kern	Eagle Rest Peak	22340	40	Devils Kitchen	239-A	have strat column		Eocene			
29704	Kern	Eagle Rest Peak	22340	76	Devils Kitchen	239-A	have strat column		Zemorian			
29705	Kern	Eagle Rest Peak	22340	78	Devils Kitchen	239-A	have strat column		Zemorian			
29706	Kern	Eagle Rest Peak	22340	80	Devils Kitchen	239-A	have strat column		Zemorian			
29707	Kern	Pleito Hills	22342	2	Pleito Creek	239-A	have strat column		Middle Eocene			
29708	Kern	Pleito Hills	22342	8	Pleito Creek	239-A	have strat column		Middle Eocene			
29709	Kern	Pleito Hills	22342	22	Pleito Creek	239-A	have strat column		Middle Eocene			
29710	Kern	Pleito Hills	22342	23	Pleito Creek	239-A	have strat column		Middle Eocene			
29711	Kern	Pleito Hills	22342	25	Pleito Creek	239-A	have strat column		Middle Eocene			
29712	Kern	Pleito Hills	22342	27	Pleito Creek	239-A	have strat column		Middle Eocene			
29713	Kern	Pleito Hills	22342	28	Pleito Creek	239-A	have strat column		Middle Eocene			
29714	Kern	Pleito Hills	22342	30	Pleito Creek	239-A	have strat column		Middle Eocene			
29715	Kern	Pleito Hills	22342	31	Pleito Creek	239-A	have strat column		Lower Eocene			
29716	Kern	Pleito Hills	22342	32	Pleito Creek	239-A	have strat column		Lower Eocene			
29717	Kern	Pleito Hills	22342	33	Pleito Creek	239-A	have strat column		Lower Eocene			
29718	Kern	Pleito Hills	22342	34	Pleito Creek	239-A	have strat column		Lower Eocene			
29719	Kern	Pleito Hills	22342	42	Pleito Creek	239-A	have strat column		Lower Eocene			
29720	Kern	Pleito Hills	22342	43	Pleito Creek	239-A	have strat column		Lower Eocene			
29721	Kern	Maricopa	22343	2	SW of Hazelton	239-A			no paleo info			
29722	Kern	Maricopa	22343	4	SW of Hazelton	239-A			no paleo info			
29723	Kern	Maricopa	22343	7	SW of Hazelton	239-A			no paleo info			
29724	Kern	Maricopa	22343	8	SW of Hazelton	239-A			no paleo info			
29725	Kern	Maricopa	22343	9	SW of Hazelton	239-A			no paleo info			
29726	Kern	Maricopa	22343	10	SW of Hazelton	239-A			no paleo info			
29727	Kern	Maricopa	22343	11A	SW of Hazelton	239-A			no paleo info			
29728	Kern	Maricopa	22343	16	SW of Hazelton	239-A			no paleo info			
29729	Kern	Maricopa	22343	21	SW of Hazelton	239-A			no paleo info			
29730	Kern	Maricopa	22343	48	SW of Hazelton	239-B			no paleo info			
29731	Kern	Maricopa	22343	50	SW of Hazelton	239-B			no paleo info			
29732	Kern	Maricopa	22343	55	SW of Hazelton	239-B			no paleo info			
29733	Kern	Maricopa	22343	56	SW of Hazelton	239-B			no paleo info			
29734	Kern	Maricopa	22343	57	SW of Hazelton	239-B			no paleo info			
29735	Kern	Maricopa	22343	61	SW of Hazelton	239-B			no paleo info			
29736	Kern	Maricopa	22343	63	SW of Hazelton	239-B			no paleo info			
29737	Kern	Maricopa	22343	82	SW of Hazelton	239-B			no paleo info			
29738	Kern	Maricopa	22343	88	SW of Hazelton	239-B			no paleo info			
29739	Ventura	Sawmill Mountain	22344	19	N Lockwood Creek	79-L			no paleo info			
29740	Ventura	Sawmill Mountain	22344	20	N Lockwood Creek	79-L			no paleo info			
29741	Ventura	Sawmill Mountain	22344	22	N Lockwood Creek	79-L			no paleo info			
29742	Ventura	Sawmill Mountain	22344	27	N Lockwood Creek	79-L			no paleo info			
29743	Ventura	Sawmill Mountain	22344	30	N Lockwood Creek	79-L			no paleo info			
29744	Ventura	Sawmill Mountain	22344	32	N Lockwood Creek	79-L			no paleo info			
29745	Ventura	Sawmill Mountain	22344	33	N Lockwood Creek	79-L			no paleo info			
29746	Ventura	Sawmill Mountain	22344	43	N Lockwood Creek	79-L			no paleo info			
29747	Ventura	Sawmill Mountain	22344	56	N Lockwood Creek	79-L			no paleo info			
29748	Ventura	Sawmill Mountain	22345	1	Mid Lockwood Ck	60-E			no paleo info			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
29749	Ventura	Sawmill Mountain	22345	14	Mid Lockwood Ck	60-E			no paleo info			
29750	Ventura	Sawmill Mountain	22345	15	Mid Lockwood Ck	60-E			no paleo info			
29751	Kern	Cuddy Valley	22346	4	N of Cuddy Ranch	233-K			no paleo info			
29752	Kern	Cuddy Valley	22346	5	N of Cuddy Ranch	233-K			no paleo info			
29753	Kern	Cuddy Valley	22346	15B	N of Cuddy Ranch	233-K			no paleo info			
29754	Kern	Cuddy Valley	22346	20	N of Cuddy Ranch	233-K			no paleo info			
29755	Kern	Santiago Creek	22349	1	Upper Santiago Ck	213-D			no paleo info			
29756	Kern	Santiago Creek	22349	7	Upper Santiago Ck	213-D			no paleo info			
29757	Kern	Santiago Creek	22349	8	Upper Santiago Ck	213-D			no paleo info			
29758	Kern	Ballinger Canyon	22350	1	NC part of quad	235-B	slide says Grocer		no paleo info			
29759	Kern	Ballinger Canyon	22350	2	NC part of quad	235-B	Grade		no paleo info			
29760	Kern	Ballinger Canyon	22350	3	NC part of quad	235-B			no paleo info			
29761	Kern	Ballinger Canyon	22350	4	NC part of quad	235-B			no paleo info			
29762	Kern	Ballinger Canyon	22350	7	NC part of quad	235-B			no paleo info			
29763	Kern	Ballinger Canyon	22350	9	NC part of quad	235-B			no paleo info			
29764	Kern	Ballinger Canyon	22350	10	NC part of quad	235-B			no paleo info			
29765	Kern	Ballinger Canyon	22350	11	NC part of quad	235-B			no paleo info			
29766	Kern	Ballinger Canyon	22350	12	NC part of quad	235-B			no paleo info			
29767	Kern	Ballinger Canyon	22350	16	NC part of quad	235-B			no paleo info			
29768	Kern	Ballinger Canyon	22350	17	NC part of quad	235-B			no paleo info			
29769	Kern	Ballinger Canyon	22350	18	NC part of quad	235-B			no paleo info			
29770	Kern	Ballinger Canyon	22350	19	NC part of quad	235-B			no paleo info			
29771	Kern	Ballinger Canyon	22350	20	NC part of quad	235-B			no paleo info			
29772	Kern	Ballinger Canyon	22350	21	NC part of quad	235-B			no paleo info			
29773	Kern	Ballinger Canyon	22350	22	NC part of quad	235-B			no paleo info			
29774	Kern	Ballinger Canyon	22350	23	NC part of quad	235-B			no paleo info			
29775	Kern	Ballinger Canyon	22350	24	NC part of quad	235-B			no paleo info			
29776	Kern	Ballinger Canyon	22350	25	NC part of quad	235-B			no paleo info			
29777	Kern	Ballinger Canyon	22350	27	NC part of quad	235-B			no paleo info			
29778	San Luis Obispo	Elkhorn Hills	22352	1B	S of Traver Ranch	26-I			no paleo info			
29779	San Luis Obispo	Elkhorn Hills	22352	2	S of Traver Ranch	26-I			no paleo info			
29780	San Luis Obispo	Elkhorn Hills	22352	3	S of Traver Ranch	26-I			no paleo info			
29781	San Luis Obispo	Elkhorn Hills	22352	14	S of Traver Ranch	26-I			no paleo info			
29782	San Luis Obispo	Elkhorn Hills	22352	15	S of Traver Ranch	26-I			no paleo info			
29783	San Luis Obispo	Elkhorn Hills	22352	16A	S of Traver Ranch	26-I			no paleo info			
29784	San Luis Obispo	Elkhorn Hills	22352	17	S of Traver Ranch	26-I			Saucesian			
29785	San Luis Obispo	Elkhorn Hills	22352	18	S of Traver Ranch	26-I			not diagnostic			
29786	San Luis Obispo	Elkhorn Hills	22352	19	S of Traver Ranch	26-I			L or M Miocene			
29787	Ventura	Wheeler Springs	22355	2	NW corner of quad	144-J			no paleo info			
29788	Ventura	Wheeler Springs	22355	3	NW corner of quad	144-J			no paleo info			
29789	Ventura	Wheeler Springs	22355	4	NW corner of quad	144-J			no paleo info			
29790	Ventura	Wheeler Springs	22355	5A	NW corner of quad	144-J			no paleo info			
29791	Ventura	Wheeler Springs	22355	5B	NW corner of quad	144-J			no paleo info			
29792	Ventura	Wheeler Springs	22355	8	NW corner of quad	144-J			no paleo info			
29793	Ventura	Wheeler Springs	22355	2RW	NW corner of quad	144-J			no paleo info			
29794	Ventura	Wheeler Springs	22355	3RW	NW corner of quad	144-J			no paleo info			
29795	Kern?	Santiago Creek?	22356	5E	SW corner of quad	240-B	Pattway Ridge on		no paleo info			
29796	Kern?	Santiago Creek?	22356	5F	SW corner of quad	240-B	slide. Not sure if		no paleo info			
29797	Kern?	Santiago Creek?	22356	5G	SW corner of quad	240-B	Santiago Creek		no paleo info			
29798	Kern?	Santiago Creek?	22356	5H	SW corner of quad	240-B	quad is the correct		no paleo info			
29799	Kern?	Santiago Creek?	22356	6A	SW corner of quad	240-B	one. No # 18 or 20		no paleo info			
29800	Kern?	Santiago Creek?	22356	6B	SW corner of quad	240-B	on map		no paleo info			
29801	Kern?	Santiago Creek?	22356	6C	SW corner of quad	240-B			no paleo info			
29802	Kern?	Santiago Creek?	22356	6D	SW corner of quad	240-B			no paleo info			
29803	Kern?	Santiago Creek?	22356	6E	SW corner of quad	240-B			no paleo info			
29804	Kern?	Santiago Creek?	22356	18	SW corner of quad	240-B			no paleo info			
29805	not found	Santiago Creek?	22356	20	SW corner of quad	240-B			no paleo info			
29806	Kern	Pleito Hills	22357	1	Upper Pleito Ck	239-B	have strat column		Eocene			
29807	Kern	Pleito Hills	22357	2	Upper Pleito Ck	239-B	see #22342		Eocene			
29808	Kern	Pleito Hills	22357	3	Upper Pleito Ck	239-B			Eocene			
29809	Kern	Pleito Hills	22357	4	Upper Pleito Ck	239-B			Eocene			
29810	Kern	Pleito Hills	22357	5	Upper Pleito Ck	239-B			Eocene			
29811	Kern	Pleito Hills	22357	6	Upper Pleito Ck	239-B			Eocene			
29812	Kern	Pleito Hills	22357	7	Upper Pleito Ck	239-B			Eocene			
29813	Kern	Pleito Hills	22357	8	Upper Pleito Ck	239-B			Eocene			
29814	Kern	Pleito Hills	22357	9	Upper Pleito Ck	239-B			Eocene			
29815	Kern	Pleito Hills	22357	10	Upper Pleito Ck	239-B			Eocene			
29816	Kern	Pleito Hills	22357	11	Upper Pleito Ck	239-B			Eocene			
29817	Kern	Pleito Hills	22357	12	Upper Pleito Ck	239-B			Eocene			
29818	Kern	Pleito Hills	22357	13	Upper Pleito Ck	239-B			Eocene			
29819	Kern	Pleito Hills	22357	14	Upper Pleito Ck	239-B			Eocene			
29820	Kern	Pleito Hills	22357	15	Upper Pleito Ck	239-B			Eocene			
29821	Kern	Pleito Hills	22357	16	Upper Pleito Ck	239-B			Eocene			
29822	Kern	Pleito Hills	22357	17	Upper Pleito Ck	239-B			Eocene			
29823	Kern	Pleito Hills	22357	18	Upper Pleito Ck	239-B			Eocene			
29824	Kern	Pleito Hills	22357	19	Upper Pleito Ck	239-B			Eocene			
29825	Kern	Pleito Hills	22357	20	Upper Pleito Ck	239-B			Eocene			
29826	Kern	Pleito Hills	22357	21	Upper Pleito Ck	239-B			Eocene			
29827	Kern	Pleito Hills	22357	22	Upper Pleito Ck	239-B			Eocene			
29828	Kern	Pleito Hills	22357	23	Upper Pleito Ck	239-B			Eocene			
29829	Kern	Pleito Hills	22357	24	Upper Pleito Ck	239-B			Eocene			
29830	Kern	Pleito Hills	22357	25	Upper Pleito Ck	239-B			Eocene			
29831	Kern	Pleito Hills	22357	26	Upper Pleito Ck	239-B			Eocene			
29832	Kern	Pleito Hills	22357	27	Upper Pleito Ck	239-B			Eocene			
29833	Kern	Pleito Hills	22357	28	Upper Pleito Ck	239-B			Eocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
29834	Kern	Pleito Hills	22357	29	Upper Pleito Ck	239-B			Eocene			
29835	Kern	Pleito Hills	22357	30	Upper Pleito Ck	239-B			Eocene			
29836	San Luis Obispo	Pozo Summit	22359	2	East of Pozo	162-L	area K-9		no paleo info			
29837	San Luis Obispo	Pozo Summit	22359	3	East of Pozo	162-L			no paleo info			
29838	Humboldt	Garberville	22366	1	SW of airport	239-L	Garberville 15'		poss Pliocene			
29839	Humboldt	Garberville	22366	2	SW of airport	239-L	Garberville 15'		poss Cretaceous			
29840	Humboldt	Garberville	22366	3	SW of airport	239-L	Garberville 15'		Luisian			
29841	Humboldt	Garberville	22366	3RW	SW of airport	239-L	Garberville 15'		Luisian			
29842	Humboldt	Garberville	22366	4B	SW of airport	239-L	Garberville 15'		Luisian			
29843	Humboldt	Garberville	22366	4BRW	SW of airport	239-L	Garberville 15'		Luisian			
29844	Humboldt	Garberville	22366	5	SW of airport	239-L	Garberville 15'		Luisian			
29845	Humboldt	Garberville	22366	5RW	SW of airport	239-L	Garberville 15'		Luisian			
29846	Humboldt	Garberville	22366	6	SW of airport	239-L	Garberville 15'		Luisian			
29847	Humboldt	Garberville	22366	6RW	SW of airport	239-L	Garberville 15'		Luisian			
29848	Humboldt	Garberville	22366	7	SW of airport	239-M	Garberville 15'		has reworked M			
29849	Humboldt	Garberville	22366	8	SW of airport	239-M	Garberville 15'		poss Cretaceous			
29850	Humboldt	Garberville	22366	10	SW of airport	239-M	Garberville 15'		prob Cretaceous			
29851	Humboldt	Briceland	22369	10A	NW part of quad	239-M	Garberville 15'		Luisian			
29852	Humboldt	Briceland	22369	10ARW	NW part of quad	239-M	Garberville 15'		Luisian			
29853	Humboldt	Briceland	22369	10B	NW part of quad	239-M	Garberville 15'		Relizian			
29854	Humboldt	Briceland	22369	10BRW	NW part of quad	239-M	Garberville 15'		Relizian			
29855	Humboldt	Briceland	22369	11	NW part of quad	239-M	Garberville 15'		Relizian			
29856	Humboldt	Briceland	22369	11RW	NW part of quad	239-M	Garberville 15'		Relizian			
29857	Humboldt	Briceland	22369	13	NW part of quad	239-M	Garberville 15'	reworked Miod	Cretaceous			
29858	Humboldt	Briceland	22369	13RW	NW part of quad	239-M	Garberville 15'		Cretaceous			
29859	Humboldt	Briceland	22369	14	NW part of quad	239-M	Garberville 15'		prob Middle Miocene			
29860	Humboldt	Briceland	22369	15	NW part of quad	239-M	Garberville 15'		not diagnostic			
29861	Humboldt	Garberville	22369	17A	NW part of quad	239-M	Garberville 15'		Relizian			
29862	Humboldt	Garberville	22369	17ARW	NW part of quad	239-M	Garberville 15'		Relizian			
29863	Humboldt	Garberville	22369	17C	NW part of quad	239-M	Garberville 15'	reworked Miod	Cret/Paleocene			
29864	Humboldt	Garberville	22369	17CRW	NW part of quad	239-M	Garberville 15'	reworked Miod	not diagnostic			
29865	Humboldt	Garberville	22369	17D	NW part of quad	239-M	Garberville 15'		Middle Miocene			
29866	Humboldt	Garberville	22369	18	NW part of quad	239-M	Garberville 15'		not diagnostic			
29867	Humboldt	Garberville	22369	18RW	NW part of quad	239-M	Garberville 15'		barren			
29868	Humboldt	Briceland	22369	19	NW part of quad	239-M	Garberville 15'	reworked Miod	Cret/Paleocene			
29869	Humboldt	Briceland	22369	19RW	NW part of quad	239-M	Garberville 15'	reworked Miod	Cret/Paleocene			
29870	Humboldt	Petrolia	22370	3	Mattole Point	239-F	Cp Mendocino 15'	abun planktics	prob Miocene			
29871	Humboldt	Petrolia	22370	4	Mattole Point	239-F	Cp Mendocino 15'	N of mouth	not diagnostic			
29872	Humboldt	Petrolia	22370	5	Mattole Point	239-F	Cp Mendocino 15'	Mattole river	not diagnostic			
29873	Humboldt	Petrolia	22370	6	Mattole Point	239-F	Cp Mendocino 15'		poss U Miocene			
29874	Humboldt	Petrolia	22370	7	Mattole Point	239-F	Cp Mendocino 15'		not diagnostic			
29875	Humboldt	Petrolia	22370	8S	Mattole Point	239-G	Cp Mendocino 15'	abun planktics	not diagnostic			
29876	Humboldt	Petrolia	22370	8H	Mattole Point	239-G	Cp Mendocino 15'	abun planktics	not diagnostic			
29877	Humboldt	Petrolia	22370	10	Mattole Point	239-G	Cp Mendocino 15'		not diagnostic			
29878	Humboldt	Petrolia	22370	11	Mattole Point	239-G	Cp Mendocino 15'	diatoms abun	not diagnostic			
29879	Humboldt	Petrolia	22370	12	Mattole Point	239-G	Cp Mendocino 15'		prob U Miocene			
29880	Humboldt	Petrolia	22370	13	Mattole Point	239-G	Cp Mendocino 15'		prob U Miocene			
29881	Humboldt	Petrolia	22370	14	Mattole Point	239-G	Cp Mendocino 15'		prob U Miocene			
29882	Humboldt	Petrolia	22370	18	Mattole Point	239-G	Cp Mendocino 15'		prob U Miocene			
29883	Humboldt	Petrolia	22370	19	Mattole Point	239-G	Cp Mendocino 15'		prob U Miocene			
29884	Humboldt	Petrolia	22370	20	Mattole Point	239-G	Cp Mendocino 15'	com planktics	prob U Miocene			
29885	Humboldt	Petrolia	22370	22	Mattole Point	239-G	Cp Mendocino 15'	com planktics	prob U Miocene			
29886	Humboldt	Petrolia	22371	1	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
29887	Humboldt	Petrolia	22371	2	Domingo Creek	239-N	Cp Mendocino 15'	com planktics	Miocene/Pliocene			
29888	Humboldt	Petrolia	22371	3	Domingo Creek	239-N	Cp Mendocino 15'	com planktics	Miocene/Pliocene			
29889	Humboldt	Petrolia	22371	4	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
29890	Humboldt	Petrolia	22371	5	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
29891	Humboldt	Petrolia	22371	6	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
29892	Humboldt	Petrolia	22371	7	Domingo Creek	239-N	Cp Mendocino 15'	com planktics	Miocene/Pliocene			
29893	Humboldt	Petrolia	22371	8	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
29894	Humboldt	Petrolia	22371	9	Domingo Creek	239-N	Cp Mendocino 15'	com planktics	Delmontian			
29895	Humboldt	Petrolia	22371	10	Domingo Creek	239-N	Cp Mendocino 15'		not diagnostic			
29896	Humboldt	Petrolia	22371	11	Domingo Creek	239-N	Cp Mendocino 15'		prob U Miocene			
29897	Humboldt	Petrolia	22371	12	Domingo Creek	239-N	Cp Mendocino 15'		prob U Miocene			
29898	Humboldt	Petrolia	22371	14	Domingo Creek	239-N	Cp Mendocino 15'		prob U Miocene			
29899	Humboldt	Petrolia	22371	15	Domingo Creek	239-N	Cp Mendocino 15'		prob U Miocene			
29900	Humboldt	Petrolia	22371	16	Domingo Creek	239-N	Cp Mendocino 15'		not diagnostic			
29901	Humboldt	Petrolia	22371	18	Domingo Creek	239-N	Cp Mendocino 15'		prob U Miocene			
29902	Humboldt	Petrolia	22371	19	Domingo Creek	239-N	Cp Mendocino 15'		Delmontian			
29903	Humboldt	Petrolia	22371	20	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
29904	Humboldt	Petrolia	22371	21	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
29905	Humboldt	Petrolia	22371	22	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
29906	Humboldt	Petrolia	22371	23	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
29907	Humboldt	Petrolia	22371	24	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
29908	Humboldt	Petrolia	22371	25	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
29909	Humboldt	Petrolia	22371	26	Domingo Creek	239-N	Cp Mendocino 15'	com planktics	Pliocene			
29910	Humboldt	Petrolia	22371	27	Domingo Creek	239-N	Cp Mendocino 15'	com planktics	Pseudosaucian			
29911	Humboldt	Cape Mendocino	22372	1	W of Capetown	239-G	Cp Mendocino 15'	diatom age	Upper Miocene			
29912	Humboldt	Cape Mendocino	22372	2	W of Capetown	239-G	Cp Mendocino 15'	diatom age	Upper Miocene			
29913	Humboldt	Cape Mendocino	22372	3	W of Capetown	239-G	Cp Mendocino 15'		Middle Miocene			
29914	Humboldt	Cape Mendocino	22372	4	W of Capetown	239-G	Cp Mendocino 15'		Middle Miocene			
29915	Humboldt	Cape Mendocino	22372	5	W of Capetown	239-G	Cp Mendocino 15'		Middle Miocene			
29916	Humboldt	Cape Mendocino	22372	6	W of Capetown	239-G	Cp Mendocino 15'		M or U Miocene			
29917	Humboldt	Cape Mendocino	22372	7	W of Capetown	239-G	Cp Mendocino 15'		poss Delmontian			
29918	Humboldt	Cape Mendocino	22372	9	W of Capetown	239-G	Cp Mendocino 15'		poss Delmontian			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
29919	Humboldt	Cape Mendocino	22372	10	W of Capetown	239-G	Cp Mendocino 15'					poss Delmontian
29920	Humboldt	Cape Mendocino	22372	11	W of Capetown	239-G	Cp Mendocino 15'					poss Delmontian
29921	Humboldt	Cape Mendocino	22372	12	W of Capetown	239-G	Cp Mendocino 15'					poss Delmontian
29922	Humboldt	Cape Mendocino	22372	13	W of Capetown	239-G	Cp Mendocino 15'	diatom age				Upper Miocene
29923	Humboldt	Cape Mendocino	22372	14	W of Capetown	239-G	Cp Mendocino 15'	diatom age				Upper Miocene
29924	Humboldt	Cape Mendocino	22372	15	W of Capetown	239-G	Cp Mendocino 15'	diatom age				Upper Miocene
29925	Humboldt	Cape Mendocino	22372	16	W of Capetown	239-G	Cp Mendocino 15'					not diagnostic
29926	Humboldt	Cape Mendocino	22372	17	W of Capetown	239-G	Cp Mendocino 15'					not diagnostic
29927	Humboldt	Ferndale	22373	1	SE corner of quad	239-M	Ferndale 15'					not diagnostic
29928	Humboldt	Ferndale	22373	2	SE corner of quad	239-M	Ferndale 15'					not diagnostic
29929	Humboldt	Ferndale	22373	3	SE corner of quad	239-M	Ferndale 15'					not diagnostic
29930	Humboldt	Ferndale	22373	4	SE corner of quad	239-M	Ferndale 15'					Miocene/Pliocene
29931	Humboldt	Ferndale	22373	5	SE corner of quad	239-M	Ferndale 15'					not diagnostic
29932	Humboldt	Ferndale	22373	7	SE corner of quad	239-M	Ferndale 15'					not diagnostic
29933	Humboldt	Ferndale	22373	8	SE corner of quad	239-M	Ferndale 15'					not diagnostic
29934	Humboldt	Ferndale	22373	9	SE corner of quad	239-M	Ferndale 15'	good fauna				Lower Pliocene
29935	Humboldt	Ferndale	22373	10	SE corner of quad	239-M	Ferndale 15'					Lower Pliocene
29936	Humboldt	Ferndale	22373	11	SE corner of quad	239-M	Ferndale 15'					Lower Pliocene
29937	Humboldt	Ferndale	22373	12	SE corner of quad	239-M	Ferndale 15'	Mio/Pliocene				Lower Pliocene
29938	Humboldt	Ferndale	22373	13	SE corner of quad	239-M	Ferndale 15'	means Lower				not diagnostic
29939	Humboldt	Ferndale	22373	14	SE corner of quad	239-M	Ferndale 15'	Repetto in Los				Miocene/Pliocene
29940	Humboldt	Ferndale	22373	15	SE corner of quad	239-M	Ferndale 15'	Angeles terms				Miocene/Pliocene
29941	Humboldt	Ferndale	22373	16	SE corner of quad	239-M	Ferndale 15'					not diagnostic
29942	Humboldt	Ferndale	22373	17	SE corner of quad	239-M	Ferndale 15'					not diagnostic
29943	Humboldt	Ferndale	22373	18	SE corner of quad	239-M	Ferndale 15'					not diagnostic
29944	Humboldt	Ferndale	22373	19	SE corner of quad	239-M	Ferndale 15'					Miocene/Pliocene
29945	Humboldt	Ferndale	22373	20	SE corner of quad	239-N	Ferndale 15'					Miocene/Pliocene
29946	Humboldt	Ferndale	22373	21	SE corner of quad	239-N	Ferndale 15'					Miocene/Pliocene
29947	Humboldt	Ferndale	22373	22	SE corner of quad	239-N	Ferndale 15'					Miocene/Pliocene
29948	Humboldt	Ferndale	22373	24	SE corner of quad	239-N	Ferndale 15'					Miocene/Pliocene
29949	Humboldt	Ferndale	22373	25	SE corner of quad	239-N	Ferndale 15'					Miocene/Pliocene
29950	Humboldt	Ferndale	22373	26	SE corner of quad	239-N	Ferndale 15'					not diagnostic
29951	Humboldt	Ferndale	22373	28	SE corner of quad	239-N	Ferndale 15'					not diagnostic
29952	Humboldt	Ferndale	22373	29	SE corner of quad	239-N	Ferndale 15'					not diagnostic
29953	Humboldt	Ferndale	22373	30	SE corner of quad	239-N	Ferndale 15'					not diagnostic
29954	Humboldt	Ferndale	22373	31	SE corner of quad	239-N	Ferndale 15'					not diagnostic
29955	Humboldt	Ferndale	22373	32	SE corner of quad	239-N	Ferndale 15'					not diagnostic
29956	Humboldt	Ferndale	22373	33	SE corner of quad	239-N	Ferndale 15'					not diagnostic
29957	Humboldt	Ferndale	22373	34	SE corner of quad	239-N	Ferndale 15'					not diagnostic
29958	Humboldt	Ferndale	22373	35	SE corner of quad	239-N	Ferndale 15'					not diagnostic
29959	Humboldt	Ferndale	22373	36	SE corner of quad	239-N	Ferndale 15'					not diagnostic
29960	Humboldt	Ferndale	22373	37	SE corner of quad	239-N	Ferndale 15'					not diagnostic
29961	Humboldt	Ferndale	22373	38	SE corner of quad	239-N	Ferndale 15'					not diagnostic
29962	Humboldt	Ferndale	22373	40	SE corner of quad	239-N	Ferndale 15'					not diagnostic
29963	Humboldt	Ferndale	22373	41	SE corner of quad	239-N	Ferndale 15'					not diagnostic
29964	Humboldt	Ferndale	22373	42	SE corner of quad	239-N	Ferndale 15'					Miocene/Pliocene
29965	Humboldt	Fortuna	22374	2	Price Creek	240-A	Ferndale 15'					Miocene/Pliocene
29966	Humboldt	Fortuna	22374	3	Price Creek	240-A	Ferndale 15'					not diagnostic
29967	Humboldt	Fortuna	22374	4	Price Creek	240-A	Ferndale 15'					Miocene/Pliocene
29968	Humboldt	Fortuna	22374	5	Price Creek	240-A	Ferndale 15'					Delmontian
29969	Humboldt	Fortuna	22374	6	Price Creek	240-A	Ferndale 15'					Delmontian
29970	Humboldt	Ferndale	22374	7	Price Creek	240-A	Ferndale 15'	planktics abun				Mohnian
29971	Humboldt	Ferndale	22374	9	Price Creek	240-A	Ferndale 15'					Delmontian
29972	Humboldt	Ferndale	22374	10	Price Creek	240-A	Ferndale 15'					Delmontian
29973	Humboldt	Ferndale	22374	11	Price Creek	240-A	Ferndale 15'					Delmontian
29974	Humboldt	Ferndale	22374	12	Price Creek	240-A	Ferndale 15'					Delmontian
29975	Humboldt	Ferndale	22374	13	Price Creek	240-A	Ferndale 15'					Delmontian
29976	Humboldt	Ferndale	22374	14	Price Creek	240-A	Ferndale 15'					Delmontian
29977	Humboldt	Ferndale	22374	15	Price Creek	240-A	Ferndale 15'					Delmontian
29978	Humboldt	Ferndale	22374	16	Price Creek	240-A	Ferndale 15'					Delmontian
29979	Humboldt	Ferndale	22374	17	Price Creek	240-A	Ferndale 15'					Delmontian
29980	Humboldt	Ferndale	22374	18	Price Creek	240-A	Ferndale 15'					Miocene/Pliocene
29981	Humboldt	Ferndale	22374	19	Price Creek	240-A	Ferndale 15'					Miocene/Pliocene
29982	Humboldt	Ferndale	22374	20	Price Creek	240-A	Ferndale 15'					Miocene/Pliocene
29983	Humboldt	Ferndale	22374	22	Price Creek	240-A	Ferndale 15'					Miocene/Pliocene
29984	Humboldt	Ferndale	22374	23	Price Creek	240-A	Ferndale 15'					Lower Pliocene
29985	Humboldt	Ferndale	22374	24	Price Creek	240-A	Ferndale 15'					Lower Pliocene
29986	Humboldt	Taylor Peak	22375	2	Howe Creek	239-N	Scotia 15'					Delmontian
29987	Humboldt	Taylor Peak	22375	3	Howe Creek	239-N	Scotia 15'					Delmontian
29988	Humboldt	Taylor Peak	22375	4	Howe Creek	239-N	Scotia 15'					Miocene/Pliocene
29989	Humboldt	Taylor Peak	22375	5	Howe Creek	239-N	Scotia 15'					Miocene/Pliocene
29990	Humboldt	Taylor Peak	22375	6	Howe Creek	239-N	Scotia 15'					not diagnostic
29991	Humboldt	Taylor Peak	22375	7	Howe Creek	239-N	Scotia 15'					Miocene/Pliocene
29992	Humboldt	Taylor Peak	22375	8	Howe Creek	239-N	Scotia 15'	foram flood				Lower Pliocene
29993	Humboldt	Cape Mendocino	22376	1	North Bear River	240-A	Cp Mendocino 15'	nice faunas				Pseudosaucesian
29994	Humboldt	Cape Mendocino	22376	2	North Bear River	240-A	Cp Mendocino 15'	Have check				Pseudosaucesian
29995	Humboldt	Cape Mendocino	22376	3	North Bear River	240-A	Cp Mendocino 15'	list with ages				Pseudosaucesian
29996	Humboldt	Cape Mendocino	22376	4	North Bear River	240-A	Cp Mendocino 15'	and paleo				Pseudosaucesian
29997	Humboldt	Cape Mendocino	22376	5	North Bear River	240-A	Cp Mendocino 15'	report.				Pseudosaucesian
29998	Humboldt	Cape Mendocino	22376	6	North Bear River	240-A	Cp Mendocino 15'					Pseudosaucesian
29999	Humboldt	Cape Mendocino	22376	7	North Bear River	240-A	Cp Mendocino 15'					Pseudosaucesian
30000	Humboldt	Cape Mendocino	22376	8	North Bear River	240-A	Cp Mendocino 15'					Pseudosaucesian
30001	Humboldt	Cape Mendocino	22376	9	North Bear River	240-A	Cp Mendocino 15'					barren
30002	Humboldt	Cape Mendocino	22376	12	North Bear River	240-A	Cp Mendocino 15'					not diagnostic
30003	Humboldt	Cape Mendocino	22376	13	North Bear River	240-A	Cp Mendocino 15'					not diagnostic

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
30004	Humboldt	Cape Mendocino	22376	14	North Bear River	240-A	Cp Mendocino 15'		Upper Miocene			
30005	Humboldt	Cape Mendocino	22376	15	North Bear River	240-A	Cp Mendocino 15'		not diagnostic			
30006	Humboldt	Cape Mendocino	22376	16	North Bear River	240-A	Cp Mendocino 15'		Upper Miocene			
30007	Humboldt	Cape Mendocino	22376	17	North Bear River	240-A	Cp Mendocino 15'		Upper Miocene			
30008	Humboldt	Cape Mendocino	22376	18	North Bear River	240-A	Cp Mendocino 15'		Upper Miocene			
30009	Humboldt	Cape Mendocino	22376	19	North Bear River	240-A	Cp Mendocino 15'		Upper Miocene			
30010	Humboldt	Cape Mendocino	22376	20	North Bear River	240-A	Cp Mendocino 15'		Miocene/Pliocene			
30011	Humboldt	Cape Mendocino	22376	21	North Bear River	240-A	Cp Mendocino 15'		Miocene/Pliocene			
30012	Humboldt	Cape Mendocino	22376	22	North Bear River	240-A	Cp Mendocino 15'		not diagnostic			
30013	Humboldt	Cape Mendocino	22376	23	North Bear River	240-A	Cp Mendocino 15'		Miocene/Pliocene			
30014	Humboldt	Cape Mendocino	22376	24	North Bear River	240-A	Cp Mendocino 15'		Miocene/Pliocene			
30015	Humboldt	Cape Mendocino	22376	25	North Bear River	240-A	Cp Mendocino 15'		not diagnostic			
30016	Humboldt	Cape Mendocino	22376	26	North Bear River	240-A	Cp Mendocino 15'		Miocene/Pliocene			
30017	Humboldt	Cape Mendocino	22376	27	North Bear River	240-A	Cp Mendocino 15'		Delmontian			
30018	Humboldt	Cape Mendocino	22376	28	North Bear River	240-A	Cp Mendocino 15'		Delmontian			
30019	Humboldt	Cape Mendocino	22376	29	North Bear River	240-A	Cp Mendocino 15'		Delmontian			
30020	Humboldt	Cape Mendocino	22376	30	North Bear River	240-A	Cp Mendocino 15'		Delmontian			
30021	Humboldt	Cape Mendocino	22376	31	North Bear River	240-A	Cp Mendocino 15'		Delmontian			
30022	Humboldt	Cape Mendocino	22376	32	North Bear River	240-A	Cp Mendocino 15'		Delmontian			
30023	Humboldt	Cape Mendocino	22376	33	North Bear River	240-A	Cp Mendocino 15'		Delmontian			
30024	Humboldt	Cape Mendocino	22376	34	North Bear River	240-B	Cp Mendocino 15'		Delmontian			
30025	Humboldt	Cape Mendocino	22376	35	North Bear River	240-B	Cp Mendocino 15'		not diagnostic			
30026	Humboldt	Cape Mendocino	22376	36	North Bear River	240-B	Cp Mendocino 15'		not diagnostic			
30027	Humboldt	Cape Mendocino	22376	1	North Bear River	94-N	Cp Mendocino 15'	planktics	Pseudosaucesian			
30028	Humboldt	Cape Mendocino	22376	2	North Bear River	94-N	Cp Mendocino 15'	planktics	Pseudosaucesian			
30029	Humboldt	Cape Mendocino	22376	3	North Bear River	94-N	Cp Mendocino 15'	planktics	Pseudosaucesian			
30030	Humboldt	Cape Mendocino	22376	14	North Bear River	94-N	Cp Mendocino 15'	planktics	Upper Miocene			
30031	Humboldt	Cape Mendocino	22376	31	North Bear River	94-N	Cp Mendocino 15'	planktics	Delmontian			
30032	Humboldt	Cape Mendocino	22376	32	North Bear River	94-N	Cp Mendocino 15'	planktics	Delmontian			
30033	Humboldt	Capetown	22377	1	Upper Bear River	239-N	Cp Mendocino 15'	Cape Mendoc	Pseudosaucesian			
30034	Humboldt	Capetown	22377	2	Upper Bear River	239-N	Cp Mendocino 15'	Not on Fortuna	Delmontian			
30035	Humboldt	Fields Landing	22378	1	Thompkins Hill	240-B	Fortuna 15'	not on map	not diagnostic			
30036	Humboldt	Fields Landing	22378	2	Thompkins Hill	240-B	Fortuna 15'		not diagnostic			
30037	Humboldt	Fields Landing	22378	3	Thompkins Hill	240-B	Fortuna 15'	rads abun	not diagnostic			
30038	Humboldt	Fields Landing	22378	4	Thompkins Hill	240-B	Fortuna 15'		not diagnostic			
30039	Humboldt	Fields Landing	22378	5	Thompkins Hill	240-B	Fortuna 15'	abun planktics	Delmontian			
30040	Humboldt	Fortuna	22378	6	NE corner of quad	240-B	Fortuna 15'		not diagnostic			
30041	Humboldt	Fields Landing	22378	7	Thompkins Hill	240-B	Fortuna 15'		not diagnostic			
30042	Humboldt	Fields Landing	22378	8	Thompkins Hill	240-B	Fortuna 15'		Pliocene			
30043	Humboldt	Fields Landing	22378	9	Thompkins Hill	240-B	Fortuna 15'		Pliocene			
30044	Humboldt	Fields Landing	22378	10	Thompkins Hill	240-B	Fortuna 15'		Pliocene			
30045	Humboldt	Fortuna	22378	11	NE corner of quad	240-B	Fortuna 15'		Pliocene			
30046	Humboldt	Fortuna	22378	12	NE corner of quad	240-B	Fortuna 15'		Pliocene			
30047	Humboldt	Fields Landing	22378	13	Thompkins Hill	240-B	Fortuna 15'		Pliocene			
30048	Humboldt	Fields Landing	22378	14	Thompkins Hill	240-B	Fortuna 15'		not diagnostic			
30049	Humboldt	Fields Landing	22378	15	Thompkins Hill	240-B	Fortuna 15'		Pliocene			
30050	Humboldt	Fields Landing	22378	19	Thompkins Hill	240-B	Fortuna 15'		Miocene/Pliocene			
30051	Humboldt	Fields Landing	22378	20	Thompkins Hill	240-B	Fortuna 15'		Miocene/Pliocene			
30052	Humboldt	Fields Landing	22378	21	Thompkins Hill	240-B	Fortuna 15'		Miocene/Pliocene			
30053	Humboldt	Fields Landing	22378	22	Thompkins Hill	240-B	Fortuna 15'		Miocene/Pliocene			
30054	Humboldt	Fields Landing	22378	23	Thompkins Hill	240-B	Fortuna 15'		not diagnostic			
30055	Humboldt	Fields Landing	22378	24	Thompkins Hill	240-B	Fortuna 15'		Miocene/Pliocene			
30056	Humboldt	Fields Landing	22378	28	Thompkins Hill	240-B	Fortuna 15'		Cret/Paleocene			
30057	Humboldt	Fields Landing	22378	29	Thompkins Hill	240-B	Fortuna 15'		Cret/Paleocene			
30058	Humboldt	Fields Landing	22378	30	Thompkins Hill	240-B	Fortuna 15'		not diagnostic			
30059	Humboldt	Redcrest	22379	5	Van Duzen River	240-B	Weott 15'		Pliocene			
30060	Humboldt	Redcrest	22379	6	Van Duzen River	240-B	Weott 15'		not diagnostic			
30061	Humboldt	Scotia	22380	1	Elinor	240-B	Scotia 15'		not diagnostic			
30062	Humboldt	Scotia	22380	2	Elinor	240-B	Scotia 15'		not diagnostic			
30063	Humboldt	Redcrest	22380	4	Shively Creek	240-B	Weott 15'		not diagnostic			
30064	Humboldt	Redcrest	22380	5	Shively Creek	240-B	Weott 15'		Miocene/Pliocene			
30065	Humboldt	Redcrest	22380	6	Shively Creek	240-B	Weott 15'		Pliocene			
30066	Humboldt	Scotia	22380	9	Elinor	240-B	Scotia 15'		Miocene/Pliocene			
30067	Humboldt	Scotia	22380	10	Elinor	240-B	Scotia 15'		not diagnostic			
30068	Humboldt	Weott	22381	4	NE corner of quad	242-F	Weott 15'		Cret/Paleocene			
30069	Humboldt	Weott	22381	5	NE corner of quad	242-F	Weott 15'		Cret/Paleocene			
30070	Humboldt	Weott	22381	6	NE corner of quad	242-F	Weott 15'	abun diatoms	not diagnostic			
30071	Humboldt	Weott	22381	10	NE corner of quad	242-F	Weott 15'	abun diatoms	Miocene/Pliocene			
30072	Humboldt	Myers Flat	22381	11	NE corner of quad	242-F	Weott 15'		Paleocene/Eocene			
30073	Humboldt	Myers Flat	22381	12	NE corner of quad	242-F	Weott 15'		not diagnostic			
30074	Humboldt	Myers Flat	22381	13	NE corner of quad	242-F	Weott 15'		not diagnostic			
30075	Humboldt	Fields Landing	22383	1	N Fork Elk River	240-C	Fortuna 15'		barren			
30076	Humboldt	Fields Landing	22383	2	N Fork Elk River	240-C	Fortuna 15'		Miocene/Pliocene			
30077	Humboldt	McWhinney Creek	22383	3	N Fork Elk River	240-C	Fortuna 15'		Lower Pliocene			
30078	Humboldt	Fields Landing	22383	4	N Fork Elk River	240-C	Fortuna 15'		Miocene/Pliocene			
30079	Humboldt	Arcata South	22384	7	At Freshwater	240-C	Eureka 15'		Pliocene			
30080	Humboldt	Arcata South	22384	8	At Freshwater	240-C	Eureka 15'		not diagnostic			
30081	Humboldt	Arcata South	22384	9	At Freshwater	240-C	Eureka 15'	Has reworked	Pliocene			
30082	Humboldt	Cannibal Island	22385	1	Table Bluff Light	240-C	Ferndale 15'		Pliocene			
30083	Humboldt	Cannibal Island	22385	2	Table Bluff Light	240-C	Ferndale 15'		Pliocene			
30084	Humboldt	Cannibal Island	22385	3	Table Bluff Light	240-C	Ferndale 15'		Pliocene			
30085	Del Norte	Crescent City	22386	1	Pebble Beach	240-C	Crescent City 15'		Plio/Pleistocene			
30086	Del Norte	Crescent City	22386	2	Pebble Beach	240-C	Crescent City 15'		Plio/Pleistocene			
30087	Mendocino	Point Arena	22389	3	W of Pt Arena	235-N	Point Arena 15'	NP age	Middle Miocene			
30088	Kern	Pleito Hills	22395	2	Salt Creek	199-N	have strat column		Lower Eocene			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
30089	Kern	Pleito Hills	22395	2RW	Salt Creek	199-N	see also # 22340		no paleo info			
30090	Kern	Pleito Hills	22395	4	Salt Creek	199-N	and # 22786		not diagnostic			
30091	Kern	Pleito Hills	22395	5	Salt Creek	199-N			not diagnostic			
30092	Kern	Pleito Hills	22395	6	Salt Creek	199-N			not diagnostic			
30093	Kern	Pleito Hills	22395	7	Salt Creek	199-N			Eocene			
30094	Kern	Pleito Hills	22396	1	Black Bob Canyon	36-J			no paleo info			
30095	Kern	Pleito Hills	22396	2	Black Bob Canyon	36-J			no paleo info			
30096	Kern	Pleito Hills	22396	3	Black Bob Canyon	36-J			no paleo info			
30097	Kern	Grapevine	22398	1	S of Grapevine	7-K			no paleo info			
30098	San Benito	Idria	22400		Larios Canyon	244-I	New Idria 15'		no paleo info			
30099	San Benito	Idria	22401	2E	Larios Canyon	244-I	New Idria 15'		no paleo info			
30100	San Benito	Idria	22401	3E	Larios Canyon	244-I	New Idria 15'		no paleo info			
30101	San Benito	Idria	22401	4	Larios Canyon	244-I	New Idria 15'		no paleo info			
30102	San Benito	Idria	22401	6	Larios Canyon	244-I	New Idria 15'		no paleo info			
30103	San Benito	Idria	22401	6RW	Larios Canyon	244-I	New Idria 15'		no paleo info			
30104	San Benito	Idria	22401	7	Larios Canyon	244-I	New Idria 15'		no paleo info			
30105	San Benito	Idria	22401	8	Larios Canyon	244-I	New Idria 15'		no paleo info			
30106	San Benito	Idria	22401	9	Larios Canyon	244-I	New Idria 15'		no paleo info			
30107	San Benito	Idria	22401	10	Larios Canyon	244-I	New Idria 15'		no paleo info			
30108	San Benito	Idria	22401	10RW	Larios Canyon	244-I	New Idria 15'		no paleo info			
30109	San Benito	Idria	22401	11	Larios Canyon	244-I	New Idria 15'		no paleo info			
30110	San Benito	Idria	22401	11RW	Larios Canyon	244-I	New Idria 15'		no paleo info			
30111	San Benito	Idria	22401	12	Larios Canyon	244-I	New Idria 15'		no paleo info			
30112	San Benito	Idria	22401	12RW	Larios Canyon	244-I	New Idria 15'		no paleo info			
30113	San Benito	Idria	22401	13	Larios Canyon	244-I	New Idria 15'		no paleo info			
30114	San Benito	Idria	22401	14	Larios Canyon	244-I	New Idria 15'		no paleo info			
30115	San Benito	Idria	22401	15	Larios Canyon	244-I	New Idria 15'		no paleo info			
30116	San Benito	Idria	22401	16	Larios Canyon	244-I	New Idria 15'		no paleo info			
30117	San Benito	Idria	22401	17	Larios Canyon	244-J	New Idria 15'		no paleo info			
30118	San Benito	Idria	22401	18	Larios Canyon	244-J	New Idria 15'		no paleo info			
30119	San Benito	Idria	22401	19	Larios Canyon	244-J	New Idria 15'		no paleo info			
30120	San Benito	Idria	22402	1	Larios Canyon	244-J	New Idria 15'		no paleo info			
30121	San Benito	Idria	22402	2	Larios Canyon	244-J	New Idria 15'		no paleo info			
30122	San Benito	Idria	22402	3	Larios Canyon	244-J	New Idria 15'		no paleo info			
30123	San Benito	Hernandez Reservoir	22403		Lopez Creek	244-J	Hernandez Vly 15'		no paleo info			
30124	San Benito	Hernandez Reservoir	22404	1	Lopez Creek	244-J	Hernandez Vly 15'		no paleo info			
30125	San Benito	Hernandez Reservoir	22404	2	Lopez Creek	244-J	Hernandez Vly 15'		no paleo info			
30126	San Benito	Hernandez Reservoir	22404	4	Lopez Creek	244-J	Hernandez Vly 15'		no paleo info			
30127	San Benito	Hernandez Reservoir	22404	5	Lopez Creek	244-J	Hernandez Vly 15'		no paleo info			
30128	San Benito	Hernandez Reservoir	22404	6	Lopez Creek	244-J	Hernandez Vly 15'		no paleo info			
30129	San Benito	Idria	22405		in town New Idria	244-J	New Idria 15'		no paleo info			
30130	Kings	Garza Peak	22406	1	Garza Creek	244-J	type Canoas		no paleo info			
30131	Kings	Garza Peak	22406	2	Garza Creek	244-J	type Canoas		no paleo info			
30132	Kings	Garza Peak	22406	3	Garza Creek	244-J	type Canoas		no paleo info			
30133	Kings	Garza Peak	22406	4	Garza Creek	244-J	type Canoas		no paleo info			
30134	Kings	Garza Peak	22407	1	Garza Creek	244-J	type Canoas		no paleo info			
30135	Kings	Garza Peak	22408	1	Garza Creek	244-J	type Canoas		no paleo info			
30136	Kings	Garza Peak	22408	2	Garza Creek	244-J	type Canoas		no paleo info			
30137	Kings	Garza Peak	22408	3	Garza Creek	244-J	type Canoas		no paleo info			
30138	Kings	Garza Peak	22408	4	Garza Creek	244-J	type Canoas		no paleo info			
30139	Kings	Garza Peak	22408	5	Garza Creek	244-J	type Canoas		no paleo info			
30140	Kings	Garza Peak	22408	6	Garza Creek	244-J	type Canoas		no paleo info			
30141	Fresno	Joaquin Rocks	22409	1	NE part of quad	244-J			no paleo info			
30142	Fresno	Domengine Ranch	22410	1	Domengine Rnch	244-J	not on map		no paleo info			
30143	Fresno	Domengine Ranch	22410	2	Domengine Rnch	244-J	not on map		no paleo info			
30144	Fresno	Domengine Ranch	22410	3	Domengine Rnch	244-J	not on map		no paleo info			
30145	Fresno	Domengine Ranch	22410	4	Domengine Rnch	244-J	not on map		no paleo info			
30146	Fresno	Domengine Ranch	22410	5	Domengine Rnch	244-J	not on map		no paleo info			
30147	Fresno	Domengine Ranch	22410	6	Domengine Rnch	244-J	not on map		no paleo info			
30148	Fresno	Domengine Ranch	22410	7	Domengine Rnch	244-J	not on map		no paleo info			
30149	Fresno	Domengine Ranch	22410	8	Domengine Rnch	244-J	not on map		no paleo info			
30150	Humboldt	Taylor Peak	22595	1	NE part of quad	240-C	Scotia 15'		Lower Pliocene			
30151	Humboldt	Taylor Peak	22595	3	NE part of quad	240-C	Scotia 15'		Saucesian/Relizian			
30152	Humboldt	Taylor Peak	22595	3A	NE part of quad	240-C	Scotia 15'		Saucesian/Relizian			
30153	Humboldt	Taylor Peak	22595	4	NE part of quad	240-C	Scotia 15'		not diagnostic			
30154	Humboldt	Taylor Peak	22595	5	NE part of quad	240-C	Scotia 15'		Middle Miocene			
30155	Humboldt	Scotia	22595	6	SW of Rio Dell	240-C	Scotia 15'		not diagnostic			
30156	Humboldt	Scotia	22595	7	SW of Rio Dell	240-C	Scotia 15'		not diagnostic			
30157	Humboldt	Scotia	22595	8	SW of Rio Dell	240-C	Scotia 15'		Lower Pliocene			
30158	Humboldt	Scotia	22595	9	SW of Rio Dell	240-C	Scotia 15'		Mohnian/Delmontr.			
30159	Humboldt	Taylor Peak	22595	11	NE part of quad	240-C	Scotia 15'		not diagnostic			
30160	Humboldt	Fields Landing	22596	1A	E of Tompkins Hill	240-C	Fortuna 15'	good fauna	Upper Miocene			
30161	Humboldt	Fields Landing	22596	5	E of Tompkins Hill	240-C	Fortuna 15'		Upper Miocene			
30162	Humboldt	Fields Landing	22596	6	E of Tompkins Hill	240-C	Fortuna 15'		not diagnostic			
30163	Humboldt	Fields Landing	22596	7	E of Tompkins Hill	240-C	Fortuna 15'	reworked Mioc	Pliocene			
30164	Humboldt	Fields Landing	22596	7RW	E of Tompkins Hill	240-C	Fortuna 15'		Pliocene			
30165	Humboldt	Scotia	22598	1	Eel River	240-C	Scotia 15'		not diagnostic			
30166	Humboldt	Scotia	22598	2	Eel River	240-C	Scotia 15'		not diagnostic			
30167	Humboldt	Scotia	22598	3	Eel River	240-C	Scotia 15'		not diagnostic			
30168	Humboldt	Scotia	22598	4	Eel River	240-D	Scotia 15'		Upper Miocene			
30169	Humboldt	Scotia	22598	5	Eel River	240-D	Scotia 15'		Upper Miocene			
30170	Humboldt	Scotia	22598	6	Eel River	240-D	Scotia 15'		Upper Miocene			
30171	Humboldt	Scotia	22598	7	Eel River	240-D	Scotia 15'		Upper Miocene			
30172	Humboldt	Scotia	22598	8	Eel River	240-D	Scotia 15'		Upper Miocene			
30173	Humboldt	Scotia	22598	9	Eel River	240-D	Scotia 15'		not diagnostic			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
30174	Del Norte	Crescent City	22599	1	Pebble Beach	240-D	Crescent City 15'		Plio/Pleistocene			
30175	Del Norte	Crescent City	22599	2	Pebble Beach	240-D	Crescent City 15'		barren			
30176	Del Norte	Crescent City	22599	3	Pebble Beach	240-D	Crescent City 15'		barren			
30177	Humboldt	Ferndale	22600	1	Wildcat Canyon	240-D	Ferndale 15'		not diagnostic			
30178	Humboldt	Ferndale	22600	2	Wildcat Canyon	240-D	Ferndale 15'		Plio/Pleistocene			
30179	Humboldt	Ferndale	22600	2A	Wildcat Canyon	240-D	Ferndale 15'		Plio/Pleistocene			
30180	Humboldt	Ferndale	22600	3	Wildcat Canyon	240-D	Ferndale 15'		not diagnostic			
30181	Humboldt	Ferndale	22600	4	Wildcat Canyon	240-D	Ferndale 15'		Plio/Pleistocene			
30182	Humboldt	Ferndale	22600	5	Wildcat Canyon	240-D	Ferndale 15'		Upper Pliocene			
30183	Humboldt	Ferndale	22600	7	Wildcat Canyon	240-D	Ferndale 15'		not diagnostic			
30184	Humboldt	Ferndale	22600	8	Wildcat Canyon	240-D	Ferndale 15'		Lower Pliocene			
30185	Humboldt	Ferndale	22600	8A	Wildcat Canyon	240-D	Ferndale 15'		Lower Pliocene			
30186	Humboldt	Ferndale	22600	8B	Wildcat Canyon	240-D	Ferndale 15'		Lower Pliocene			
30187	Humboldt	Ferndale	22600	9	Wildcat Canyon	240-D	Ferndale 15'		not diagnostic			
30188	Humboldt	Ferndale	22600	10	Wildcat Canyon	240-D	Ferndale 15'		not diagnostic			
30189	Humboldt	Ferndale	22600	11	Wildcat Canyon	240-D	Ferndale 15'		not diagnostic			
30190	Humboldt	Ferndale	22600	12A	Wildcat Canyon	240-D	Ferndale 15'		not diagnostic			
30191	Humboldt	Ferndale	22600	X	Wildcat Canyon	240-D	Ferndale 15'		not diagnostic			
30192	Humboldt	Redcrest	22602	1	not on map	240-D	Weott 15'	Pepperwood v	?Upper Miocene			
30193	Mendocino	Point Arena	22603	1	Arena Cove	235-N	Pt Arena 15'		no paleo info			
30194	Mendocino	Point Arena	22603	2	Arena Cove	235-N	Pt Arena 15'		no paleo info			
30195	Mendocino	Point Arena	22603	3	Arena Cove	235-N	Pt Arena 15'		no paleo info			
30196	Marin	Bolinas	22605	3	Bolinas Point	235-N	Pt Reyes 15'		no paleo info			
30197	Monterey	Reliz Canyon	22608	slide1	Reliz Canyon	243-G	type Relizian		no paleo info	Kleinpell		
30198	Monterey	Reliz Canyon	22608	slide2	Reliz Canyon	243-G	type Relizian		no paleo info	Kleinpell		
30199	Monterey	Reliz Canyon	22608	1	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
30200	Monterey	Reliz Canyon	22608	3	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
30201	Monterey	Reliz Canyon	22608	4	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
30202	Monterey	Reliz Canyon	22608	4	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
30203	Monterey	Reliz Canyon	22608	5	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
30204	Monterey	Reliz Canyon	22608	7	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
30205	Monterey	Reliz Canyon	22608	8	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
30206	Monterey	Reliz Canyon	22608	9	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
30207	Monterey	Reliz Canyon	22608	11	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
30208	Monterey	Reliz Canyon	22608	12	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
30209	Alameda	La Costa Valley	22637		Calaveras Road	239-F	Livermore 15'		no paleo info			
30210	Alameda	La Costa Valley	22638		Calaveras Road	239-F	Livermore 15'		no paleo info			
30211	Alameda	La Costa Valley	22639		Calaveras Road	239-F	Livermore 15'		no paleo info			
30212	Alameda	Dublin	22642		Tehan Canyon	239-F	age from geol map		Lower Cret J-2			
30213	Contra Costa	Walnut Creek	22643		WC part of quad	239-F	age from slide		Paleocene			
30214	Humboldt	Taylor Peak	22656	2	Howe Creek	242-F	Scotia 15'	planktics com	Lower Pliocene			
30215	Humboldt	Fortuna	22656	3	Howe Creek	242-F	Fortuna 15'		Lower Pliocene			
30216	Humboldt	Fortuna	22656	4	Howe Creek	242-F	Fortuna 15'		Lower Pliocene			
30217	Humboldt	Fortuna	22656	5	Howe Creek	242-F	Fortuna 15'	planktics com	Lower Pliocene			
30218	Humboldt	Redcrest	22658	10	Pepperwood	242-G	Weott 15'		poss U Miocene			
30219	Humboldt	Redcrest	22661		Holmes area	242-G	Weott 15'		poss U Miocene			
30220	Humboldt	Redcrest	22662	1	Holmes area	242-G	Weott 15'		poss U Miocene			
30221	Humboldt	Redcrest	22664	1	Pepperwood	242-G	Weott 15'		poss U Miocene			
30222	Humboldt	Redcrest	22665	3	Van Duzen River	242-G	Weott 15'		Pliocene			
30223	Humboldt	Redcrest	22665	4	Van Duzen River	242-G	Weott 15'		poss Pliocene			
30224	Humboldt	Redcrest	22672	3	Larabee Ck	242-G	Weott 15'		Cret/Paleocene??			
30225	Humboldt	Redcrest	22677		Shively	242-G	Weott 15'		Miocene/Pliocene			
30226	Humboldt	Redcrest	22678		Shively	242-G	Weott 15'	planktics com	Upper Miocene			
30227	Humboldt	Redcrest	22681	1	Camp Bemis	242-G	Weott 15'		Lower Pliocene			
30228	Humboldt	Owl Creek	22681	2	SE part of quad	242-G	Iaqua Buttes 15'	good fauna	Lower Pliocene			
30229	Humboldt	Redcrest	22682	1	NE corner quad	242-G	Weott 15'		Lower Pliocene			
30230	Humboldt	Redcrest	22682	2	NE corner quad	242-G	Weott 15'		Pliocene			
30231	Humboldt	Redcrest	22682	3	NE corner quad	242-G	Weott 15'		Pliocene			
30232	Humboldt	Redcrest	22683		NE corner quad	242-H	Weott 15'		Pliocene			
30233	Humboldt	Redcrest	22684	1	NE corner quad	242-H	Weott 15'	planktics com	Pliocene			
30234	Humboldt	Redcrest	22684	2	NE corner quad	242-H	Weott 15'		Pliocene			
30235	Humboldt	Redcrest	22684	2	NE corner quad	242-H	Weott 15'	planktics com	Pliocene			
30236	Humboldt	Fortuna	22685	1	Blue Road	242-H	Fortuna 15'	planktics com	Pliocene			
30237	Humboldt	Fortuna	22685	2	Blue Road	242-H	Fortuna 15'		Pliocene			
30238	Humboldt	Fortuna	22685	4	Blue Road	242-H	Fortuna 15'		Pliocene			
30239	Humboldt	Fortuna	22685	5	Blue Road	242-H	Fortuna 15'		Pliocene			
30240	Humboldt	Fortuna	22685	6	Blue Road	242-H	Fortuna 15'	planktics com	Pliocene			
30241	Humboldt	Fortuna	22685	7	Blue Road	242-H	Fortuna 15'		Pliocene			
30242	Humboldt	Fortuna	22686	1	Price Creek	242-H	Fortuna 15'		Pliocene			
30243	Humboldt	Fortuna	22686	2	Price Creek	242-H	Fortuna 15'		Pliocene			
30244	Humboldt	Fortuna	22686	3	Price Creek	242-H	Fortuna 15'		Pliocene			
30245	Humboldt	Ferndale	22687	1	SE corner quad	242-H	Ferndale 15'	planktics com	Lower Pliocene			
30246	Humboldt	Ferndale	22687	2	SE corner quad	242-H	Ferndale 15'		Lower Pliocene			
30247	Humboldt	Redcrest	22689		Root Creek	242-H	Weott 15'		no paleo info			
30248	Humboldt	Cape Mendocino	22691	1	NW of Capetown	244-C	Cp Mendocino 15'		Delmontian			
30249	Humboldt	Cape Mendocino	22691	2	NW of Capetown	244-C	Cp Mendocino 15'		not diagnostic			
30250	Humboldt	Cape Mendocino	22691	3	NW of Capetown	244-C	Cp Mendocino 15'		not diagnostic			
30251	Humboldt	Cape Mendocino	22691	4	NW of Capetown	244-C	Cp Mendocino 15'		not diagnostic			
30252	Humboldt	Cape Mendocino	22691	5	NW of Capetown	244-C	Cp Mendocino 15'		not diagnostic			
30253	Humboldt	Cape Mendocino	22691	8	NW of Capetown	244-C	Cp Mendocino 15'		Pseudosaucian			
30254	Humboldt	Cape Mendocino	22691	11	NW of Capetown	244-C	Cp Mendocino 15'		Pseudosaucian			
30255	Humboldt	Cape Mendocino	22691	12	NW of Capetown	244-C	Cp Mendocino 15'		Pseudosaucian			
30256	Humboldt	Cape Mendocino	22692	1	NW of Capetown	244-C	Cp Mendocino 15'	Have strat	Miocene/Pliocene			
30257	Humboldt	Cape Mendocino	22692	2	NW of Capetown	244-C	Cp Mendocino 15'	column and	Miocene/Pliocene			
30258	Humboldt	Cape Mendocino	22692	3	NW of Capetown	244-C	Cp Mendocino 15'	check list	Delmontian			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
30259	Humboldt	Cape Mendocino	22692	4	NW of Capetown	244-C	Cp Mendocino 15'		Delmontian			
30260	Humboldt	Cape Mendocino	22692	5	NW of Capetown	244-C	Cp Mendocino 15'		Delmontian			
30261	Humboldt	Cape Mendocino	22692	7	NW of Capetown	244-C	Cp Mendocino 15'		Delmontian			
30262	Humboldt	Cape Mendocino	22692	8	NW of Capetown	244-C	Cp Mendocino 15'		Delmontian			
30263	Humboldt	Cape Mendocino	22692	10	NW of Capetown	244-C	Cp Mendocino 15'	Pseudosauc.	Pseudosaucian			
30264	Humboldt	Capetown	22693	2	Bear River	244-C	Cp Mendocino 15'	is apparently a	Pseudosaucian			
30265	Humboldt	Capetown	22693	3	Bear River	244-C	Cp Mendocino 15'	term for deep	Pseudosaucian			
30266	Humboldt	Capetown	22693	4	Bear River	244-C	Cp Mendocino 15'	water facies of	Pseudosaucian			
30267	Humboldt	Capetown	22694	1	Bear River	244-C	Cp Mendocino 15'	the Saucian	Pseudosaucian			
30268	Humboldt	Capetown	22694	2	Bear River	244-C	Cp Mendocino 15'	and younger	Pseudosaucian			
30269	Humboldt	Capetown	22694	3	Bear River	244-C	Cp Mendocino 15'	stages.	Pseudosaucian			
30270	Humboldt	Capetown	22696	1	Bear River	244-C	Cp Mendocino 15'		Pseudosaucian			
30271	Humboldt	Capetown	22696	2	Bear River	244-C	Cp Mendocino 15'		Pseudosaucian			
30272	Humboldt	Capetown	22696	3	Bear River	244-C	Cp Mendocino 15'		Saucian/Relizian			
30273	Humboldt	Capetown	22696	4	Bear River	244-C	Cp Mendocino 15'		Pseudosaucian			
30274	Humboldt	Capetown	22697	2	Bear River	244-C	Cp Mendocino 15'		Pseudosaucian			
30275	Humboldt	Capetown	22698	1	Bear River	244-C	Cp Mendocino 15'	planktics com	Pseudo or L Mioc			
30276	Humboldt	Capetown	22698	2	Bear River	244-D	Cp Mendocino 15'		Pseudo or L Mioc			
30277	Humboldt	Capetown	22698	4	Bear River	244-D	Cp Mendocino 15'	planktics com	Pseudo or L Mioc			
30278	Humboldt	Capetown	22699	1	Bear River	244-D	Cp Mendocino 15'	planktics com	Pseudo or L Mioc			
30279	Humboldt	Capetown	22700	2	Bear River	244-D	Cp Mendocino 15'		Pseudo or L Mioc			
30280	Humboldt	Capetown	22703	1	Bear River	244-D	Cp Mendocino 15'	planktics com	Pseudo or L Mioc			
30281	Humboldt	Capetown	22703	2	Bear River	244-D	Cp Mendocino 15'	planktics com	Pseudo or L Mioc			
30282	Humboldt	Capetown	22703	3	Bear River	244-D	Cp Mendocino 15'		Pseudo or L Mioc			
30283	Humboldt	Capetown	22705		Walker Ridge	244-D	Cp Mendocino 15'	planktics com	Lower Pliocene			
30284	Humboldt	Petrolia	22706	1	Domingo Ck	244-D	Cp Mendocino 15'		poss Pseudosauc.			
30285	Humboldt	Petrolia	22706	2	Domingo Ck	244-D	Cp Mendocino 15'	planktics com	Pseudosaucian			
30286	Humboldt	Petrolia	22706	4	Domingo Ck	244-D	Cp Mendocino 15'		Miocene/Pliocene			
30287	Humboldt	Petrolia	22710		N Fork Mattole R	244-D	Cp Mendocino 15'		Miocene/Pliocene			
30288	Humboldt	Petrolia	22711	2	Domingo Ck	244-D	Cp Mendocino 15'		Miocene/Pliocene			
30289	Humboldt	Petrolia	22712	1	McNutt Gulch	244-D	Cp Mendocino 15'	abun planktics	Miocene/Pliocene			
30290	Humboldt	Petrolia	22713		Wildcat Gulch	244-D	Cp Mendocino 15'	planktics com	Lower Pliocene			
30291	Humboldt	Petrolia	22715		in Petrolia	244-D	Cp Mendocino 15'		Miocene/Pliocene	Godsey &		
30292	Humboldt	Petrolia	22716		W of Petrolia	244-D	Cp Mendocino 15'		Miocene/Pliocene			
30293	Humboldt	Petrolia	22717		NW of Petrolia	244-D	Cp Mendocino 15'		Miocene/Pliocene			
30294	Humboldt	Garberville	22722		E of Benbow	244-D	Garberville 15'		Pliocene			
30295	Humboldt	Miranda	22724		Seely Creek	244-D	Garberville 15'		not diagnostic			
30296	Mendocino	Piercy	22730		Piercy area	244-D	Piercy 15'		not diagnostic			
30297	Mendocino	Piercy	22731	1	Piercy area	244-D	Piercy 15'		not diagnostic			
30298	Mendocino	Piercy	22731	2	Piercy area	244-D	Piercy 15'		not diagnostic			
30299	Humboldt	Garberville	22732		Sprol Creek	244-E	Garberville 15'		not diagnostic			
30300	Humboldt	Garberville	22733		Sprol Creek	244-E	Garberville 15'		not diagnostic			
30301	Humboldt	Garberville	22733	RW	Sprol Creek	244-E	Garberville 15'		not diagnostic			
30302	Humboldt	Garberville	22734		Sprol Creek	244-E	Garberville 15'		not diagnostic			
30303	Humboldt	Garberville	22734	RW	Sprol Creek	244-E	Garberville 15'		not diagnostic			
30304	Contra Costa	Antioch South	22735		Deer Valley Road	248-M	Mt Diablo area		no paleo info			
30305	Contra Costa	Antioch South	22736	2	Deer Valley	248-M	Mt Diablo area		no paleo info			
30306	Contra Costa	Antioch South	22736	2A	Deer Valley	248-M	Mt Diablo area		no paleo info			
30307	Contra Costa	Antioch South	22737	3	Deer Valley	248-M	Mt Diablo area		no paleo info			
30308	Contra Costa	Antioch South	22737	3A	Deer Valley	248-M	Mt Diablo area		no paleo info			
30309	Contra Costa	Antioch South	22738	4	Deer Valley	248-M	Mt Diablo area		no paleo info			
30310	Contra Costa	Antioch South	22738	4A	Deer Valley	248-M	Mt Diablo area		no paleo info			
30311	Contra Costa	Antioch South	22739	5	Deer Valley	248-M	Mt Diablo area		no paleo info			
30312	Contra Costa	Antioch South	22740	6A	Stewartsville	248-M	Mt Diablo area		no paleo info			
30313	Contra Costa	Antioch South	22740	6B	Stewartsville	248-M	Mt Diablo area		no paleo info			
30314	Contra Costa	Antioch South	22740	6C	Stewartsville	248-M	Mt Diablo area		no paleo info			
30315	Contra Costa	Antioch South	22740	6D	Stewartsville	248-M	Mt Diablo area		no paleo info			
30316	Contra Costa	Antioch South	22741	7A	Stewartsville	248-M	Mt Diablo area		no paleo info			
30317	Contra Costa	Antioch South	22741	7B	Stewartsville	248-M	Mt Diablo area		no paleo info			
30318	Contra Costa	Antioch South	22741	7C	Stewartsville	248-M	Mt Diablo area		no paleo info			
30319	Contra Costa	Clayton	22742	8	S of Nortonville	248-M	sa Antioch South		no paleo info			
30320	Contra Costa	Clayton	22742	8A	S of Nortonville	248-M	sa Antioch South		no paleo info			
30321	Contra Costa	Clayton	22743		S of Nortonville	248-M	sa Antioch South		no paleo info			
30322	Contra Costa	Clayton	22743		S of Nortonville	248-M	sa Antioch South		no paleo info			
30323	Contra Costa	Clayton	22744		S of Nortonville	248-M	sa Antioch South		no paleo info			
30324	Kern	Pleito Hills	22746	1	NE part of quad	179-A		age from map	Relizian			
30325	Kern	Pleito Hills	22746	3	NE part of quad	179-A			no paleo info			
30326	Kern	Pleito Hills	22746	4	NE part of quad	179-A			no paleo info			
30327	Kern	Pleito Hills	22746	5	NE part of quad	179-A			no paleo info			
30328	Kern	Pleito Hills	22746	6	NE part of quad	179-A		age from map	Relizian			
30329	Kern	Pleito Hills	22746	7	NE part of quad	179-A		age from map	Relizian			
30330	Kern	Pleito Hills	22748	1	NE part of quad	179-A		age from map	Relizian			
30331	Kern	Pleito Hills	22749	1	NE part of quad	179-A		age from map	Relizian			
30332	Kern	Pleito Hills	22749	2	NE part of quad	179-A			no paleo info			
30333	Kern	Pleito Hills	22749	3	NE part of quad	179-A			no paleo info			
30334	Kern	Pleito Hills	22749	4	NE part of quad	179-A			no paleo info			
30335	Kern	Pleito Hills	22749	5	NE part of quad	179-A			no paleo info			
30336	Kern	Pleito Hills	22749	6	NE part of quad	179-A			no paleo info			
30337	Kern	Pleito Hills	22749	7	NE part of quad	179-A			no paleo info			
30338	Kern	Pleito Hills	22749	8	NE part of quad	179-A		age from map	Luisian			
30339	Kern	Pleito Hills	22750	1	NE part of quad	179-A			no paleo info			
30340	Kern	Pleito Hills	22750	2	NE part of quad	179-A		age from map	Relizian			
30341	Kern	Pleito Hills	22750	3	NE part of quad	179-A			no paleo info			
30342	Kern	Pleito Hills	22751	1	center of quad	179-A	sa Grapevine	age from map	Relizian			
30343	Kern	Pastoria Creek	22752	1	Liveoak Canyon	179-A			no paleo info			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
30344	Kern	Grapevine	22753	1	Tecuya Creek	179-A			no paleo info			
30345	Kern	Grapevine	22753	2	Tecuya Creek	179-A			no paleo info			
30346	Kern	Grapevine	22753	3	Tecuya Creek	179-A			Saucesian?			
30347	Kern	Pleito Hills	22754	1	Pleito Hills	179-A			no paleo info			
30348	Kern	Pleito Hills	22755	1	Pleito Hills	179-A			no paleo info			
30349	Kern	Grapevine	22758		Pleito Hills	179-A			no paleo info			
30350	Kern	Grapevine	22764		E of Tecuya Creek	188-C			no paleo info			
30351	Kern	Grapevine	22765		E of Tecuya Creek	188-C			no paleo info			
30352	Kern	Grapevine	22766		E of Tecuya Creek	188-C			no paleo info			
30353	Kern	Grapevine	22767		E of Tecuya Creek	188-C			no paleo info			
30354	Kern	Grapevine	22769		Grapevine Cyn	188-C			no paleo info			
30355	Kern	Grapevine	22770		At Grapevine	188-C			no paleo info			
30356	Kern	Grapevine	22777		At Grapevine	188-C			no paleo info			
30357	Kern	Pastoria Creek	22779	2	E of Pastoria Ck	188-C			no paleo info			
30358	Kern	Pastoria Creek	22780	3	Liveoak Canyon	188-C		area K-15	no paleo info			
30359	Kern	Pastoria Creek	22780	4	Liveoak Canyon	188-C			no paleo info			
30360	Kern	Pleito Hills	22784	1	Neasons Flat	197-L	have strat column	Discocyclina	Upper Eocene			
30361	Kern	Pleito Hills	22784	2	Neasons Flat	197-L	see # 22342	Discocyclina	Upper Eocene			
30362	Kern	Pleito Hills	22784	3	Neasons Flat	197-L			Upper Eocene			
30363	Kern	Pleito Hills	22784	4	Neasons Flat	197-L			Upper Eocene			
30364	Kern	Pleito Hills	22784	5	Neasons Flat	197-L			Upper Eocene			
30365	Kern	Pleito Hills	22784	6	Neasons Flat	197-L		area K-15	Upper Eocene			
30366	Kern	Pleito Hills	22784	5A	Neasons Flat	197-L			Upper Eocene			
30367	Kern	Pleito Hills	22784	6A	Neasons Flat	197-L			Upper Eocene			
30368	Kern	Pleito Hills	22784	6B	Neasons Flat	197-L			Upper Eocene			
30369	Kern	Pleito Hills	22786	1	Salt Creek	197-L	have strat column		Eocene	Miller		
30370	Kern	Pleito Hills	22786	1	Salt Creek	197-L			Eocene			
30371	Kern	Pleito Hills	22786	2	Salt Creek	197-L			Eocene			
30372	Kern	Pleito Hills	22786	2A	Salt Creek	197-L			Eocene			
30373	Kern	Pleito Hills	22786	3	Salt Creek	197-L			Eocene			
30374	Kern	Pleito Hills	22786	5	Salt Creek	197-L			Eocene			
30375	Kern	Pleito Hills	22786	6	Salt Creek	197-L			Eocene			
30376	Kern	Eagle Rest Peak	22787		Los Lobos Ck	179-E		ares K-14	no paleo info			
30377	Kern	Pleito Hills	22788	1	E of Neasons Flat	197-L	have strat column		not diagnostic			
30378	Kern	Pleito Hills	22788	2	E of Neasons Flat	197-L	have strat column		Upper Eocene			
30379	Kern	Pleito Hills	22788	3	E of Neasons Flat	197-L	have strat column		Upper Eocene			
30380	Kern	Pleito Hills	22788	4	E of Neasons Flat	197-L	have strat column		Upper Eocene			
30381	Kern	Pleito Hills	22788	5	E of Neasons Flat	197-L	have strat column		Upper Eocene			
30382	Kern	Pleito Hills	22789	2	E of Neasons Flat	197-L	have strat column		Upper Eocene			
30383	Kern	Pleito Hills	22789	3	E of Neasons Flat	197-L	have strat column		Upper Eocene			
30384	Kern	Pleito Hills	22789	4	E of Neasons Flat	197-L	have strat column		Upper Eocene			
30385	Kern	Grapevine	22792	1	W of Tecuya Ck	197-L			Eocene/Miocene			
30386	Kern	Grapevine	22793	1	No Name Cyn	197-L			Eocene/Miocene			
30387	Kern	Grapevine	22793	2	No Name Cyn	197-L			Eocene/Miocene			
30388	Kern	Grapevine	22793	3	No Name Cyn	197-L		area K-15	Eocene/Miocene			
30389	Kern	Grapevine	22793	4	No Name Cyn	197-L			Eocene/Miocene			
30390	Kern	Grapevine	22793	5	No Name Cyn	197-L			Eocene/Miocene			
30391	Kern	Grapevine	22793	16	No Name Cyn	197-L			Eocene/Miocene			
30392	Kern	Grapevine	22793	18	No Name Cyn	197-L			Eocene/Miocene			
30393	Kern	Grapevine	22793	20	No Name Cyn	197-L			Eocene/Miocene			
30394	Kern	Grapevine	22793	22	No Name Cyn	197-L			Eocene/Miocene			
30395	Kern	Eagle Rest Peak	22794	1	Pleito Ck	197-M			no paleo info	Miller		
30396	Kern	Eagle Rest Peak	22794	3	Pleito Ck	197-M			no paleo info	Miller		
30397	Kern	Eagle Rest Peak	22795	23	Pleito Ck	197-M	have strat column		not diagnostic	Miller		
30398	Kern	Eagle Rest Peak	22795	25	Pleito Ck	197-M	have strat column		Zemorian	Miller		
30399	Kern	Pleito Hills	22796	10	Pleito Ck	197-M	have strat column		Zemorian	Miller		
30400	Kern	Pleito Hills	22796	11	Pleito Ck	197-M	have strat column		Zemorian	Miller		
30401	Kern	Pleito Hills	22796	12	Pleito Ck	197-M	have strat column		Zemorian	Miller		
30402	Kern	Pleito Hills	22797	3	W of Pleito Ck	197-M			Zemorian	Miller		
30403	Kern	Pleito Hills	22797	4	W of Pleito Ck	197-M			Zemorian	Miller		
30404	Humboldt	Ferndale	22802	1	Centerville Beach	242-H	Ferndale 15'		not diagnostic			
30405	Humboldt	Ferndale	22802	2	Centerville Beach	242-H	Ferndale 15'	abun planktics	Delmontian			
30406	Humboldt	Ferndale	22802	4	Centerville Beach	242-H	Ferndale 15'		barren			
30407	Humboldt	Ferndale	22802	8	Centerville Beach	242-H	Ferndale 15'		Delmontian			
30408	Humboldt	Ferndale	22802	9	Centerville Beach	242-H	Ferndale 15'		Lower Pliocene			
30409	Humboldt	Ferndale	22802	10	Centerville Beach	242-H	Ferndale 15'		Lower Pliocene			
30410	Humboldt	Ferndale	22802	11	Centerville Beach	242-H	Ferndale 15'		Upper Pliocene			
30411	Humboldt	Fortuna	22803	1	Price Creek	242-H	Fortuna 15'	planktics com	Upper Pliocene			
30412	Humboldt	Fortuna	22803	2	Price Creek	242-H	Fortuna 15'		Upper Pliocene			
30413	Humboldt	Fortuna	22803	3	Price Creek	242-H	Fortuna 15'		Upper Pliocene			
30414	Humboldt	Fortuna	22803	4	Price Creek	242-H	Fortuna 15'	planktics com	Lower Pliocene			
30415	Humboldt	Fortuna	22803	5A	Price Creek	242-H	Fortuna 15'		Lower Pliocene			
30416	Humboldt	Fortuna	22803	5B	Price Creek	242-H	Fortuna 15'	planktics com	Lower Pliocene			
30417	Humboldt	Fortuna	22803	6	Price Creek	242-H	Fortuna 15'		Delmontian			
30418	Humboldt	Fortuna	22803	7A	Price Creek	242-H	Fortuna 15'		not diagnostic			
30419	Humboldt	Fortuna	22803	7B	Price Creek	242-H	Fortuna 15'	planktics com	Delmontian			
30420	Humboldt	Fortuna	22803	8	Price Creek	242-H	Fortuna 15'		not diagnostic			
30421	Humboldt	Miranda	22810	1	SW part of quad	242-H	Garberville 15'		poss Pliocene			
30422	Humboldt	Miranda	22810	2	SW part of quad	242-H	Garberville 15'		poss Pliocene			
30423	Humboldt	Miranda	22810	3	SW part of quad	242-H	Garberville 15'		poss Pliocene			
30424	Humboldt	Miranda	22811	1	SW part of quad	242-H	Garberville 15'		poss Mio/Plio			
30425	Humboldt	Miranda	22811	2	SW part of quad	242-H	Garberville 15'		poss Mio/Plio			
30426	Humboldt	Miranda	22811	3	SW part of quad	242-H	Garberville 15'		poss Mio/Plio			
30427	Humboldt	Garberville	22834		E of Benbow	244-H	Garberville 15'	planktics com	not diagnostic	Silcox		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
30428	Humboldt	Ferndale	22836	1A	Eel River auger	244-E	Ferndale 15'	good faunas	Miocene/Pliocene			
30429	Humboldt	Ferndale	22836	1B	NW of Bunker Hill	244-E	Ferndale 15'		Miocene/Pliocene			
30430	Humboldt	Ferndale	22836	1C	Eel River auger	244-E	Ferndale 15'		Miocene/Pliocene			
30431	Humboldt	Ferndale	22836	1D	Eel River auger	244-E	Ferndale 15'		Miocene/Pliocene			
30432	Humboldt	Ferndale	22836	1E	Eel River auger	244-E	Ferndale 15'		Miocene/Pliocene			
30433	Humboldt	Ferndale	22836	1F	Eel River auger	244-E	Ferndale 15'		Miocene/Pliocene			
30434	Humboldt	Ferndale	22836	1G	Eel River auger	244-E	Ferndale 15'		Miocene/Pliocene			
30435	Humboldt	Ferndale	22836	1H	Eel River auger	244-E	Ferndale 15'		Miocene/Pliocene			
30436	Humboldt	Ferndale	22836	2	Eel River auger	244-E	Ferndale 15'	planktics com	Miocene/Pliocene	hole 2		
30437	Humboldt	Ferndale	22836	3	Eel River auger	244-E	Ferndale 15'	planktics com	Lower Pliocene	hole 3		
30438	Humboldt	Ferndale	22836	4	Eel River auger	244-E	Ferndale 15'	planktics com	Lower Pliocene	hole 4		
30439	Humboldt	Ferndale	22836	5A	Eel River auger	244-E	Ferndale 15'		poss Mio/Pliocene	hole 5		
30440	Humboldt	Ferndale	22836	5B	Eel River auger	244-E	Ferndale 15'		poss Mio/Pliocene			
30441	Humboldt	Ferndale	22836	5C	Eel River auger	244-E	Ferndale 15'		poss Mio/Pliocene			
30442	Humboldt	Ferndale	22836	6B	Eel River auger	244-E	Ferndale 15'		not diagnostic	hole 6		
30443	Humboldt	Ferndale	22836	7	Eel River auger	244-E	Ferndale 15'		poss Cretaceous	hole 7		
30444	Humboldt	Ferndale	22836	8A	Eel River auger	244-E	Ferndale 15'		not diagnostic	hole 8		
30445	Humboldt	Ferndale	22836	9	Eel River auger	244-E	Ferndale 15'		not diagnostic	hole 9		
30446	Humboldt	Ferndale	22837	1	N of Bunker Hill	244-E	Ferndale 15'		Pliocene			
30447	Humboldt	Capetown	22838	1	Bear River	224-E	Cp Mendocino 15'	good fauna	Saucesian/Pseud	hole 1		
30448	Humboldt	Ferndale	22838	1A	S of Ferndale	244-E	Ferndale 15'	good fauna	Saucesian/Pseudo?			
30449	Humboldt	Ferndale	22838	1B	Eel River auger	244-E	Ferndale 15'	good fauna	Saucesian/Pseudo?			
30450	Humboldt	Ferndale	22839	1A	McNutt Gulch	244-E	Ferndale 15'		Miocene/Pliocene			
30451	Humboldt	Capetown	22839	1B	Eel River auger	244-E	Cp Mendocino 15'		Miocene/Pliocene			
30452	Humboldt	Petrolia	22839	2A	NW part of quad	244-E	Cp Mendocino 15'		Miocene/Pliocene			
30453	Humboldt	Petrolia	22839	2B	NW part of quad	244-E	Cp Mendocino 15'		Miocene/Pliocene			
30454	Humboldt	Capetown	22839	3	Eel River auger	244-E	Cp Mendocino 15'		Lower Pliocene			
30455	Humboldt	Petrolia	22840	1	NW of Petrolia	244-E	Cp Mendocino 15'		Miocene/Pliocene			
30456	Humboldt	Petrolia	22841	1A	W of Petrolia	244-E	Cp Mendocino 15'		Miocene/Pliocene			
30457	Humboldt	Petrolia	22841	1B	Eel River auger	244-E	Cp Mendocino 15'		Miocene/Pliocene			
30458	Humboldt	Petrolia	22841	2A	Eel River auger	244-E	Cp Mendocino 15'		Miocene/Pliocene			
30459	Humboldt	Petrolia	22841	2B	Eel River auger	244-E	Cp Mendocino 15'		Miocene/Pliocene			
30460	Humboldt	Petrolia	22841	3	Eel River auger	244-E	Cp Mendocino 15'		Miocene/Pliocene			
30461	Humboldt	Petrolia	22841	4	Eel River auger	244-E	Cp Mendocino 15'		Miocene/Pliocene			
30462	Humboldt	Petrolia	22841	5A	Eel River auger	244-E	Cp Mendocino 15'		Miocene/Pliocene			
30463	Humboldt	Petrolia	22841	5B	Eel River auger	244-E	Cp Mendocino 15'		Miocene/Pliocene			
30464	Humboldt	Petrolia	22843	1	Eel River auger	244-E	Cp Mendocino 15'		prob Mio/Pliocene			
30465	Humboldt	Petrolia	22843	2	N of Petrolia	244-E	Cp Mendocino 15'		prob Mio/Pliocene			
30466	Humboldt	Garberville	22845	2	Briceland area	244-F	Garberville 15'		?Cretaceous			
30467	Humboldt	Garberville	22845	3	Eel River auger	244-F	Garberville 15'		?Cretaceous			
30468	Humboldt	Garberville	22845	4	Eel River auger	244-F	Garberville 15'		?Cretaceous			
30469	Humboldt	Garberville	22845	6A	Eel River auger	244-F	Garberville 15'		?Cretaceous			
30470	Humboldt	Garberville	22845	6B	Eel River auger	244-F	Garberville 15'		?Cretaceous			
30471	Humboldt	Garberville	22845	7A	Eel River auger	244-F	Garberville 15'		?Cretaceous			
30472	Humboldt	Garberville	22845	7B	Eel River auger	244-F	Garberville 15'		?Cretaceous			
30473	Humboldt	Garberville	22845	7C	Eel River auger	244-F	Garberville 15'		?Cretaceous			
30474	Humboldt	Garberville	22845	8	Eel River auger	244-F	Garberville 15'		?Cretaceous			
30475	Humboldt	Briceland	22845	9	Eel River auger	244-F	Garberville 15'		?Cretaceous			
30476	Humboldt	Briceland	22845	10A	Eel River auger	244-F	Garberville 15'		?Cretaceous			
30477	Humboldt	Briceland	22845	10B	Eel River auger	244-F	Garberville 15'		?Cretaceous			
30478	Humboldt	Briceland	22845	11A	Eel River auger	244-F	Garberville 15'		?Cretaceous			
30479	Humboldt	Briceland	22845	11B	Eel River auger	244-F	Garberville 15'		?Cretaceous			
30480	Humboldt	Briceland	22845	12A	Eel River auger	244-F	Garberville 15'		?Cretaceous			
30481	Humboldt	Briceland	22845	12B	Eel River auger	244-F	Garberville 15'		?Cretaceous			
30482	Humboldt	Briceland	22845	13	Eel River auger	244-F	Garberville 15'		?Cretaceous			
30483	Humboldt	Briceland	22845	13B	Eel River auger	244-F	Garberville 15'		?Cretaceous			
30484	Humboldt	Briceland	22845	14A	Eel River auger	244-F	Garberville 15'		?Cretaceous			
30485	Humboldt	Briceland	22845	14B	Eel River auger	244-F	Garberville 15'		?Cretaceous			
30486	Humboldt	Miranda	22846	1A	SW part of quad	244-F	Garberville 15'	auger	Pliocene			
30487	Humboldt	Miranda	22846	1B	SW part of quad	244-F	Garberville 15'		Pliocene			
30488	Humboldt	Miranda	22846	3	SW part of quad	244-F	Garberville 15'		Pliocene			
30489	Humboldt	Miranda	22846	4	SW part of quad	244-F	Garberville 15'		Pliocene			
30490	Humboldt	Garberville	22847	2A	SW of airport	244-F	Garberville 15'		?Cretaceous			
30491	Humboldt	Garberville	22847	2B	SW of airport	244-F	Garberville 15'	auger	?Cretaceous			
30492	Humboldt	Garberville	22847	3A	SW of airport	244-F	Garberville 15'		?Cretaceous			
30493	Humboldt	Garberville	22847	3B	SW of airport	244-F	Garberville 15'		?Cretaceous			
30494	Humboldt	Garberville	22847	4	SW of airport	244-F	Garberville 15'		Middle Miocene			
30495	Humboldt	Miranda	22848	1B	SW part of quad	244-F	Garberville 15'	auger	not diagnostic			
30496	Humboldt	Miranda	22848	2A	SW part of quad	244-F	Garberville 15'		Miocene/Pliocene			
30497	Humboldt	Miranda	22848	2B	SW part of quad	244-F	Garberville 15'		Miocene/Pliocene			
30498	Humboldt	Miranda	22848	3A	SW part of quad	244-F	Garberville 15'		Miocene/Pliocene			
30499	Humboldt	Miranda	22848	3B	SW part of quad	244-F	Garberville 15'		Miocene/Pliocene			
30500	Humboldt	Miranda	22848	4A	SW part of quad	244-F	Garberville 15'		Miocene/Pliocene			
30501	Humboldt	Miranda	22848	4B	SW part of quad	244-F	Garberville 15'		Miocene/Pliocene			
30502	Humboldt	Miranda	22849	1A	SW part of quad	244-F	Garberville 15'	auger	not diagnostic			
30503	Humboldt	Miranda	22849	1B	SW part of quad	244-F	Garberville 15'		not diagnostic			
30504	Humboldt	Miranda	22849	2A	SW part of quad	244-F	Garberville 15'		Upper Miocene			
30505	Humboldt	Miranda	22849	2B	SW part of quad	244-F	Garberville 15'		Upper Miocene			
30506	Humboldt	Miranda	22849	2C	SW part of quad	244-F	Garberville 15'		poss U Miocene			
30507	Humboldt	Miranda	22849	4	SW part of quad	244-F	Garberville 15'		not diagnostic			
30508	Humboldt	Briceland	22850	2A	NW of Briceland	244-F	Garberville 15'		Cret/Paleocene			
30509	Humboldt	Briceland	22850	2B	Eel River auger	244-F	Garberville 15'		Cret/Paleocene			
30510	Humboldt	Briceland	22850	2C	Eel River auger	244-F	Garberville 15'		Cret/Paleocene			
30511	Humboldt	Garberville	22851	1A	E of Benbow	244-F	Garberville 15'		Miocene/Pliocene			
30512	Humboldt	Garberville	22851	1B	Eel River auger	244-F	Garberville 15'		Miocene/Pliocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
30513	Humboldt	Garberville	22851	2A	Eel River auger	244-F	Garberville 15'		Miocene/Pliocene			
30514	Humboldt	Garberville	22852	1A	SW of Benbow	244-G	Garberville 15'		Mohanian			
30515	Humboldt	Garberville	22852	1AA	SW part of quad	244-G	Garberville 15'	auger	Mohanian			
30516	Humboldt	Garberville	22852	2A	SW part of quad	244-G	Garberville 15'	reworked	Cret and Miocene			
30517	Humboldt	Garberville	22852	2B	SW part of quad	244-G	Garberville 15'	reworked	Cret and Miocene			
30518	Humboldt	Garberville	22852	2C	SW part of quad	244-G	Garberville 15'	reworked	Cret and Miocene			
30519	Humboldt	Garberville	22852	2D	SW part of quad	244-G	Garberville 15'		Cret/Paleocene			
30520	Humboldt	Garberville	22852	3A	SW part of quad	244-G	Garberville 15'		not diagnostic			
30521	Humboldt	Garberville	22853	2D	W of Garberville	244-G	Garberville 15'	auger	not diagnostic			
30522	Humboldt	Garberville	22853	2E	W of Garberville	244-G	Garberville 15'		not diagnostic			
30523	Humboldt	Garberville	22853	2F	W of Garberville	244-G	Garberville 15'		poss Mio/Pliocene			
30524	Humboldt	Garberville	22853	2J	W of Garberville	244-G	Garberville 15'		not diagnostic			
30525	Humboldt	Garberville	22853	2K	W of Garberville	244-G	Garberville 15'		poss Mio/Pliocene			
30526	Humboldt	Weott	22854	1B	NE part of quad	244-G	Weott 15'	auger	Miocene/Pliocene			
30527	Humboldt	Weott	22854	2A	NE part of quad	244-G	Weott 15'		Miocene/Pliocene			
30528	Humboldt	Weott	22854	2B	NE part of quad	244-G	Weott 15'		Miocene/Pliocene			
30529	Humboldt	Weott	22854	3A	NE part of quad	244-G	Weott 15'		not diagnostic			
30530	Humboldt	Weott	22854	3B	NE part of quad	244-G	Weott 15'		not diagnostic			
30531	Humboldt	Weott	22854	4A	NE part of quad	244-G	Weott 15'		not diagnostic			
30532	Humboldt	Weott	22854	6	NE part of quad	244-G	Weott 15'		not diagnostic			
30533	Humboldt	Myers Flat	22854	7	NW part of quad	244-G	Weott 15'		Cret/Paleocene			
30534	Humboldt	Redcrest	22855	1A	SE part of quad	244-G	Weott 15'		not diagnostic			
30535	Humboldt	Redcrest	22856	1C	near Larabee	244-G	Weott 15'		not diagnostic			
30536	Humboldt	Redcrest	22858	1A	near Holmes	244-G	Weott 15'		not diagnostic			
30537	Humboldt	Redcrest	22858	1B	near Holmes	244-G	Weott 15'		not diagnostic			
30538	Humboldt	Weott	22859	1A	NE part of quad	244-G	Weott 15'		Miocene/Pliocene			
30539	Humboldt	Weott	22859	1B	NE part of quad	244-G	Weott 15'		Miocene/Pliocene			
30540	Humboldt	Weott	22859	1C	NE part of quad	244-G	Weott 15'		Miocene/Pliocene			
30541	Humboldt	Myers Flat	22859	3B	NW part of quad	244-G	Weott 15'		Cret/Paleocene			
30542	Humboldt	Myers Flat	22859	4A	NW part of quad	244-G	Weott 15'		Cret/Paleocene			
30543	Humboldt	Myers Flat	22859	4B	NW part of quad	244-G	Weott 15'		Cret/Paleocene			
30544	Humboldt	Myers Flat	22859	6B	NW part of quad	244-G	Weott 15'		poss Delmontian			
30545	Humboldt	Myers Flat	22859	7A	center of quad	244-G	Weott 15'		Cret/Paleocene			
30546	Humboldt	Myers Flat	22859	7B	center of quad	244-G	Weott 15'		Cret/Paleocene			
30547	Humboldt	Myers Flat	22859	8	center of quad	244-G	Weott 15'		Cret/Paleocene			
30548	Humboldt	Piercy	22860	1A	NE part of quad	244-H	Piercy 15'		Mohanian			
30549	Humboldt	Piercy	22860	1B	NE part of quad	244-H	Piercy 15'		prob U Miocene			
30550	Humboldt	Piercy	22860	1C	NE part of quad	244-H	Piercy 15'		prob U Miocene			
30551	Humboldt	Piercy	22860	2A	NE part of quad	244-H	Piercy 15'		not diagnostic			
30552	Humboldt	Piercy	22860	2B	NE part of quad	244-H	Piercy 15'		not diagnostic			
30553	Mendocino	Point Arena	22869	1	Arena Cove	162-B	Pt Arena 15'		not diagnostic			
30554	Mendocino	Point Arena	22869	2	Arena Cove	162-B	Pt Arena 15'		not diagnostic			
30555	Mendocino	Point Arena	22869	3	Arena Cove	162-B	Pt Arena 15'		not diagnostic			
30556	Humboldt	Ferndale	22873	1	NW of Bunker Hill	162-B	Ferndale 15'	slide says	Upper Pliocene			
30557	Trinity	Ferndale	22873	2	NW of Bunker Hill	162-B	Ferndale 15'	Guthrie Creek	Upper Pliocene			
30558	Trinity	Ferndale	22873	3	NW of Bunker Hill	162-B	Ferndale 15'	but wrong	Upper Pliocene			
30559	Humboldt	Capetown	22874		Bear River	162-B	Cp Mendocino 15'		Paleocene/Eocene			
30560	Humboldt	Capetown	22874	RW	Bear River	162-B	Cp Mendocino 15'		Paleocene/Eocene			
30561	Humboldt	Petrolia	22875	1	Domingo Creek	162-B	Cp Mendocino 15'		not diagnostic			
30562	Humboldt	Petrolia	22875	1A	Domingo Creek	162-B	Cp Mendocino 15'		not diagnostic			
30563	Humboldt	Petrolia	22875	2	Domingo Creek	162-B	Cp Mendocino 15'	good fauna	Pseudosaucesian			
30564	Humboldt	Petrolia	22875	3	Domingo Creek	162-B	Cp Mendocino 15'	good fauna	Pseudosaucesian			
30565	Humboldt	Petrolia	22875	4	Domingo Creek	162-B	Cp Mendocino 15'	good fauna	Lower Pliocene			
30566	Humboldt	Petrolia	22875	5	Domingo Creek	162-B	Cp Mendocino 15'	good fauna	Lower Pliocene			
30567	Humboldt	Petrolia	22875	6	Domingo Creek	162-B	Cp Mendocino 15'	good fauna	Lower Pliocene			
30568	Humboldt	Petrolia	22875	7	Domingo Creek	162-B	Cp Mendocino 15'	good fauna	Lower Pliocene			
30569	Humboldt	Petrolia	22875	8	Domingo Creek	162-B	Cp Mendocino 15'		Lower Pliocene			
30570	Humboldt	Shubrick Peak	22876		Mattole River	162-B	Point Delgata 15'		contaminated?			
30571	Humboldt	Shubrick Peak	22876	RW	Mattole River	162-B	Point Delgata 15'		Cretaceous			
30572	Fresno	Ciervo Mountain	22896		NW part of quad	251-A	New Idria 15'		no paleo info			
30573	Fresno	Ciervo Mountain	22897		NW part of quad	251-A	New Idria 15'		no paleo info			
30574	Contra Costa	Antioch South	22908	1	Marsh Creek	247-G	Mt Diablo 15'	age from map	Upper Cretaceous			
30575	Contra Costa	Antioch South	22908	2	Deer Creek Road	247-G	Mt Diablo 15'	age from map	Upper Cretaceous			
30576	Contra Costa	Antioch South	22909		Deer Creek Road	247-G	Mt Diablo 15'		no paleo info			
30577	Contra Costa	Antioch South	22910		Deer Creek Road	247-G	Mt Diablo 15'		no paleo info			
30578	Contra Costa	Antioch South	22911		Briones Valley	247-G	Mt Diablo 15'		no paleo info			
30579	Contra Costa	Clayton	22912	1	Nortonville	247-G	Mt Diablo 15'	area E-2	no paleo info			
30580	Contra Costa	Clayton	22912	2	Nortonville	247-G	Mt Diablo 15'		no paleo info			
30581	Contra Costa	Clayton	22912	3	Nortonville	247-G	Mt Diablo 15'		no paleo info			
30582	Contra Costa	Clayton	22912	4	Nortonville	247-G	Mt Diablo 15'		no paleo info			
30583	Contra Costa	Clayton	22912	5	Nortonville	247-G	Mt Diablo 15'		no paleo info			
30584	Contra Costa	Clayton	22912	6	Nortonville	247-G	Mt Diablo 15'		no paleo info			
30585	Contra Costa	Antioch South	22913		E of Stewartville	247-G	Mt Diablo 15'		no paleo info			
30586	Contra Costa	Antioch South	22914	2	Oil Creek	247-G	Mt Diablo 15'		no paleo info			
30587	Contra Costa	Antioch South	22914	3	Oil Creek	247-G	Mt Diablo 15'		no paleo info			
30588	Contra Costa	Antioch South	22914	4	Oil Creek	247-G	Mt Diablo 15'		no paleo info			
30589	Contra Costa	Antioch South	22914	5	Oil Creek	247-G	Mt Diablo 15'		no paleo info			
30590	Contra Costa	Antioch South	22914	6	Oil Creek	247-G	Mt Diablo 15'		no paleo info			
30591	Contra Costa	Antioch South	22914	7	Oil Creek	247-H	Mt Diablo 15'		no paleo info			
30592	Contra Costa	Antioch South	22914	8	Oil Creek	247-H	Mt Diablo 15'		no paleo info			
30593	Contra Costa	Antioch South	22915	2	Oil Creek	247-H	Mt Diablo 15'		no paleo info			
30594	Contra Costa	Antioch South	22916		Oil Creek	247-H	Mt Diablo 15'		no paleo info			
30595	Contra Costa	Antioch South	22917		Oil Creek	247-H	Mt Diablo 15'		no paleo info			
30596	Contra Costa	Antioch South	22918		Oil Creek	247-H	Mt Diablo 15'		no paleo info			
30597	Contra Costa	Antioch South	22919		Oil Creek	247-G	Mt Diablo 15'		no paleo info			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
30598	Contra Costa	Antioch South	22920		Deer Valley	247-G	Mt Diablo 15'		no paleo info			
30599	Contra Costa	Antioch South	22921	1	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
30600	Contra Costa	Antioch South	22921	2	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
30601	Contra Costa	Antioch South	22921	3	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
30602	Contra Costa	Antioch South	22921	4	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
30603	Contra Costa	Antioch South	22921	5	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
30604	Contra Costa	Antioch South	22921	6	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
30605	Contra Costa	Antioch South	22921	7	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
30606	Contra Costa	Antioch South	22921	8	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
30607	Contra Costa	Antioch South	22923	1	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
30608	Contra Costa	Antioch South	22923	2	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
30609	Contra Costa	Antioch South	22923	3	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
30610	Contra Costa	Antioch South	22923	4	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
30611	Contra Costa	Antioch South	22924	1	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
30612	Contra Costa	Antioch South	22924	2	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
30613	Contra Costa	Antioch South	22924	3	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
30614	Contra Costa	Antioch South	22926		Stewartsville	247-G	Mt Diablo 15'		no paleo info			
30615	Contra Costa	Oakland East	22929		San Pablo Res.	202-B	good fauna	pseudo G-1	U Cret E/F zones	Lyon		
30616	Contra Costa	Mare Island	22931		Pinole	202-B			poss Luisian	Lyon		
30617	Contra Costa	Richmond	22934		NE corner of quad	202-B			Middle Miocene	Lyon		
30618	Contra Costa	Briones Valley	22935		Pinole area	202-B			Paleocene D zone	Lyon		
30619	Contra Costa	Briones Valley	22941		E of Bear Creek	202-B			Lower Tertiary	Lyon		
30620	Contra Costa	Antioch South	22953		Deer Valley	202-B			Cret/Paleocene	Lyon		
30621	Contra Costa	Richmond	22955		San Pablo Res.	202-B			Upper Miocene	Lyon		
30622	Contra Costa	Briones Valley	22956		Miners Ranch	202-B			Miocene	Lyon		
30623	Napa	Napa	22958	A	Carneros Valley	202-B	area E-3, E-5		L? Cretaceous	Lyon		
30624	Napa	Napa	22958	B	Carneros Valley	202-B	Sonoma 15'		L? Cretaceous	Lyon		
30625	Napa	Sonoma	22965		SE part of quad	202-B			prob U Miocene	Lyon		
30626	Napa	Sonoma	22966		SE part of quad	202-B			prob U Miocene	Lyon		
30627	Napa	Napa	22968		SE part of quad	202-B	Sonoma 15'		prob U Miocene	Lyon		
30628	Napa	Sonoma	22969		SE part of quad	202-B			prob U Miocene	Lyon		
30629	Napa	Rutherford	22974		Dry Creek	202-B			L? Cretaceous	Lyon		
30630	Sonoma	Glen Ellen	22980		NW corner quad	202-B	Santa Rosa 15'		no paleo info	Lyon		
30631	Sonoma	Kenwood	22981		SW corner of quad	202-B	Santa Rosa 15'		no paleo info	Lyon		
30632	Sonoma	Santa Rosa	22982		SE corner quad	202-B	Santa Rosa 15'		no paleo info	Lyon		
30633	Contra Costa	Richmond	22995	A	not on map	191-K			all ostracods	Neudeck		
30634	Contra Costa	Richmond	22995	B	not on map	191-K			all ostracods	Neudeck		
30635	Contra Costa	Richmond	22997		San Pablo Dam Rd	191-K			no paleo info	Neudeck		
30636	Contra Costa	Richmond	23000		N of Vine Hill	247-J	Colburn 40	area E-2	U Cret D-2 zone	Colburn		
30637	Contra Costa	Vine Hill	23001		N of Vine Hill	247-J	Colburn 39		U Cret D-2 zone	Colburn		
30638	Contra Costa	Vine Hill	23002		N of Vine Hill	247-J	Colburn 38		U Cret D-2 zone	Colburn		
30639	Contra Costa	Vine Hill	23003		N of Vine Hill	247-J	Colburn 37		U Cret D-2 zone	Colburn		
30640	Contra Costa	Vine Hill	23004		not on map	247-J	Colburn 35		not diagnostic	Colburn		
30641	Contra Costa	Vine Hill	23005		N of Vine Hill	247-J	Colburn 104	Martinez	not diagnostic	Colburn		
30642	Contra Costa	Vine Hill	23006		E of Vine Hill	247-J	Colburn 34	Chico	barren	Colburn		
30643	Contra Costa	Vine Hill	23008		E of Vine Hill	247-J	Colburn 99	Martinez	not diagnostic	Colburn		
30644	Contra Costa	Vine Hill	23012		SE of Vine Hill	247-J	Colburn 45	Las Juntas	not diagnostic	Colburn		
30645	Contra Costa	Walnut Creek	23013		NW of Pacheco	247-J	Colburn 13	Markley	Eoc/Paleoc C/D	Colburn		
30646	Contra Costa	Walnut Creek	23014		NW of Pacheco	247-J	Colburn 14	Las Juntas	Eoc/Paleoc C/D	Colburn		
30647	Contra Costa	Walnut Creek	23015		NW of Pacheco	247-J	Colburn 15	Las Juntas	Eoc/Paleoc C/D	Colburn		
30648	Contra Costa	Walnut Creek	23017		NW of Pacheco	247-J	Colburn 16	Las Juntas	no paleo info	Colburn		
30649	Contra Costa	Walnut Creek	23018		NW of Pacheco	247-J	Colburn 17	Las Juntas	Paleocene D zone	Colburn		
30650	Contra Costa	Walnut Creek	23019		NW of Pacheco	247-J	Colburn 18	Las Juntas	Paleocene D zone	Colburn		
30651	Contra Costa	Walnut Creek	23020		NW of Pacheco	247-J	Colburn 19	Las Juntas	Paleocene D zone	Colburn		
30652	Contra Costa	Walnut Creek	23021		NW of Pacheco	247-J	Colburn 28	Escobar/Alhm	barren	Colburn		
30653	Contra Costa	Walnut Creek	23022		NW of Pacheco	247-J	Colburn 29	Escobar/Alhm	barren	Colburn		
30654	Contra Costa	Walnut Creek	23023		NW of Pacheco	247-J	Colburn 26	Escobar/Alhm	barren	Colburn		
30655	Contra Costa	Walnut Creek	23024		NW of Pacheco	247-J	Colburn 25	Escobar/Alhm	barren	Colburn		
30656	Contra Costa	Walnut Creek	23025		NW of Pacheco	247-J	Colburn 24	Escobar/Alhm	Narizian	Colburn		
30657	Contra Costa	Walnut Creek	23026		NW of Pacheco	247-J	Colburn 23	Escobar/Alhm	Eocene A-2 zone	Colburn		
30658	Contra Costa	Walnut Creek	23028		WC part of quad	247-J	Colburn 98		not diagnostic	Colburn		
30659	Contra Costa	Walnut Creek	23029		WC part of quad	247-J	Colburn 96	Escobar/Alhm	not diagnostic	Colburn		
30660	Contra Costa	Walnut Creek	23030		WC part of quad	247-J	Colburn 86		Eocene B zones	Colburn		
30661	Contra Costa	Walnut Creek	23031		NW of Pacheco	247-J	Colburn 87	rads abun	Upper Eocene	Colburn		
30662	Contra Costa	Walnut Creek	23032		NW of Pacheco	247-J	Colburn 85		Paleocene D/E	Colburn		
30663	Contra Costa	Walnut Creek	23033		NW corner of quad	247-J	Colburn 84	Escobar/Alhm	not diagnostic	Colburn		
30664	Contra Costa	Walnut Creek	23034		SW of Pacheco	247-J	Colburn 52	Las Juntas	Eocene C zone	Colburn		
30665	Contra Costa	Walnut Creek	23035		NW corner of quad	247-J	Colburn 82		not diagnostic	Colburn		
30666	Contra Costa	Walnut Creek	23037		W of Pleasant Hill	247-J	Colburn 93	Vine Hill	Paleocene D/E	Colburn		
30667	Contra Costa	Walnut Creek	23038		W of Pleasant Hill	247-J	Colburn 92	Martinez	Paleocene D/E	Colburn		
30668	Contra Costa	Walnut Creek	23039		W of Pleasant Hill	247-J	Colburn 91	Martinez	Paleocene D/E	Colburn		
30669	Contra Costa	Walnut Creek	23040		W of Pleasant Hill	247-J	Colburn 90	Las Juntas	Paleocene D/E	Colburn		
30670	Contra Costa	Walnut Creek	23041		W of Pleasant Hill	247-J	Colburn 88	Las Juntas	Paleocene D/E	Colburn		
30671	Contra Costa	Walnut Creek	23042		W of Pleasant Hill	247-J	Colburn 89	Escobar/Alhm	not diagnostic	Colburn		
30672	Contra Costa	Walnut Creek	23043		W of Pleasant Hill	247-J	Colburn 94	Escobar/Alhm	Paleocene D/E	Colburn		
30673	Contra Costa	Walnut Creek	23044		W of Pleasant Hill	247-J	Colburn 95	Escobar	Paleocene D/E	Colburn		
30674	Contra Costa	Walnut Creek	23045		NW corner of quad	247-J	Colburn 83	rads abun	Upper Eocene	Colburn		
30675	Contra Costa	Walnut Creek	23046		NW corner of quad	247-J	Colburn 101	Las Juntas	Paleocene	Colburn		
30676	Contra Costa	Walnut Creek	23047		not on map	247-J	Colburn 102	Las Juntas	Paleocene	Colburn		
30677	Contra Costa	Walnut Creek	23048		not on map	247-J	Colburn 51	Las Juntas	Eocene C zone	Colburn		
30678	Contra Costa	Walnut Creek	23049		not on map	247-J	Colburn 71	Las Juntas	Eocene C zone	Colburn		
30679	Contra Costa	Walnut Creek	23050		not on map	247-J	Colburn 72	Las Juntas	not diagnostic	Colburn		
30680	Contra Costa	Walnut Creek	23051		not on map	247-J	Colburn 73	Las Juntas	not diagnostic	Colburn		
30681	Contra Costa	Walnut Creek	23052		not on map	247-J	Colburn 74	Escobar	not diagnostic	Colburn		
30682	Contra Costa	Walnut Creek	23053		not on map	247-J	Colburn 75	Escobar	not diagnostic	Colburn		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
30683	Contra Costa	Walnut Creek	23054		not on map	247-J	Colburn 76	Escobar	not diagnostic	Colburn		
30684	Contra Costa	Walnut Creek	23055		NW corner of quad	247-J	Colburn 77	Alhambra	U Eocene A-1 zone	Colburn		
30685	Contra Costa	Walnut Creek	23056		NW corner of quad	247-J	Colburn 78	rads abun	Upper Eocene	Colburn		
30686	Contra Costa	Walnut Creek	23057		NW corner of quad	247-J	Colburn 79	Alhambra	Narizian	Colburn		
30687	Contra Costa	Walnut Creek	23058		NW corner of quad	247-J	Colburn 81	San Ramon	not diagnostic	Colburn		
30688	Contra Costa	Walnut Creek	23059		NW corner of quad	247-J	Colburn 80	Markley	U Eocene A-1 zone	Colburn		
30689	Napa	Cordelia	23060		SW part of quad	247-J	Colburn 9	Markley	not diagnostic	Colburn		
30690	Napa	Cordelia	23062		NW corner of quad	247-J	Colburn 11	Markley	not diagnostic	Colburn		
30691	Contra Costa	Vine Hill	23063		not on map	247-J	Colburn 29	Las Juntas	Eocene C zone	Colburn		
30692	Contra Costa	Vine Hill	23064		not on map	247-J	Colburn 31	Vine Hill	not diagnostic	Colburn		
30693	Contra Costa	Vine Hill	23065		NW of Vine Hill	247-J	Colburn 107	Martinez	Paleocene E zone	Colburn		
30694	Contra Costa	Vine Hill	23066		Suisun Point	247-J	Colburn 41		not diagnostic	Colburn		
30695	Contra Costa	Vine Hill	23067		not on map	247-J	Colburn 58		not diagnostic	Colburn		
30696	Contra Costa	Vine Hill	23068		not on map	247-J	Colburn 59	Capay	not diagnostic	Colburn		
30697	Solano	Denverton	23069		not on map	247-J	Colburn 63	Nortonville	not diagnostic	Colburn		
30698	Solano	Denverton	23070		not on map	247-J	Colburn 62	Domengine	not diagnostic	Colburn		
30699	Solano	Denverton	23071		not on map	247-J	Colburn 64		no paleo info	Colburn		
30700	Solano	Denverton	23072		not on map	247-J	Colburn 61	Capay	Paleocene E zone	Colburn		
30701	Solano	Elmira	23074		not on map	247-J	Colburn 125	Chico	not diagnostic	Colburn		
30702	Solano	Elmira	23075		not on map	247-J	Colburn 121	Chico	not diagnostic	Colburn		
30703	Solano	Elmira	23076		not on map	247-J	Colburn 119	Chico	not diagnostic	Colburn		
30704	Solano	Elmira	23077		not on map	247-J	Colburn 117	Chico	not diagnostic	Colburn		
30705	Solano	Elmira	23078		not on map	247-J	radiolaria-rich	rads abun	poss U Cret E zone	Colburn		
30706	Solano	Elmira	23079		not on map	247-J	Colburn 116	Chico	poss U Cret E zone	Colburn		
30707	Solano	Elmira	23080		not on map	247-J		Chico	not diagnostic	Colburn		
30708	Solano	Elmira	23081		not on map	247-J	Colburn 115B	Chico	not diagnostic	Colburn		
30709	Solano	Elmira	23082		not on map	247-J	Colburn 115A	Chico	?Cretaceous	Colburn		
30710	Solano	Vine Hill	23083		NW part of quad	247-J	Colburn 113	Chico	not diagnostic	Colburn		
30711	Contra Costa	Richmond	23091		El Sobrante	191-K		rads abun	no paleo info			
30712	Contra Costa	Mare Island	23092		NE part quad	191-K			no paleo info			
30713	Contra Costa	Oakland East	23108		Pinehurst Road	26-L		pseudo G-1	U Cret D/E zone	Lyon & N		
30714	Alameda	Oakland East	23109		Pinehurst Road	26-L		area E-2	Upper Cretaceous	Lyon & N		
30715	Alameda	Oakland East	23110		Pinehurst Road	26-L			Upper Cretaceous	Lyon & N		
30716	Alameda	Oakland East	23111		Pinehurst Road	26-L		pseudo G-1	U Cret D/E zone	Lyon & N		
30717	Alameda	Oakland East	23112		Pinehurst Road	26-L		pseudo G-1	U Cret D/E zone	Lyon & N		
30718	Alameda	Oakland East	23113		Redwood Canyon	26-L			not diagnostic	Lyon & N		
30719	Alameda	Oakland East	23114		Redwood Canyon	26-L			not diagnostic	Lyon & N		
30720	Alameda	Oakland East	23115		Redwood Canyon	26-L			not diagnostic	Lyon & N		
30721	Alameda	Oakland East	23117		Redwood Canyon	26-L			U Cret D/E zone	Lyon & N		
30722	Contra Costa	Briones Valley	23118		Pinole Valley Rd	26-L		diatom-rich	not diagnostic	Lyon & N		
30723	Contra Costa	Richmond	23121		NE part quad	26-L			Middle Miocene	Lyon & N		
30724	Contra Costa	Briones Valley	23122		San Pablo Reserv	26-L			not diagnostic	Lyon & N		
30725	San Luis Obispo	Cypress Mountain	23131		NE corner quad	252-A		age from map	Middle Miocene	Strahan		
30726	San Luis Obispo	Lime Mountain	23133		SE of Cmp Natoms	252-A		age from map	? Middle Miocene	Strahan		
30727	San Luis Obispo	Lime Mountain	23136		SE of Cmp Natoms	252-A		age from map	probably Relizian	Neudeck		
30728	San Luis Obispo	Lime Mountain	23138		SE of Cmp Natoms	252-A		age from map	Middle Miocene	Neudeck		
30729	San Luis Obispo	Lime Mountain	23139		SE of Cmp Natoms	252-A		age from map	Middle Miocene	Neudeck		
30730	San Luis Obispo	Lime Mountain	23140		SE of Cmp Natoms	252-A		age from map	Luisian	Neudeck		
30731	San Luis Obispo	Lime Mountain	23142		SE of Cmp Natoms	252-A		age from map	Middle Miocene	Neudeck		
30732	San Luis Obispo	Lime Mountain	23144		SE of Cmp Natoms	252-A		age from map	Relizian	Neudeck		
30733	Monterey	Espinosa Canyon	23161	A	Seven Well Canyo	252-A			no paleo info	Miller		
30734	Monterey	Espinosa Canyon	23161	B	Seven Well Canyo	252-A			no paleo info	Miller		
30735	Monterey	Espinosa Canyon	23161	C	Seven Well Canyo	252-A			no paleo info	Miller		
30736	Monterey	Espinosa Canyon	23161	D	Seven Well Canyo	252-A			no paleo info	Miller		
30737	Monterey	Espinosa Canyon	23162	D	W of Seven Well C	252-A			no paleo info	Miller		
30738	Monterey	Williams Hill	23163	A	NE part quad	252-A		age from map	Upper Miocene	Miller		
30739	Monterey	Williams Hill	23163	C	NE part quad	252-A		age from map	Upper Miocene	Miller		
30740	Monterey	Williams Hill	23163	D	NE part quad	252-A			Upper Miocene	Miller		
30741	Monterey	Williams Hill	23163	F	NE part quad	252-A		age from map	barren	Miller		
30742	Monterey	Hames Valley	23163	K	NW part quad	252-A		age from map	Upper Miocene	Miller		
30743	Monterey	Hames Valley	23163	L	NW part quad	252-A		age from map	barren	Miller		
30744	Monterey	Espinosa Canyon	23164	A	Espinosa Canyon	252-A		age from map	barren	Gregory		
30745	Monterey	Espinosa Canyon	23164	C	Espinosa Canyon	252-A		age from map	Upper Miocene	Gregory		
30746	Monterey	Espinosa Canyon	23164	G	Lockwood Grade	252-A		age from map	not diagnostic	Gregory		
30747	Monterey	Espinosa Canyon	23164	H	San Lucas Canyon	252-A		age from map	Upper Miocene	Gregory		
30748	Monterey	Williams Hill	23164	L	San Lucas Canyon	252-A		age from map	Upper Miocene	Gregory		
30749	Monterey	Cosio Knob	23165	B	Oak Hills	252-A			no paleo info	Gregory		
30750	Monterey	Bear Canyon	23166	A	Mission Creek	252-A	Junip. Serra 15'		no paleo info	Gregory		
30751	Monterey	Bear Canyon	23166	B	Mission Creek	252-A	Junip. Serra 15'		no paleo info	Gregory		
30752	Monterey	Bear Canyon	23168		Mission Creek	252-A	Junip. Serra 15'		no paleo info	Gregory		
30753	Monterey	Bear Canyon	23171		San Antonio River	252-A	Junip. Serra 15'		no paleo info	Gregory		
30754	Monterey	Bear Canyon	23175		San Antonio River	252-A	Junip. Serra 15'		no paleo info	Gregory		
30755	Monterey	Alder Peak	23177	A	NE corner quad	252-A	C San Martin 15'	area F-1	Relizian	Gregory		
30756	Monterey	Alder Peak	23177	B	NE corner quad	252-A	C San Martin 15'		Relizian	Gregory		
30757	Monterey	Jolon	23177	C	NW corner quad	252-A	Bryson 15'		Relizian	Gregory		
30758	Monterey	Jolon	23177	D	NW corner quad	252-A	Bryson 15'		Relizian	Gregory		
30759	Monterey	Jolon	23177	E	NW corner quad	252-A	Bryson 15'		Lower Mohnian	Gregory		
30760	Monterey	Jolon	23178	A	NW corner quad	252-A	Bryson 15'		Mohnian	Gregory		
30761	Monterey	Jolon	23178	B	NW corner quad	252-A	Bryson 15'		Lower Mohnian	Gregory		
30762	Monterey	Jolon	23178	C	NW corner quad	252-A	Bryson 15'		Lower Mohnian	Gregory		
30763	Monterey	Jolon	23179		NW corner quad	252-A	Bryson 15'		Lower Mohnian	Gregory		
30764	Contra Costa	Mare Island	23190		SW of Pinole	202-B	Carquinez 15'		no paleo info	Godsey		
30765	Contra Costa	Mare Island	23191		SW of Pinole	202-B	has planktics	good fauna	no paleo info	Godsey		
30766	Contra Costa	Richmond	23199		San Pablo Dam	202-B			no paleo info	Godsey		
30767	Monterey	Tierra Redonda Mtn	23203	A	SE corner of quad	252-A		age from map	? Lower Miocene	Gregory		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
30768	Monterey	Tierra Redonda Mtn	23203	B	SE corner of quad	252-A		age from map	? Lower Miocene	Gregory		
30769	Monterey	Tierra Redonda Mtn	23204	A	SE corner of quad	252-A			no paleo info	Gregory		
30770	Monterey	Tierra Redonda Mtn	23204	B	SE corner of quad	252-A			no paleo info	Gregory		
30771	Monterey	Bryson	23205	A	SE corner of quad	252-A		age from map	U Cret D zone	Gregory		
30772	San Luis Obispo	Adelaida	23207		W of Chimney Roc	252-A			no paleo info	Gregory		
30773	San Luis Obispo	Adelaida	23208		Godfrey Road	252-A			no paleo info	Gregory		
30774	Monterey	Tierra Redonda Mtn	23209	A	S of Pleyto	252-A	area F-1		Relizian	Gregory		
30775	Monterey	Tierra Redonda Mtn	23209	B	S of Pleyto	252-A			Relizian	Gregory		
30776	Monterey	Tierra Redonda Mtn	23209	C	S of Pleyto	252-A			Lower Relizian	Gregory		
30777	Monterey	Tierra Redonda Mtn	23209	D	S of Pleyto	252-B			Lower Relizian	Gregory		
30778	Monterey	Tierra Redonda Mtn	23210	B	S of Pleyto	252-B			Relizian	Gregory		
30779	Monterey	Tierra Redonda Mtn	23210	C	S of Pleyto	252-B			not diagnostic	Gregory		
30780	Monterey	Tierra Redonda Mtn	23210	D	S of Pleyto	252-B		abun planktics	Lower Relizian	Gregory		
30781	Monterey	Tierra Redonda Mtn	23210	E	S of Pleyto	252-B			Lower Relizian	Gregory		
30782	Monterey	Tierra Redonda Mtn	23210	F	S of Pleyto	252-B			Lower Relizian	Gregory		
30783	Monterey	Tierra Redonda Mtn	23210	G	S of Pleyto	252-B		abun planktics	Relizian	Gregory		
30784	Monterey	Bradley	23211	A	opposite Sulphur C	252-B			?Upper Miocene	Gregory		
30785	Monterey	Tierra Redonda Mtn	23211	B	SE of Pleyto	252-B			not diagnostic	Gregory		
30786	Monterey	Tierra Redonda Mtn	23211	C	SE of Pleyto	252-B			Lower Relizian	Gregory		
30787	Monterey	Tierra Redonda Mtn	23211	G	E of Pleyto	252-B			? Upper Miocene	Gregory		
30788	Monterey	Tierra Redonda Mtn	23211	H	E of Pleyto	252-B			not diagnostic	Gregory		
30789	San Luis Obispo	Bryson	23212	A	Nacimiento River	252-B		age from slide	Cret/Paleocene	Gregory		
30790	San Luis Obispo	Bryson	23212	B	Nacimiento River	252-B			Cret/Paleocene	Gregory		
30791	San Luis Obispo	Bryson	23212	D	Nacimiento River	252-B			Cret/Paleocene	Gregory		
30792	San Luis Obispo	Bryson	23212	E	Nacimiento River	252-B			Cret/Paleocene	Gregory		
30793	Monterey	Bryson	23212	G	S of Pleyto School	252-B			Cret/Paleocene	Gregory		
30794	Monterey	Bryson	23212	H	S of Pleyto School	252-B			Cret/Paleocene	Gregory		
30795	Monterey	Bryson	23212	I	E of Pleyto School	252-B			Cret/Paleocene	Gregory		
30796	Monterey	Bryson	23212	J	E of Pleyto School	252-B			Cret/Paleocene	Gregory		
30797	Monterey	Bryson	23212	N	NE of Pleyto Schl	252-B			not diagnostic	Gregory		
30798	Monterey	Bryson	23212	O	NE of Pleyto Schl	252-B			not diagnostic	Gregory		
30799	Monterey	Bryson	23213	B	Hesperia Schl area	252-B			barren	Gregory		
30800	Monterey	Bryson	23213	C	Hesperia Schl area	252-B			barren	Gregory		
30801	Monterey	Bryson	23213	H	Pleyto Road area	252-B			Saucesian	Gregory		
30802	Monterey	Bryson	23213	I	Pleyto Road area	252-B		planktics com	not diagnostic	Gregory		
30803	Monterey	Bryson	23213	J	Pleyto Road area	252-B			Relizian	Gregory		
30804	Monterey	Bryson	23213	K	Pleyto Road area	252-B			L Relizian	Gregory		
30805	Monterey	Bryson	23213	K	Pleyto Road area	252-B			Relizian/Saucesian	Gregory		
30806	Monterey	Bryson	23213	L	Pleyto Road area	252-B			Saucesian	Gregory		
30807	Monterey	Bryson	23214	B	Pleyto Road area	252-B			not diagnostic	Gregory		
30808	Monterey	Bryson	23214	C	Pleyto Road area	252-B			not diagnostic	Gregory		
30809	Monterey	Bryson	23214	D	Pleyto Road area	252-B			Sauc/Relizian	Gregory		
30810	San Luis Obispo	Tierra Redonda Mtn	23215	A	NE of Bee Rock	252-B			barren	Gregory		
30811	San Luis Obispo	Tierra Redonda Mtn	23215	C	NE of Bee Rock	252-B		planktics com	not diagnostic	Gregory		
30812	Monterey	Tierra Redonda Mtn	23216		center of quad	252-B			not diagnostic	Gregory		
30813	Monterey	Tierra Redonda Mtn	23217	A	NC part of quad	252-B	age from K chart	planktics com	Luisian	Gregory		
30814	Monterey	Tierra Redonda Mtn	23217	B	NC part of quad	252-B		abun planktics	Middle Miocene	Gregory		
30815	Monterey	Tierra Redonda Mtn	23217	C	NC part of quad	252-B		planktics com	Luisian	Gregory		
30816	Monterey	Tierra Redonda Mtn	23217	D	NC part of quad	252-B		planktics com	Luisian	Gregory		
30817	Monterey	Tierra Redonda Mtn	23217	E	NC part of quad	252-B		abun planktics	Luisian	Gregory		
30818	Monterey	Espinosa Canyon	23222		center of quad	252-B			not diagnostic	Gregory		
30819	Monterey	Thompson Canyon	23223	C	Pine Canyon	252-B		abun planktics	Saucesian	Gregory		
30820	Monterey	Thompson Canyon	23223	D	Pine Canyon	252-B			? Lower Mohnian	Gregory		
30821	Monterey	Reliz Canyon	23225	E	Reliz Creek	252-C	Junipero Serra 15'		not diagnostic	Gregory		
30822	Monterey	Reliz Canyon	23225	F	Reliz Creek	252-C	Junipero Serra 15'		not diagnostic	Gregory		
30823	Monterey	Reliz Canyon	23225	G	Reliz Creek	252-C	Junipero Serra 15'		Middle Miocene	Gregory		
30824	Monterey	Reliz Canyon	23225	H	Reliz Creek	252-C	Junipero Serra 15'		Lower Miocene	Gregory		
30825	Monterey	Reliz Canyon	23225	K	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
30826	Monterey	Reliz Canyon	23225	L	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
30827	Monterey	Reliz Canyon	23225	M	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
30828	Monterey	Reliz Canyon	23225	N	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
30829	Monterey	Reliz Canyon	23225	O	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
30830	Monterey	Reliz Canyon	23225	P	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
30831	Monterey	Reliz Canyon	23225	Q	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
30832	Monterey	Reliz Canyon	23225	R	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
30833	Monterey	Reliz Canyon	23225	S	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
30834	Monterey	Reliz Canyon	23225	T	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
30835	Monterey	Reliz Canyon	23225	U	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
30836	Monterey	Reliz Canyon	23225	Y	Reliz Creek	252-C	Junipero Serra 15'		Paleocene/Eocene	Gregory		
30837	Monterey	Reliz Canyon	23225	Z	Reliz Creek	252-C	Junipero Serra 15'		U Cret D zone	Gregory		
30838	Monterey	Thompson Canyon	23227	A	Thompson Canyon	252-C			not diagnostic	Gregory		
30839	Monterey	Thompson Canyon	23227	B	Thompson Canyon	252-C			not diagnostic	Gregory		
30840	Monterey	Thompson Canyon	23227	C	Thompson Canyon	252-C			Upper Mohnian	Gregory		
30841	Monterey	Thompson Canyon	23227	F	Thompson Canyon	252-C			not diagnostic	Gregory		
30842	Monterey	Thompson Canyon	23227	G	Thompson Canyon	252-C			Luisian	Gregory		
30843	Monterey	Thompson Canyon	23227	H	Thompson Canyon	252-C			Luisian	Gregory		
30844	Monterey	Thompson Canyon	23227	I	Thompson Canyon	252-C			Middle Miocene	Gregory		
30845	Monterey	Thompson Canyon	23227	J	Thompson Canyon	252-C			Saucesian	Gregory		
30846	Monterey	Thompson Canyon	23227	L	Thompson Canyon	252-C			not diagnostic	Gregory		
30847	Monterey	Jolon	23228	A	Sam Jones Canyon	252-C	Bryson 15'	age from map	npt diagnostic	Gregory		
30848	Monterey	Jolon	23228	B	Sam Jones Canyon	252-C	Bryson 15'	age from map	not diagnostic	Gregory		
30849	Monterey	Jolon	23228	E	Sam Jones Canyon	252-C	Bryson 15'	age from map	Lower Mohnian	Gregory		
30850	Monterey	Jolon	23228	F	Sam Jones Canyon	252-C	Bryson 15'	age from map	Lower Mohnian	Gregory		
30851	Monterey	Jolon	23228	G	Sam Jones Canyon	252-C	Bryson 15'	age from map	Lower Mohnian	Gregory		
30852	Monterey	Jolon	23228	H	Sam Jones Canyon	252-C	Bryson 15'	age from map	Upper Mohnian	Gregory		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
30853	Monterey	Jolon	23228	I	Sam Jones Canyon	252-C	Bryson 15'	age from map	Luisian	Gregory		
30854	Monterey	Jolon	23228	J	Sam Jones Canyon	252-C	Bryson 15'	age from map	Relizian	Gregory		
30855	Monterey	Jolon	23228	K	Sam Jones Canyon	252-C	Bryson 15'	age from map	Relizian	Gregory		
30856	Monterey	Jolon	23228	L	Sam Jones Canyon	252-C	Bryson 15'	age from map	Lower Relizian	Gregory		
30857	Monterey	Jolon	23228	M	Sam Jones Canyon	252-C	Bryson 15'	age from map	Relizian	Gregory		
30858	Monterey	Jolon	23228	N	Sam Jones Canyon	252-C	Bryson 15'	age from map	barren	Gregory		
30859	Monterey	Jolon	23228	O	Sam Jones Canyon	252-C	Bryson 15'	age from map	Lower Relizian	Gregory		
30860	Monterey	Jolon	23228	P	Sam Jones Canyon	252-C	Bryson 15'	age from map	Relizian	Gregory		
30861	Monterey	Jolon	23228	Q	Sam Jones Canyon	252-C	Bryson 15'	age from map	Relizian	Gregory		
30862	Monterey	Jolon	23228	Q	Sam Jones Canyon	252-C	Bryson 15'	age from map	Relizian	Gregory		
30863	Monterey	Jolon	23228	M	Sam Jones Canyon	252-C	Bryson 15'	age from map	Relizian	Gregory		
30864	Monterey	Jolon	23229	A	NW of Sam Jones	252-C	Bryson 15'	age from map	? Luisian	Gregory		
30865	Monterey	Jolon	23229	B	NW of Sam Jones	252-C	abundant planktics	age from map	Relizian	Gregory		
30866	Monterey	Williams Hill	23230	A	Jackson Hill	252-C		age from map	no paleo info	Gregory		
30867	Monterey	Jolon	23232	A	SE corner of quad	252-C	Bryson 15'	age from map	Middle Miocene	Gregory		
30868	Monterey	Jolon	23232	B	SE corner of quad	252-C	Bryson 15'	age from map	Relizian	Gregory		
30869	Monterey	Jolon	23232	C	SE corner of quad	252-C	Bryson 15'	age from map	Relizian	Gregory		
30870	Monterey	Cone Peak	23233	A	NE part of quad	252-C	Junipero Serra 15'		Middle Miocene	Gregory		
30871	Monterey	Cone Peak	23233	B	NE part of quad	252-C	Junipero Serra 15'	abun planktics	Luisian	Gregory		
30872	Monterey	Cone Peak	23233	C	NE part of quad	252-C	Junipero Serra 15'		poss M Miocene	Gregory		
30873	Monterey	Bear Canyon	23236	B	E of Pinalito Ck	252-D			Relizian	Gregory		
30874	Monterey	Bear Canyon	23236	C	E of Pinalito Ck	252-D	area F-1	abun planktics	M Miocene	Gregory		
30875	Monterey	Cosio Knob	23237		NW corner of quad	252-D			Saucesian	Gregory		
30876	Monterey	Cosio Knob	23240		NW corner of quad	252-D			not diagnostic	Gregory		
30877	Monterey	Cosio Knob	23243		NW corner of quad	252-D		age from map	Middle Miocene	Gregory		
30878	Monterey	Bear Canyon	23245		Mission Creek	252-D	Junipero Serra 15'		not diagnostic	Gregory		
30879	Monterey	Reliz Canyon	23248	A	Mission Creek	252-D	Junipero Serra 15'	abun planktics	Relizian	Gregory		
30880	Monterey	Reliz Canyon	23248	B	Mission Creek	252-D	Junipero Serra 15'	abun planktics	Luisian	Gregory		
30881	Monterey	Reliz Canyon	23248	C	Mission Creek	252-D	Junipero Serra 15'	abun planktics	Middle Miocene	Gregory		
30882	Monterey	Reliz Canyon?	23250	A	not found	252-D	new species defin	abun planktics	Luisian	Gregory		
30883	Monterey	Reliz Canyon?	23250	B	not found	252-D			Luisian	Gregory		
30884	Monterey	Reliz Canyon	23251	C	Vaqueros Creek	252-D	Junipero Serra 15'	planktics com	Luisian	Gregory		
30885	Monterey	Reliz Canyon	23251	D	Vaqueros Creek	252-D	Junipero Serra 15'	abun planktics	Relizian	Gregory		
30886	Monterey	Reliz Canyon	23251	E	Vaqueros Creek	252-D	Junipero Serra 15'	abun planktics	Middle Miocene	Gregory		
30887	Monterey	Reliz Canyon	23251	F	Vaqueros Creek	252-D	Junipero Serra 15'	abun planktics	Middle Miocene	Gregory		
30888	Monterey	Reliz Canyon	23251	G	Vaqueros Creek	252-D	Junipero Serra 15'	abun planktics	Relizian	Gregory		
30889	Monterey	Reliz Canyon	23251	H	Vaqueros Creek	252-D	Junipero Serra 15'	planktics com	Mohanian	Gregory		
30890	Monterey	Reliz Canyon	23251	I	Reliz Creek	252-D	Junipero Serra 15'	planktics com	Middle Miocene	Gregory		
30891	Monterey	Reliz Canyon	23252		Sweetwater Ck	252-D	Junipero Serra 15'	abun planktics	Middle Miocene	Gregory		
30892	Monterey	Reliz Canyon	23252	A	Sweetwater Ck	252-D	Junipero Serra 15'	abun planktics	Middle Miocene	Gregory		
30893	Monterey	Reliz Canyon	23252	C	Sweetwater Ck	252-D	Junipero Serra 15'	abun planktics	Relizian	Gregory		
30894	Monterey	Reliz Canyon	23252	D	Sweetwater Ck	252-D	Junipero Serra 15'		Middle Miocene	Gregory		
30895	Monterey	Cosio Knob	23253	C	SE of Cosio Knob	252-D	King City 15'		Middle Miocene	Gregory		
30896	Monterey	Cosio Knob	23253	D	SE of Cosio Knob	252-D	King City 15'		Middle Miocene	Gregory		
30897	Monterey	Cosio Knob	23254	G	NW of Cosio Knob	252-D	King City 15'		Relizian	Gregory		
30898	Monterey	Cosio Knob	23254	H	NW of Cosio Knob	252-D	King City 15'		Relizian	Gregory		
30899	Monterey	Cosio Knob	23256	B	NE of Cosio Knob	252-D	King City 15'		not diagnostic	Gregory		
30900	Monterey	Cosio Knob	23256	C	NE of Cosio Knob	252-D	King City 15'		Saucesian	Gregory		
30901	Monterey	Cosio Knob	23256	D	NE of Cosio Knob	252-D	King City 15'		Saucesian	Gregory		
30902	Monterey	Cosio Knob	23256	E	NE of Cosio Knob	252-D	King City 15'		Saucesian	Gregory		
30903	San Luis Obispo	Tierra Redonda Mtn	23260	A	SE corner of quad	252-D		age from map	Saucesian	Gregory		
30904	San Luis Obispo	Tierra Redonda Mtn	23260	B	SE corner of quad	252-D		age from map	Saucesian	Gregory		
30905	San Luis Obispo	Tierra Redonda Mtn	23260	C	SE corner of quad	252-D		age from map	Saucesian	Gregory		
30906	San Luis Obispo	Tierra Redonda Mtn	23260	D	SE corner of quad	252-D		age from map	Saucesian	Gregory		
30907	San Luis Obispo	Tierra Redonda Mtn	23260	E	SE corner of quad	252-D		age from map	Saucesian	Gregory		
30908	San Luis Obispo	Tierra Redonda Mtn	23260	F	SE corner of quad	252-D		age from map	Saucesian	Gregory		
30909	San Luis Obispo	Tierra Redonda Mtn	23260	G	SE corner of quad	252-D		age from map	Lower Relizian	Gregory		
30910	San Luis Obispo	Tierra Redonda Mtn	23260	H	SE corner of quad	252-D		age from map	Lower Relizian	Gregory		
30911	San Luis Obispo	Tierra Redonda Mtn	23261		SE corner of quad	252-D		age from map	Lower Relizian	Gregory		
30912	Monterey	Tierra Redonda Mtn	23262	A	S of Pleyto	252-D		age from map	Saucesian	Gregory		
30913	Monterey	Tierra Redonda Mtn	23262	B	S of Pleyto	252-D		age from map	Saucesian	Gregory		
30914	Monterey	Tierra Redonda Mtn	23262	C	S of Pleyto	252-E		age from map	Saucesian	Gregory		
30915	Monterey	Tierra Redonda Mtn	23263	C	S of Pleyto	252-E		age from map	not diagnostic	Gregory		
30916	San Luis Obispo	Tierra Redonda Mtn	23265	A	W of Bee Rock	252-E		age from map	not diagnostic	Gregory		
30917	Monterey	Cosio Knob	23272	A	NE of Cosio Knob	252-E		age from map	Saucesian	Gregory		
30918	Monterey	Cosio Knob	23272	B	NE of Cosio Knob	252-E		age from map	Saucesian	Gregory		
30919	Monterey	Cosio Knob	23272	C	NE of Cosio Knob	252-E		age from map	Saucesian	Gregory		
30920	Monterey	Bryson	23274	E	Copperhead Ck	252-E	Bryson 15'	age from map	not diagnostic	Gregory		
30921	Monterey	Bryson	23275	A	Smith Ranch	252-E	Bryson 15'	abun planktics	Lower Relizian	Gregory		
30922	Monterey	Bryson	23275	B	Smith Ranch	252-E	Bryson 15'	abun planktics	Relizian	Gregory		
30923	Monterey	Bryson	23275	D	Smith Ranch	252-E	Bryson 15'	age from map	Relizian	Gregory		
30924	Monterey	Bryson	23275	E	Smith Ranch	252-E	Bryson 15'	age from map	Relizian	Gregory		
30925	Monterey	Bryson	23275	F	Smith Ranch	252-E	Bryson 15'	age from map	Luisian	Gregory		
30926	Monterey	Bryson	23275	G	Smith Ranch	252-E	Bryson 15'	age from map	not diagnostic	Gregory		
30927	Monterey	Bryson	23276	C	E of Smith Ranch	252-E	Bryson 15'		no paleo info	Gregory		
30928	Monterey	Bryson	23276	E	E of Smith Ranch	252-E	Bryson 15'	age from map	Saucesian	Gregory		
30929	Monterey	Bryson	23276	F	E of Smith Ranch	252-E	Bryson 15'	age from map	Saucesian	Gregory		
30930	Monterey	Bryson	23276	G	E of Smith Ranch	252-E	Bryson 15'	age from map	Saucesian	Gregory		
30931	Monterey	Bryson	23276	H	E of Smith Ranch	252-E	Bryson 15'	age from map	Saucesian	Gregory		
30932	Monterey	Bryson	23276	I	E of Smith Ranch	252-E	Bryson 15'	age from map	Middle Miocene	Gregory		
30933	Monterey	Bryson	23276	J	E of Smith Ranch	252-E	Bryson 15'	age from map	Relizian	Gregory		
30934	Monterey	Bryson	23276	K	E of Smith Ranch	252-E	Bryson 15'	age from map	Middle Miocene	Gregory		
30935	Monterey	Bryson	23276	M	E of Smith Ranch	252-E	Bryson 15'	age from map	Middle Miocene	Gregory		
30936	Monterey	Hames Valley	23279		SW corner of quad	252-E		age from map	Middle Miocene	Gregory		
30937	San Luis Obispo	Adelaida	23280	A	Chimney Rock	252-E		age from map	Relizian	Gregory		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
30938	San Luis Obispo	Adelaida	23280	B	Chimney Rock	252-E		age from map	Relizian	Gregory		
30939	San Luis Obispo	Tierra Redonda Mtn	23282	A	Sulphur Canyon	252-E		age from map	not diagnostic	Gregory		
30940	San Luis Obispo	Tierra Redonda Mtn	23282	B	Sulphur Canyon	252-E		age from map	Middle Miocene	Gregory		
30941	San Luis Obispo	Tierra Redonda Mtn	23283		SE of Bee Rock	252-E		age from map	Saucesian	Gregory		
30942	San Luis Obispo	Tierra Redonda Mtn	23285		SE of Pleyto	252-E		age from map	Relizian	Gregory		
30943	San Luis Obispo	Tierra Redonda Mtn	23286		East of Bee Rock	252-E			Relizian	Gregory		
30944	San Luis Obispo	Tierra Redonda Mtn	23286	A	East of Bee Rock	252-F		age from map	Lower Relizian	Gregory		
30945	San Luis Obispo	Tierra Redonda Mtn	23286	A-RW	East of Bee Rock	252-F		age from map	Lower Relizian	Gregory		
30946	San Luis Obispo	Tierra Redonda Mtn	23286	B	East of Bee Rock	252-F		age from map	Lower Relizian	Gregory		
30947	San Luis Obispo	Tierra Redonda Mtn	23286	B-RW	East of Bee Rock	252-F		age from map	Lower Relizian	Gregory		
30948	San Luis Obispo	Tierra Redonda Mtn	23286	C	East of Bee Rock	252-F		age from map	Lower Relizian	Gregory		
30949	San Luis Obispo	Tierra Redonda Mtn	23286	D	East of Bee Rock	252-F		age from map	Lower Relizian	Gregory		
30950	San Luis Obispo	Tierra Redonda Mtn	23286	D-RW	East of Bee Rock	252-F		age from map	Lower Relizian	Gregory		
30951	Monterey	Tierra Redonda Mtn	23287	A	SE of Pleyto	252-F			Relizian	Gregory		
30952	Monterey	Tierra Redonda Mtn	23287	A-RW	SE of Pleyto	252-F			Relizian	Gregory		
30953	Monterey	Tierra Redonda Mtn	23287	B	SE of Pleyto	252-F			Relizian	Gregory		
30954	Monterey	Tierra Redonda Mtn	23287	C	SE of Pleyto	252-F			Relizian	Gregory		
30955	Monterey	Alder Peak	23291	A	Stony Valley	252-F	C San Martin 15'		Mohnian			
30956	Monterey	Alder Peak	23291	B	Stony Valley	252-F	C San Martin 15'	abun planktics	Luisian	Gregory		
30957	Monterey	Alder Peak	23291	C	Stony Valley	252-F	C San Martin 15'	abun planktics	Luisian	Gregory		
30958	Monterey	Jolon	23293	A	Lugo Canyon area	252-F	Bryson 15'	age from map	Luisian	Gregory		
30959	Monterey	Jolon	23293	B	Lugo Canyon area	252-F	Bryson 15'	age from map	Luisian	Gregory		
30960	Monterey	Jolon	23293	C	Lugo Canyon area	252-F	Bryson 15'	age from map	prob Mohnian	Gregory		
30961	Monterey	Jolon	23293	D	Lugo Canyon area	252-F	Bryson 15'	age from map	Lower Mohnian	Gregory		
30962	Monterey	Jolon	23293	E	Lugo Canyon area	252-F	Bryson 15'	age from map	Lower Mohnian	Gregory		
30963	Monterey	Jolon	23293	F	Lugo Canyon area	252-F	Bryson 15'	age from map	not diagnostic	Gregory		
30964	Monterey	Jolon	23293	G	Lugo Canyon area	252-F	Bryson 15'	age from map	Lower Mohnian	Gregory		
30965	Monterey	Jolon	23293	H	Lugo Canyon area	252-F	Bryson 15'	age from map	Lower Mohnian	Gregory		
30966	Monterey	Jolon	23293	I	Lugo Canyon area	252-F	Bryson 15'	age from map	not diagnostic	Gregory		
30967	Monterey	Jolon	23293	J	Lugo Canyon area	252-F	Bryson 15'	age from map	Luisian	Gregory		
30968	Monterey	Jolon	23295	A	China Gulch	252-F	Bryson 15'	age from map	Mohnian	Gregory		
30969	Monterey	Jolon	23295	B	China Gulch	252-F	Bryson 15'	age from map	Mohnian	Gregory		
30970	Monterey	Jolon	23296		NE of Mesa Coyote	252-F	Bryson 15'	abun planktics	no paleo info	Gregory		
30971	Monterey	Jolon	23297	B	El Piojo Creek	252-F	Bryson 15'	age from map	no paleo info	Gregory		
30972	Monterey	Jolon	23297	D	El Piojo Creek	252-F	Bryson 15'	age from map	not diagnostic	Gregory		
30973	Monterey	Jolon	23297	E	El Piojo Creek	252-F	Bryson 15'	age from map	Relizian	Gregory		
30974	Monterey	Jolon	23297	F	El Piojo Creek	252-F	Bryson 15'	age from map	Relizian	Gregory		
30975	Monterey	Jolon	23297	G	El Piojo Creek	252-F	Bryson 15'	age from map	Relizian	Gregory		
30976	Monterey	Junipero Serra Peak	23299		NW part of quad	252-F	Junipero Serra 15'		no paleo info	Gregory		
30977	San Luis Obispo	Wilson Corner	23300		NW corner quad	180-A	Pozo 15'	area F-2	not diagnostic	Elliott		
30978	San Luis Obispo	Wilson Corner	23301		NW corner quad	180-A	Pozo 15'		Luisian	Elliott		
30979	San Luis Obispo	Wilson Corner	23302		NW corner quad	180-A	Pozo 15'		Luisian	Elliott		
30980	San Luis Obispo	Wilson Corner	23303		NW corner quad	180-A	Pozo 15'		Luisian	Elliott		
30981	San Luis Obispo	Wilson Corner	23304		NW corner quad	180-A	Pozo 15'		Luisian	Elliott		
30982	San Luis Obispo	Wilson Corner	23305		NW corner quad	180-A	Pozo 15'	contaminated?	mixed Miocene	Elliott		
30983	San Luis Obispo	Wilson Corner	23306		NW corner quad	180-A	Pozo 15'		Luisian	Elliott		
30984	San Luis Obispo	Wilson Corner	23307		NW corner quad	180-A	Pozo 15'		Luisian	Elliott		
30985	San Luis Obispo	Wilson Corner	23311		S of Wilson Corner	180-A	Pozo 15'		not diagnostic	Elliott		
30986	San Luis Obispo	Wilson Corner	23314		S of Wilson Corner	180-A	Pozo 15'		Relizian	Elliott		
30987	San Luis Obispo	Wilson Corner	23315		At Wilson Corner	180-A	Pozo 15'		not diagnostic	Elliott		
30988	San Luis Obispo	Camatta Ranch	23316		Cammatti Ranch	180-A	Pozo 15'		not diagnostic	Elliott		
30989	Monterey	Juniper Serra Peak	23350	A	Arroyo Seco	252-F	Junipero Serra 15'	abun planktics	Relizian	Gregory		
30990	Monterey	Juniper Serra Peak	23350	B	Arroyo Seco	252-F	Junipero Serra 15'		Relizian	Gregory		
30991	Monterey	Juniper Serra Peak	23350	C	Arroyo Seco	252-F	Junipero Serra 15'	abun planktics	Relizian	Gregory		
30992	Monterey	Juniper Serra Peak	23351		Arroyo Seco	252-F	Junipero Serra 15'		no paleo info	Gregory		
30993	Monterey	Juniper Serra Peak	23352		Arroyo Seco	252-F	Junipero Serra 15'		no paleo info	Gregory		
30994	Monterey	Juniper Serra Peak	23354	B	Arroyo Seco	252-F	Junipero Serra 15'		Relizian	Gregory		
30995	Monterey	Juniper Serra Peak	23354	C	Arroyo Seco	252-F	Junipero Serra 15'	planktics com	Relizian	Gregory		
30996	Monterey	Juniper Serra Peak	23355	A	Arroyo Seco	252-F	Junipero Serra 15'		no paleo info	Gregory		
30997	Monterey	Juniper Serra Peak	23356		Arroyo Seco	252-F	Junipero Serra 15'		no paleo info	Gregory		
30998	Monterey	Juniper Serra Peak	23357		Arroyo Seco	252-F	Junipero Serra 15'		no paleo info	Gregory		
30999	Monterey	Juniper Serra Peak	23359		Arroyo Seco	252-F	Junipero Serra 15'		no paleo info	Gregory		
31000	Monterey	Juniper Serra Peak	23360		Arroyo Seco	252-F	Junipero Serra 15'		no paleo info	Gregory		
31001	Monterey	Juniper Serra Peak	23361	A	Arroyo Seco	252-G	Junipero Serra 15'		no age provided	Gregory		
31002	Monterey	Juniper Serra Peak	23361	B	Arroyo Seco	252-G	Junipero Serra 15'		Middle Miocene	Gregory		
31003	Monterey	Juniper Serra Peak	23361	D	Arroyo Seco	252-G	Junipero Serra 15'		not diagnostic	Gregory		
31004	Monterey	Juniper Serra Peak	23361	E	Arroyo Seco	252-G	Junipero Serra 15'		Middle Miocene	Gregory		
31005	Monterey	Juniper Serra Peak	23361	F	Arroyo Seco	252-F	Junipero Serra 15'	abun planktics	Relizian	Gregory		
31006	Monterey	Juniper Serra Peak	23362	B	Horse Canyon	252-G	Junipero Serra 15'		Lower Miocene	Gregory		
31007	Monterey	Juniper Serra Peak	23362	C	Horse Canyon	252-G	Junipero Serra 15'		Middle Miocene	Gregory		
31008	Monterey	Juniper Serra Peak	23362	D	Horse Canyon	252-G	Junipero Serra 15'		Middle Miocene	Gregory		
31009	Monterey	Juniper Serra Peak	23362	E	Horse Canyon	252-G	Junipero Serra 15'	abun planktics	Luisian	Gregory		
31010	Monterey	Juniper Serra Peak	23362	G	Horse Canyon	252-G	Junipero Serra 15'		Relizian	Gregory		
31011	Monterey	Juniper Serra Peak	23362	H	Horse Canyon	252-G	Junipero Serra 15'		not diagnostic	Gregory		
31012	Monterey	Juniper Serra Peak	23363	A	Arroyo Seco	252-G	Junipero Serra 15'		Upper Miocene	Gregory		
31013	Monterey	Juniper Serra Peak	23363	B	Arroyo Seco	252-G	Junipero Serra 15'		Upper Miocene	Gregory		
31014	Monterey	Reliz Canyon	23364	A	Reliz Canyon	252-G	Junipero Serra 15'		Upper Miocene	Gregory		
31015	Monterey	Reliz Canyon	23364	B	Reliz Canyon	252-G	Junipero Serra 15'		Upper Miocene	Gregory		
31016	Monterey	Reliz Canyon	23365	A	Reliz Canyon	252-G	Junipero Serra 15'		Middle Miocene	Gregory		
31017	Monterey	Reliz Canyon	23365	A-RW	Reliz Canyon	252-G	Junipero Serra 15'		Middle Miocene	Gregory		
31018	Monterey	Reliz Canyon	23365	B	Reliz Canyon	252-G	Junipero Serra 15'		Relizian	Gregory		
31019	Monterey	Reliz Canyon	23365	B-RW	Reliz Canyon	252-G	Junipero Serra 15'		Relizian	Gregory		
31020	Monterey	Reliz Canyon	23365	C	Reliz Canyon	252-G	Junipero Serra 15'		Luisian	Gregory		
31021	Monterey	Reliz Canyon	23365	D	Reliz Canyon	252-G	Junipero Serra 15'		Mohnian	Gregory		
31022	Monterey	Juniper Serra Peak	23366	A	Arroyo Seco	252-G	Junipero Serra 15'		no paleo info	Gregory		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
31023	Monterey	Juniper Serra Peak	23366	B	Arroyo Seco	252-G	Junipero Serra 15'		no paleo info	Gregory		
31024	Monterey	Williams Hill	23367	A	San Antonio River	252-G	Bryson 15'		? Upper Miocene	Gregory		
31025	Monterey	Williams Hill	23368	B	N of Hesperia Sch	252-G	Bryson 15'		?U Miocene	Gregory		
31026	Monterey	Bear Canyon	23370	B	San Antonio River	252-G			Mohnian	Gregory		
31027	Monterey	Bear Canyon	23370	D	San Antonio River	252-G			Mohnian	Gregory		
31028	Monterey	Bear Canyon	23370	E	San Antonio River	252-G			Mohnian	Gregory		
31029	Monterey	Bear Canyon	23370	F	San Antonio River	252-G			Luisian	Gregory		
31030	Monterey	Alder Peak	23371		Stony Valley	252-G	Cp San Martin 15'		no paleo info	Gregory		
31031	Monterey	Alder Peak	23371	A	Stony Valley	252-G	Cp San Martin 15'	abun planktics	Relizian	Gregory		
31032	Monterey	Alder Peak	23371	B	Stony Valley	252-G	Cp San Martin 15'		Relizian	Gregory		
31033	Monterey	Alder Peak	23371	C	Stony Valley	252-G	Cp San Martin 15'	abun planktics	Relizian	Gregory		
31034	Monterey	Alder Peak	23371	D	Stony Valley	252-G	Cp San Martin 15'	abun planktics	Relizian	Gregory		
31035	Monterey	Alder Peak	23371	E	Stony Valley	252-G	Cp San Martin 15'	planktics com	Relizian	Gregory		
31036	Monterey	not found	23375		Salinas Valley	252-G		has Siphon	no paleo info	Gregory		
31037	Monterey	Cosio Knob	23376	B	Oak Hills	252-G			not diagnostic	Gregory		
31038	Monterey	Cosio Knob	23376	E	Oak Hills	252-G			prob Relizian	Gregory		
31039	Monterey	Cosio Knob	23376	F	Oak Hills	252-G			prob Relizian	Gregory		
31040	Monterey	Cosio Knob	23377	A	NW part of quad	252-G		age from map	Luisian	Gregory		
31041	Monterey	Cosio Knob	23377	B	NW part of quad	252-G		age from map	Relizian	Gregory		
31042	Monterey	Tierra Redondo Mtn	23378	C	Bee Rock Canyon	252-G			Middle Miocene	Gregory		
31043	Kern	Santiago Creek	23383	3	NE part of quad	87-G	S Emigdio Mtn on	slide	not diagnostic	EHH		
31044	Kern	Santiago Creek	23384	1	NE part of quad	87-G			not diagnostic	EHH		
31045	Kern	Santiago Creek	23384	2	NE part of quad	87-G			Upper? Eocene	EHH		
31046	Kern	Santiago Creek	23384	3A	NE part of quad	87-G			Upper? Eocene	EHH		
31047	Kern	Santiago Creek	23384	3B	NE part of quad	87-G			Upper? Eocene	EHH		
31048	Kern	Santiago Creek	23384	4	NE part of quad	87-G			Upper? Eocene	EHH		
31049	Kern	Santiago Creek	23385	1	Muddy Creek	87-G			not diagnostic	EHH		
31050	Kern	Santiago Creek	23385	2	Muddy Creek	87-G			not diagnostic	EHH		
31051	Kern	Santiago Creek	23385	3	Muddy Creek	87-G			not diagnostic	EHH		
31052	Kern	Santiago Creek	23385	4	Muddy Creek	87-G			not diagnostic	EHH		
31053	Kern	Santiago Creek	23385	5	Muddy Creek	87-G			not diagnostic	EHH		
31054	Kern	Santiago Creek	23385	18	Muddy Creek	87-G			not diagnostic	EHH		
31055	Kern	Santiago Creek	23385	19	Muddy Creek	87-G			Lower Zemorrian	EHH		
31056	Kern	Santiago Creek	23385	20	Muddy Creek	87-G			Lower Zemorrian	EHH		
31057	Kern	Santiago Creek	23386	1	E of Muddy Creek	190-D			not diagnostic	EHH		
31058	Kern	Santiago Creek	23386	2	E of Muddy Creek	190-D		abun planktics	Lower Relizian	EHH		
31059	Kern	Santiago Creek	23386	3	E of Muddy Creek	190-D			not diagnostic	EHH		
31060	Kern	Santiago Creek	23386	4	E of Muddy Creek	190-D			Upper Saucesian	EHH		
31061	Kern	Santiago Creek	23386	5	E of Muddy Creek	190-D			Upper Saucesian	EHH		
31062	Kern	Santiago Creek	23386	6	E of Muddy Creek	190-D			Upper Saucesian	EHH		
31063	Kern	Santiago Creek	23386	7	E of Muddy Creek	190-D			Saucesian	EHH		
31064	Kern	Santiago Creek	23386	8	E of Muddy Creek	190-D			Lower Miocene	EHH		
31065	Kern	Santiago Creek	23386	9	E of Muddy Creek	190-D			Lower Miocene	EHH		
31066	Kern	Santiago Creek	23386	14	E of Muddy Creek	190-D			not diagnostic	EHH		
31067	Kern	Santiago Creek	23386	15	E of Muddy Creek	190-D			not diagnostic	EHH		
31068	Kern	Eagle Rest Peak	23389	1	SE of S Emigdio R	184-N			Lower Miocene	EHH		
31069	Kern	Eagle Rest Peak	23389	2	SE of S Emigdio R	184-N			Lower Miocene	EHH		
31070	Kern	Eagle Rest Peak	23389	3	SE of S Emigdio R	184-N			Lower Miocene	EHH		
31071	Kern	Eagle Rest Peak	23395	1	San Emigdio area	184-N	not on map		Upper Eocene	EHH		
31072	Kern	Eagle Rest Peak	23395	3	San Emigdio area	184-N	not on map		Upper Eocene	EHH		
31073	Kern	Eagle Rest Peak	23395	3A	San Emigdio area	184-N	not on map		Upper Eocene	EHH		
31074	Kern	Eagle Rest Peak	23395	3B	San Emigdio area	184-N	not on map		Upper Eocene	EHH		
31075	Kern	Eagle Rest Peak	23395	4	San Emigdio area	184-N	not on map		Upper Eocene	EHH		
31076	Kern	Eagle Rest Peak	23395	5	San Emigdio area	184-N	not on map		not diagnostic	EHH		
31077	Kern	Eagle Rest Peak	23395	6	San Emigdio area	184-N	not on map		not diagnostic	EHH		
31078	Kern	Eagle Rest Peak	23395	6B	San Emigdio area	184-N	not on map		not diagnostic	EHH		
31079	Kern	Eagle Rest Peak	23395	7	San Emigdio area	184-N	not on map		not diagnostic	EHH		
31080	Kern	Eagle Rest Peak	23395	8	San Emigdio area	184-N	not on map		not diagnostic	EHH		
31081	Kern	Eagle Rest Peak	23395	9	San Emigdio area	184-N	not on map		no paleo info	EHH		
31082	San Luis Obispo	Painted Rock	23399	A	NE of Painted Roc	44-D	Caliente Mtn 15'		Lower Zemorrian	Elliott		
31083	San Luis Obispo	Painted Rock	23399	B	NE of Painted Roc	44-D	Caliente Mtn 15'		Lower Zemorrian	Elliott		
31084	Contra Costa	Richmond	23415		San Pablo Dam	194-E		all ostracods	no paleo info	Reber		
31085	Contra Costa	Benecia	23433		SC part of quad	177-J			no paleo info	Wracher		
31086	Contra Costa	Richmond	23436		NE part of quad	177-J	sa Richmond		no paleo info	Wracher		
31087	Contra Costa	Richmond	23439		NE part of quad	177-J			no paleo info	Wracher		
31088	Contra Costa	Richmond	23441		NC part of quad	177-J			no paleo info	Wracher		
31089	Contra Costa	Mare Island	23442		Wilson Point	177-J	dupe in Benecia		not diagnostic	Wracher		
31090	Contra Costa	Richmond	23445		Pinole Vally Road	177-J			not diagnostic	Wracher		
31091	Contra Costa	Mare Island	23446		Wilson Point	177-J			not diagnostic	Wracher		
31092	Kern	McKittrick Summit	23450		Temblor Ranch	28-N	area K-6	not on map	not diagnostic	Harper		
31093	Kern	McKittrick Summit	23451	A	Temblor Ranch	28-N	Temblor Ck area	not on map	not diagnostic	Harper		
31094	Kern	McKittrick Summit	23451	B	Temblor Ranch	28-N	Temblor Ck area	not on map	prob Miocene	Harper		
31095	Kern	McKittrick Summit	23451	C	Temblor Ranch	28-N	Temblor Ck area	not on map	prob Miocene	Harper		
31096	Kern	McKittrick Summit	23451	H	Temblor Ranch	28-N	Temblor Ck area	not on map	Middle Miocene	Harper		
31097	Kern	McKittrick Summit	23451	I	Temblor Ranch	28-N	Temblor Ck area	not on map	Middle Miocene	Harper		
31098	Kern	McKittrick Summit	23453	A	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
31099	Kern	McKittrick Summit	23453	C	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
31100	Kern	McKittrick Summit	23453	D	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
31101	Kern	McKittrick Summit	23453	E	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
31102	Kern	McKittrick Summit	23453	F	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
31103	Kern	McKittrick Summit	23453	G	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
31104	Kern	McKittrick Summit	23454	B	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
31105	Kern	McKittrick Summit	23454	C	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
31106	Kern	McKittrick Summit	23454	D	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
31107	Kern	McKittrick Summit	23455	C	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
31108	Kern	McKittrick Summit	23455	D	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
31109	Kern	McKittrick Summit	23456	A	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
31110	Kern	McKittrick Summit	23456	B	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
31111	Kern	McKittrick Summit	23456	C	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
31112	Kern	McKittrick Summit	23456	D	Temblor Ranch	180-F	SW Salt Creek	not on map	no paleo info	Harper		
31113	Kern	McKittrick Summit	23456	E	Temblor Ranch	180-F	SW Salt Creek	not on map	no paleo info	Harper		
31114	Kern	McKittrick Summit	23457		Temblor Ranch	180-F	SW Salt Creek	not on map	no paleo info	Harper		
31115	Contra Costa	Richmond	23472		NE corner of quad	177-J			no paleo info	Wracher		
31116	Contra Costa	Richmond	23473		NE corner of quad	177-J			no paleo info	Wracher		
31117	Contra Costa	Richmond	23475		NE corner of quad	177-J			no paleo info	Wracher		
31118	Contra Costa	Briones Valley	23476		NW corner of quad	177-J			no paleo info	Wracher		
31119	Contra Costa	Briones Valley	23478		NW corner of quad	177-J			no paleo info	Wracher		
31120	Contra Costa	Briones Valley	23486		NW corner of quad	177-J			no paleo info	Wracher		
31121	Contra Costa	Briones Valley	23488		NW corner of quad	177-J			no paleo info	Wracher		
31122	Contra Costa	Richmond	23489		San Pablo Dam vic	177-J			no paleo info	Wracher		
31123	Contra Costa	Briones Valley	23494		WC part of quad	177-J			no paleo info	Wracher		
31124	Contra Costa	Briones Valley	23495		WC part of quad	177-J			no paleo info	Wracher		
31125	Contra Costa	Briones Valley	23496		WC part of quad	177-J			no paleo info	Wracher		
31126	Kern	Santiago Creek	23502	2	Santiago Creek	190-B		have strat	U Eocene A-2 zone			
31127	Kern	Santiago Creek	23502	4	Santiago Creek	190-B		column	not diagnostic			
31128	Kern	Santiago Creek	23502	5	Santiago Creek	190-B			not diagnostic			
31129	Kern	Santiago Creek	23502	11	Santiago Creek	190-B			not diagnostic			
31130	Kern	Santiago Creek	23502	12	Santiago Creek	190-B			not diagnostic			
31131	Kern	Santiago Creek	23502	12A	Santiago Creek	190-B			not diagnostic			
31132	Kern	Santiago Creek	23502	25	Santiago Creek	190-B			not diagnostic			
31133	Kern	Santiago Creek	23502	28	Santiago Creek	190-B			not diagnostic			
31134	Kern	Santiago Creek	23503	1	Santiago Creek	190-C	Have strat column		prob U Eocene			
31135	Kern	Santiago Creek	23503	2	Santiago Creek	190-C	Snedden Ranch		prob U Eocene			
31136	Kern	Santiago Creek	23503	3	Santiago Creek	190-C			prob U Eocene			
31137	Kern	Santiago Creek	23503	5	Santiago Creek	190-C			prob U Eocene			
31138	Kern	Santiago Creek	23503	16	Santiago Creek	190-C			prob U Eocene			
31139	Kern	Santiago Creek	23503	17	Santiago Creek	190-C			prob U Eocene			
31140	Kern	Santiago Creek	23503	18	Santiago Creek	190-C			prob U Eocene			
31141	Kern	Santiago Creek	23503	19	Santiago Creek	190-C			prob U Eocene			
31142	Kern	Santiago Creek	23503	20	Santiago Creek	190-C			prob U Eocene			
31143	Kern	Santiago Creek	23503	21	Santiago Creek	190-C			prob U Eocene			
31144	Kern	Santiago Creek	23503	22	Santiago Creek	190-C			prob U Eocene			
31145	Kern	Santiago Creek	23503	23	Santiago Creek	190-C			prob U Eocene			
31146	Kern	Santiago Creek	23503	24	Santiago Creek	190-C			prob U Eocene			
31147	Kern	Santiago Creek	23503	26	Santiago Creek	190-C			prob U Eocene			
31148	Kern	Santiago Creek	23503	27	Santiago Creek	190-C			prob U Eocene			
31149	Kern	Santiago Creek	23503	29	Santiago Creek	190-C			prob U Eocene			
31150	Kern	Santiago Creek	23503	30	Santiago Creek	190-C			prob U Eocene			
31151	Kern	Santiago Creek	23503	32	Santiago Creek	190-C			Lower Zemorrian			
31152	Kern	Santiago Creek	23503	33	Santiago Creek	190-C			Lower Zemorrian			
31153	Kern	Santiago Creek	23503	39	Santiago Creek	190-C			Lower Zemorrian			
31154	Kern	Santiago Creek	23503	41A	Santiago Creek	190-C			Lower Zemorrian			
31155	Kern	Santiago Creek	23503	48	Santiago Creek	190-C			Lower Zemorrian			
31156	Kern	Santiago Creek	23503	52C	Santiago Creek	190-C			Lower Zemorrian			
31157	Kern	Santiago Creek	23503	52F	Santiago Creek	190-C			Lower Zemorrian			
31158	Kern	Santiago Creek	23503	53	Santiago Creek	190-C			Lower Zemorrian			
31159	Kern	Santiago Creek	23503	56	Santiago Creek	190-C			Lower Zemorrian			
31160	Kern	Santiago Creek	23503	57	Santiago Creek	190-C			Lower Zemorrian			
31161	Kern	Santiago Creek	23503	58	Santiago Creek	190-C			Lower Zemorrian			
31162	Kern	Santiago Creek	23503	59	Santiago Creek	190-C			Lower Zemorrian			
31163	Kern	Santiago Creek	23503	60	Santiago Creek	190-C			Lower Zemorrian			
31164	Kern	Santiago Creek	23503	75A	Santiago Creek	190-C			Lower Zemorrian			
31165	Kern	Santiago Creek	23503	75B	Santiago Creek	190-C			Lower Zemorrian			
31166	Kern	Santiago Creek	23503	91C	Santiago Creek	190-C			Upper Zemorrian			
31167	Kern	Santiago Creek	23503	91F	Santiago Creek	190-C			Upper Zemorrian			
31168	Kern	Santiago Creek	23503	95C	Santiago Creek	190-C			Saucesian			
31169	Kern	Santiago Creek	23503	95F	Santiago Creek	190-C			Saucesian			
31170	Kern	Santiago Creek	23503	97	Santiago Creek	190-C			Saucesian			
31171	Kern	Santiago Creek	23503	98	Santiago Creek	190-C			Saucesian			
31172	Kern	Santiago Creek	23503	100	Santiago Creek	190-C			Saucesian			
31173	Kern	Santiago Creek	23503	105	Santiago Creek	190-C			Saucesian			
31174	Kern	Santiago Creek	23503	106	Santiago Creek	190-C			Saucesian			
31175	Kern	Santiago Creek	23503	107	Santiago Creek	190-C			Saucesian			
31176	Kern	Santiago Creek	23503	118	Santiago Creek	190-C			Saucesian			
31177	Kern	Santiago Creek	23503	122	Santiago Creek	190-C			Saucesian			
31178	Kern	Santiago Creek	23503	122A	Santiago Creek	190-C			Saucesian			
31179	Kern	Santiago Creek	23503	122B	Santiago Creek	190-C			Saucesian			
31180	Kern	Santiago Creek	23503	123	Santiago Creek	190-C			Saucesian			
31181	Kern	Santiago Creek	23503	123	Santiago Creek	190-C			Saucesian			
31182	Kern	Santiago Creek	23503	124	Santiago Creek	190-C			Saucesian			
31183	Kern	Grapevine	23504	6	Grapevine Canyon	190-B	type Metralia but	faunas poor	prob U Eocene			
31184	Kern	Grapevine	23504	7	Grapevine Canyon	190-B	Have strat column		prob U Eocene			
31185	Kern	Grapevine	23504	8	Grapevine Canyon	190-B			prob U Eocene			
31186	Kern	Grapevine	23504	20	Grapevine Canyon	190-B			prob U Eocene			
31187	Kern	Grapevine	23504	24	Grapevine Canyon	190-B			prob U Eocene			
31188	Kern	Grapevine	23504	29	Grapevine Canyon	190-B			prob U Eocene			
31189	Kern	Grapevine	23504	31	Grapevine Canyon	190-B			prob U Eocene			
31190	Kern	Grapevine	23504	32	Grapevine Canyon	190-B			prob U Eocene			
31191	Kern	Grapevine	23504	33	Grapevine Canyon	190-B			prob U Eocene			
31192	Kern	Grapevine	23504	34	Grapevine Canyon	190-B			prob U Eocene			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
31193	Kern	Grapevine	23504	37	Grapevine Canyon	190-B			prob U Eocene			
31194	Kern	Grapevine	23504	39A	Grapevine Canyon	190-B			prob U Eocene			
31195	Kern	Grapevine	23504	39B	Grapevine Canyon	190-B			prob U Eocene			
31196	Kern	Grapevine	23504	40A	Grapevine Canyon	190-B			prob U Eocene			
31197	Kern	Grapevine	23505	9	Grapevine Canyon	190-B	type Tejon but	faunas poor	prob M Eocene			
31198	Kern	Grapevine	23505	10A	Grapevine Canyon	190-B	Have strat column		prob M Eocene			
31199	Kern	Grapevine	23505	13	Grapevine Canyon	190-B			prob M Eocene			
31200	Kern	Grapevine	23505	15	Grapevine Canyon	190-B			prob M Eocene			
31201	Kern	Grapevine	23505	18	Grapevine Canyon	190-B			prob M Eocene			
31202	Kern	Grapevine	23505	20	Grapevine Canyon	190-B			prob M Eocene			
31203	Kern	Grapevine	23505	22	Grapevine Canyon	190-B			prob M Eocene			
31204	Kern	Grapevine	23505	23	Grapevine Canyon	190-B			prob M Eocene			
31205	Kern	Grapevine	23505	26	Grapevine Canyon	190-B			prob M Eocene			
31206	Kern	Grapevine	23505	28	Grapevine Canyon	190-B			prob M Eocene			
31207	Kern	Grapevine	23505	29A	Grapevine Canyon	190-B			prob M Eocene			
31208	Kern	Grapevine	23505	29B	Grapevine Canyon	190-B			prob M Eocene			
31209	Kern	Pastoria Creek	23506	5	Liveoak Canyon	190-B	type Liveoak but	faunas poor	Eocene			
31210	Kern	Pastoria Creek	23506	11	Liveoak Canyon	190-B			Eocene			
31211	Kern	Pastoria Creek	23506	14	Liveoak Canyon	190-B			Eocene			
31212	Kern	Pastoria Creek	23506	18	Liveoak Canyon	190-B			Eocene			
31213	Kern	Eagle Rest Peak	23512	70	Seis vel hole C2	180-B	not on map		Upper Eocene			
31214	Kern	Eagle Rest Peak	23512	100	San Emidio Cyn	180-B	not on map		Upper Eocene			
31215	Kern	Eagle Rest Peak	23512	180	San Emidio Cyn	180-B	not on map		Upper Eocene			
31216	Kern	Eagle Rest Peak	23514	100	Seis vel hole E	180-B	not on map		Upper Eocene			
31217	Kern	Eagle Rest Peak	23514	200	San Emidio Cyn	180-B	not on map		Upper Eocene			
31218	Kern	Eagle Rest Peak	23514	300	San Emidio Cyn	180-B	not on map		Upper Eocene			
31219	Kern	Eagle Rest Peak	23514	400	San Emidio Cyn	180-B	not on map		Upper Eocene			
31220	Kern	Eagle Rest Peak	23514	420	San Emidio Cyn	180-B	not on map		Upper Eocene			
31221	San Mateo	Mindego Hill	23518	A	Peters Creek	74-D			Upper Zemorrian	Turner		
31222	San Mateo	Mindego Hill	23518	B	Peters Creek	74-D			U Zem or L Sauc	Turner		
31223	San Mateo	Mindego Hill	23518	C	Peters Creek	74-D			U Zem or L Sauc	Turner		
31224	San Mateo	Mindego Hill	23518	D	Peters Creek	74-D			Upper Zemorrian	Turner		
31225	San Mateo	Mindego Hill	23518	E	Peters Creek	74-D			Upper Zemorrian	Turner		
31226	San Mateo	Mindego Hill	23518	F	Peters Creek	74-D			Zemorrian	Turner		
31227	San Mateo	Mindego Hill	23518	G	Peters Creek	74-D			Upper Zemorrian	Turner		
31228	San Mateo	Mindego Hill	23518	H	Peters Creek	74-D			Upper Zemorrian	Turner		
31229	San Mateo	Mindego Hill	23518	I	Peters Creek	74-D			Upper Zemorrian	Turner		
31230	San Mateo	Mindego Hill	23518	J	Peters Creek	74-D			Zemorrian	Turner		
31231	San Mateo	Mindego Hill	23518	K	Peters Creek	74-D			Upper Zemorrian	Turner		
31232	Kern	Eagle Rest Peak	23519	160	Seis Vel hole J	180-B	S Emigdio Canyon	not on map	Upper Eocene			
31233	Kern	Eagle Rest Peak	23519	200	Seis Vel hole J	180-B	S Emigdio Canyon	not on map	Upper Eocene			
31234	Kern	Eagle Rest Peak	23519	240	Seis Vel hole J	180-B	S Emigdio Canyon	not on map	Upper Eocene			
31235	Kern	Eagle Rest Peak	23519	255	Seis Vel hole J	180-B	S Emigdio Canyon	not on map	Upper Eocene			
31236	Kern	Eagle Rest Peak	23519	300	Seis Vel hole J	180-B	S Emigdio Canyon	not on map	Upper Eocene			
31237	Kern	Eagle Rest Peak	23519	400	Seis Vel hole J	180-B	S Emigdio Canyon	not on map	Upper Eocene			
31238	Kern	Eagle Rest Peak	23521	25	Seis vel hole T	180-B	S Emigdio Canyon	not on map	Upper Eocene			
31239	San Luis Obispo	California Valley	23543		Anderson Canyon	175-F	La Panza 15'		Luisian	Elliott		
31240	San Luis Obispo	California Valley	23544	1	San Juan Creek	175-F	La Panza 15'		Relizian	Elliott		
31241	San Luis Obispo	California Valley	23547	8	Anderson Canyon	175-F	La Panza 15'		Miocene	Elliott		
31242	San Luis Obispo	California Valley	23547	9	Anderson Canyon	175-F	La Panza 15'		Miocene	Elliott		
31243	San Luis Obispo	California Valley	23547	12	Anderson Canyon	175-F	La Panza 15'		Miocene	Elliott		
31244	San Luis Obispo	California Valley	23547	13	Anderson Canyon	175-F	La Panza 15'		not diagnostic	Elliott		
31245	San Luis Obispo	California Valley	23547	14	Anderson Canyon	175-F	La Panza 15'		not diagnostic	Elliott		
31246	San Luis Obispo	California Valley	23547	17	Anderson Canyon	175-F	La Panza 15'		not diagnostic	Elliott		
31247	San Luis Obispo	California Valley	23547	18	Anderson Canyon	175-F	La Panza 15'		Middle Miocene	Elliott		
31248	San Luis Obispo	California Valley	23547	20	Anderson Canyon	175-F	La Panza 15'		poss Relizian	Elliott		
31249	San Luis Obispo	California Valley	23547	22	Anderson Canyon	175-F	La Panza 15'		poss Relizian	Elliott		
31250	San Luis Obispo	La Panza	23548	1	Hay Canyon	175-F	La Panza 15'		prob M Miocene	Elliott		
31251	San Luis Obispo	La Panza	23548	2	Hay Canyon	175-F	La Panza 15'		poss Relizian	Elliott		
31252	San Luis Obispo	La Panza	23550		Hay Canyon	175-F	La Panza 15'		barren	Elliott		
31253	San Luis Obispo	La Panza	23551	A	Hay Canyon	175-F	La Panza 15'		Saucesian	Elliott		
31254	San Luis Obispo	La Panza	23554		not found	175-F	La Panza 15'	rich fauna	Middle Miocene	Elliott		
31255	San Luis Obispo	La Panza	23555		Near La Panza	175-F	La Panza 15'		Lower Luisian	Elliott		
31256	San Luis Obispo	La Panza	23556		Near La Panza	175-F	La Panza 15'		Middle Miocene	Elliott		
31257	San Luis Obispo	La Panza	23557		not found	175-F	La Panza 15'	rich fauna	Luisian	Elliott		
31258	San Luis Obispo	La Panza	23558		Placer Creek	175-F	La Panza 15'		Middle Miocene	Elliott		
31259	San Luis Obispo	La Panza	23559		Placer Creek	175-F	La Panza 15'		Luisian	Elliott		
31260	San Luis Obispo	California Valley	23560		E of Freebom Mtn	175-F	La Panza 15'		not diagnostic	Elliott		
31261	San Luis Obispo	California Valley	23561	A	E of Freebom Mtn	175-F	La Panza 15'	has new speci	prob L Miocene	Elliott		
31262	San Luis Obispo	California Valley	23562		E of Freebom Mtn	175-F	La Panza 15'		not diagnostic	Elliott		
31263	San Luis Obispo	California Valley	23563		E of Freebom Mtn	175-F	La Panza 15'		Lower Miocene	Elliott		
31264	San Luis Obispo	La Panza	23565	1	Hay Canyon	175-F	La Panza 15'	abun planktics	Saucesian	Elliott		
31265	San Luis Obispo	La Panza	23565	2	Hay Canyon	175-F	La Panza 15'	planktics com	Upper Saucesian	Elliott		
31266	San Luis Obispo	La Panza	23565	3	Hay Canyon	175-F	La Panza 15'	planktics com	Sauc/Relizian	Elliott		
31267	San Luis Obispo	La Panza	23565	4	Hay Canyon	175-F	La Panza 15'		Sauc/Relizian	Elliott		
31268	San Luis Obispo	La Panza	23565	5	Hay Canyon	175-F	La Panza 15'	abun planktics	Sauc/Relizian	Elliott		
31269	San Luis Obispo	La Panza	23565	6	Hay Canyon	175-F	La Panza 15'	abun planktics	Sauc/Relizian	Elliott		
31270	San Luis Obispo	La Panza	23565	7	Hay Canyon	175-F	La Panza 15'	abun planktics	Sauc/Relizian	Elliott		
31271	San Luis Obispo	La Panza	23566	2	Hay Canyon	175-F	La Panza 15'		Middle Miocene	Elliott		
31272	San Luis Obispo	California Valley	23569		SW of Freeborn Mtn	175-F	La Panza 15'	abun planktics	Luisian	Elliott		
31273	San Luis Obispo	California Valley	23570		E of Freeborn Mtn	175-F	La Panza 15'		Saucesian	Elliott		
31274	San Luis Obispo	California Valley	23573		S of Freeborn Mtn	175-F	La Panza 15'		Saucesian	Elliott		
31275	San Luis Obispo	Templeton	23575		N of Atascadero	175-F	Paso Robles 15'		nonmarine?	Elliott		
31276	San Luis Obispo	Templeton	23576		N of Atascadero	175-F	Paso Robles 15'		Lower Mohnian	Elliott		
31277	San Luis Obispo	Templeton	23579		NE of Atascadero	175-G	Paso Robles 15'		Middle Miocene	Elliott		

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
31278	San Luis Obispo	Templeton	23581		E of Atascadero	175-G	Paso Robles 15'		not diagnostic	Elliott		
31279	San Luis Obispo	Santa Margarita	23583		NW corner of quad	175-G	S Luis Obispo 15'		not diagnostic	Elliott		
31280	San Luis Obispo	Santa Margarita	23586		NW corner of quad	175-G	S Luis Obispo 15'		Upper Miocene	Elliott		
31281	San Luis Obispo	La Panza	23592		Beartrap Spring	175-G	La Panza 15'		Saucesian	Elliott		
31282	San Luis Obispo	La Panza	23593		Beartrap Spring	175-G	La Panza 15'		Upper Saucesian	Elliott		
31283	San Luis Obispo	La Panza	23594	1A	Beartrap Spring	175-G	La Panza 15'		poss Saucesian	Elliott		
31284	San Luis Obispo	La Panza	23594	2	Beartrap Spring	175-G	La Panza 15'		Lower Relizian	Elliott		
31285	San Luis Obispo	La Panza	23594	5	Beartrap Spring	175-G	La Panza 15'		Middle Miocene	Elliott		
31286	San Luis Obispo	La Panza	23596		Willow Canyon	175-G	La Panza 15'		not diagnostic	Elliott		
31287	San Luis Obispo	La Panza	23597		Willow Canyon	175-G	La Panza 15'		Lower Relizian	Elliott		
31288	San Luis Obispo	La Panza	23599		Willow Canyon	175-G	La Panza 15'		not diagnostic	Elliott		
31289	Contra Costa	Richmond	23601		San Pablo auger	177-K	N of SP Reservoir		no paleo info			
31290	Contra Costa	Briones Valley	23603		San Pablo auger	177-K			no paleo info			
31291	Contra Costa	Richmond	23604	2	San Pablo auger	177-A	Scow Canyon		no paleo info			
31292	Contra Costa	Richmond	23604	3	San Pablo auger	177-A	Scow Canyon		no paleo info			
31293	Contra Costa	Richmond	23604	5	San Pablo auger	177-A	Scow Canyon		no paleo info			
31294	Contra Costa	Richmond	23604	6	San Pablo auger	177-A	Scow Canyon		no paleo info			
31295	Contra Costa	Richmond	23604	7	San Pablo auger	177-A	Scow Canyon		no paleo info			
31296	Contra Costa	Briones Valley	23604	8	San Pablo auger	177-A	Scow Canyon		no paleo info			
31297	Contra Costa	Briones Valley	23604	13	San Pablo auger	177-A	Scow Canyon		no paleo info			
31298	Contra Costa	Briones Valley	23604	15	San Pablo auger	177-A	Scow Canyon		no paleo info			
31299	Contra Costa	Briones Valley	23604	16	San Pablo auger	177-A	Scow Canyon		no paleo info			
31300	Contra Costa	Briones Valley	23604	17	San Pablo auger	177-A	Scow Canyon		no paleo info			
31301	Contra Costa	Briones Valley	23604	19	San Pablo auger	177-A	Scow Canyon		no paleo info			
31302	Contra Costa	Briones Valley	23604	20	San Pablo auger	177-A	Scow Canyon		no paleo info			
31303	Contra Costa	Briones Valley	23604	21	San Pablo auger	177-A	Scow Canyon		no paleo info			
31304	Contra Costa	Briones Valley	23604	24	San Pablo auger	177-A	Scow Canyon		no paleo info			
31305	Contra Costa	Briones Valley	23604	25	San Pablo auger	177-A	Scow Canyon		no paleo info			
31306	Contra Costa	Briones Valley	23604	26	San Pablo auger	177-A	Scow Canyon		no paleo info			
31307	Contra Costa	Briones Valley	23604	27	San Pablo auger	177-A	Scow Canyon		no paleo info			
31308	Contra Costa	Briones Valley	23604	29	San Pablo auger	177-A	Scow Canyon		no paleo info			
31309	Contra Costa	Briones Valley	23605	1	San Pablo auger	177-A	SE of Castro Road		no paleo info			
31310	Contra Costa	Briones Valley	23605	2	San Pablo auger	177-A	SE of Castro Road		no paleo info			
31311	Contra Costa	Briones Valley	23605	3	San Pablo auger	177-A	SE of Castro Road		no paleo info			
31312	Contra Costa	Briones Valley	23605	5	San Pablo auger	177-A	SE of Castro Road		no paleo info			
31313	Contra Costa	Briones Valley	23605	6	San Pablo auger	177-A	SE of Castro Road		no paleo info			
31314	Contra Costa	Briones Valley	23605	7	San Pablo auger	177-A	SE of Castro Road		no paleo info			
31315	Contra Costa	Briones Valley	23605	8	San Pablo auger	177-A	SE of Castro Road		no paleo info			
31316	Contra Costa	Briones Valley	23606	1	San Pablo auger	177-A	Pinole Ck area	32/2N/3W	no paleo info			
31317	Contra Costa	Briones Valley	23606	2	San Pablo auger	177-A	Pinole Ck area		no paleo info			
31318	Contra Costa	Briones Valley	23606	3	San Pablo auger	177-A	Pinole Ck area		no paleo info			
31319	Contra Costa	Briones Valley	23606	8	San Pablo auger	177-A	Pinole Ck area		no paleo info			
31320	Contra Costa	Briones Valley	23606	9	San Pablo auger	177-A	Pinole Ck area		no paleo info			
31321	Contra Costa	Briones Valley	23606	10	San Pablo auger	177-A	Pinole Ck area		no paleo info			
31322	Contra Costa	Briones Valley	23607	1	San Pablo auger	177-A	Oursan Ridge	5/1N/3W	no paleo info			
31323	Contra Costa	Briones Valley	23607	2	San Pablo auger	177-A	Oursan Ridge		no paleo info			
31324	Contra Costa	Briones Valley	23607	3	San Pablo auger	177-A	Oursan Ridge		no paleo info			
31325	Contra Costa	Briones Valley	23607	4	San Pablo auger	177-A	Oursan Ridge		no paleo info			
31326	Contra Costa	Briones Valley	23607	5	San Pablo auger	177-A	Oursan Ridge		no paleo info			
31327	Contra Costa	Briones Valley	23607	6	San Pablo auger	177-A	Oursan Ridge		no paleo info			
31328	Contra Costa	Briones Valley	23607	7	San Pablo auger	177-A	Oursan Ridge		no paleo info			
31329	Contra Costa	Briones Valley	23607	8	San Pablo auger	177-A	Oursan Ridge		no paleo info			
31330	Contra Costa	Briones Valley	23607	9	San Pablo auger	177-A	Oursan Ridge		no paleo info			
31331	Contra Costa	Briones Valley	23607	10	San Pablo auger	177-A	Oursan Ridge		no paleo info			
31332	Contra Costa	Briones Valley	23607	11	San Pablo auger	177-A	Oursan Ridge		no paleo info			
31333	Contra Costa	Briones Valley	23607	12	San Pablo auger	177-A	Oursan Ridge		no paleo info			
31334	Contra Costa	Briones Valley	23607	13	San Pablo auger	177-A	Oursan Ridge		no paleo info			
31335	Contra Costa	Briones Valley	23607	14	San Pablo auger	177-A	Oursan Ridge		no paleo info			
31336	Contra Costa	Briones Valley	23607	16	San Pablo auger	177-A	Oursan Ridge		no paleo info			
31337	Contra Costa	Briones Valley	23607	17	San Pablo auger	177-A	Oursan Ridge		no paleo info			
31338	Contra Costa	Briones Valley	23608	2	San Pablo auger	177-B	Bear Creek	9/1N/3W	no paleo info			
31339	Contra Costa	Briones Valley	23608	3	San Pablo auger	177-B	Bear Creek		no paleo info			
31340	Contra Costa	Briones Valley	23608	4	San Pablo auger	177-B	Bear Creek		no paleo info			
31341	Contra Costa	Briones Valley	23608	5	San Pablo auger	177-B	Bear Creek		no paleo info			
31342	Contra Costa	Briones Valley	23608	6	San Pablo auger	177-B	Bear Creek		no paleo info			
31343	Contra Costa	Briones Valley	23608	7A	San Pablo auger	177-B	Bear Creek		no paleo info			
31344	Contra Costa	Briones Valley	23608	7B	San Pablo auger	177-B	Bear Creek		no paleo info			
31345	Contra Costa	Briones Valley	23608	8	San Pablo auger	177-B	Bear Creek		no paleo info			
31346	Contra Costa	Briones Valley	23608	9	San Pablo auger	177-B	Bear Creek		no paleo info			
31347	Contra Costa	Briones Valley	23608	10	San Pablo auger	177-B	Bear Creek		no paleo info			
31348	Contra Costa	Briones Valley	23608	11	San Pablo auger	177-B	Bear Creek		no paleo info			
31349	Contra Costa	Briones Valley	23608	12	San Pablo auger	177-B	Bear Creek		no paleo info			
31350	Contra Costa	Briones Valley	23608	13	San Pablo auger	177-B	Bear Creek		no paleo info			
31351	Contra Costa	Briones Valley	23608	14	San Pablo auger	177-B	Bear Creek		no paleo info			
31352	Contra Costa	Briones Valley	23608	15	San Pablo auger	177-B	Bear Creek		no paleo info			
31353	Contra Costa	Briones Valley	23609	2	San Pablo auger	177-B	Sobrante Ridge		no paleo info			
31354	Contra Costa	Briones Valley	23609	3	San Pablo auger	177-B	Sobrante Ridge		no paleo info			
31355	Contra Costa	Briones Valley	23609	4	San Pablo auger	177-B	Sobrante Ridge		no paleo info			
31356	Contra Costa	Briones Valley	23609	5A	San Pablo auger	177-B	Sobrante Ridge		no paleo info			
31357	Contra Costa	Briones Valley	23609	5B	San Pablo auger	177-B	Sobrante Ridge		no paleo info			
31358	Contra Costa	Briones Valley	23609	6	San Pablo auger	177-B	Sobrante Ridge		no paleo info			
31359	Contra Costa	Briones Valley	23609	7	San Pablo auger	177-B	Sobrante Ridge		no paleo info			
31360	Contra Costa	Briones Valley	23609	8	San Pablo auger	177-B	Sobrante Ridge		no paleo info			
31361	Contra Costa	Briones Valley	23609	9	San Pablo auger	177-B	Sobrante Ridge		no paleo info			
31362	Contra Costa	Briones Valley	23609	10	San Pablo auger	177-B	Sobrante Ridge		no paleo info			

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
31703	Contra Costa	Briones Valley	23670		San Pablo Dam	177-K	Scow Canyon		no paleo info			
31704	Contra Costa	Briones Valley	23671		San Pablo Dam	177-K	Black Hills		no paleo info			
31705	Contra Costa	Briones Valley	23672		San Pablo Dam	177-K	Upper Bear Ck		no paleo info			
31706	Contra Costa	Briones Valley	23673		San Pablo Dam	177-K	Bear Creek		no paleo info			
31707	Contra Costa	Briones Valley	23673	1	San Pablo Dam	177-K	Bear Creek		no paleo info			
31708	Contra Costa	Briones Valley	23673	1A	San Pablo Dam	177-K	Bear Creek		no paleo info			
31709	Contra Costa	Briones Valley	23674		San Pablo Dam	177-K	Bear Creek		no paleo info			
31710	Contra Costa	Briones Valley	23675		San Pablo Dam	177-K	Pinole Creek		no paleo info			
31711	Contra Costa	Briones Valley	23676		San Pablo Dam	177-K			no paleo info			
31712	Solano	Vine Hill	23680	A	NW part of quad	177-M	Carquinez 15'		no paleo info			
31713	Solano	Vine Hill	23680	B	NW part of quad	177-M	Carquinez 15'		no paleo info			
31714	Solano	Benecia	23682		EC part of quad	177-M	Carquinez 15'		no paleo info			
31715	Contra Costa	Richmond	23687		NE part of quad	177-M	Carquinez 15'		no paleo info			
31716	Solano	Benecia	23689	2A	NW of Benecia	177-M	Carquinez 15'		UK G-2			
31717	Fresno	Ciervo Mountain	23699	A	NW part of quad	138-I	New Idria 15'	area H-3	Eocene			
31718	Kern	Santiago Creek	23700	6	Upper Santiago Ck	none			Upper Mohnian			
31719	Kern	Santiago Creek	23701	10	Santiago Ck	none	not on map		Lower Relizian			
31720	Kern	Santiago Creek	23701	11	Santiago Ck	none	not on map		not diagnostic			
31721	Kern	Santiago Creek	23701	12	Santiago Ck	none	not on map		not diagnostic			
31722	Kern	Santiago Creek	23701	13	Santiago Ck	none	not on map		Sauc/Relizian			
31723	Kern	Eagle Rest Peak	23702	3	Los Lobos Creek	none	not on map	area K-14	Upper Eocene			
31724	Kern	Eagle Rest Peak	23702	4	Los Lobos Creek	none	not on map		Upper Eocene			
31725	Kern	Eagle Rest Peak	23702	5	Los Lobos Creek	none	not on map		Upper Eocene			
31726	Kern	Santiago Creek	23704	1	SW part of quad	none	Snedden Ranch		not diagnostic			
31727	Kern	Santiago Creek	23704	2	SW part of quad	none	Snedden Ranch		not diagnostic			
31728	Kern	Santiago Creek	23704	7	SW part of quad	none	Snedden Ranch		Lower Miocene			
31729	Kern	Santiago Creek	23704	8	SW part of quad	none	Snedden Ranch		not diagnostic			
31730	Kern	Santiago Creek	23704	9	SW part of quad	none	Snedden Ranch		Zemorian			
31731	Kern	Santiago Creek	23704	10	SW part of quad	none	Snedden Ranch		not diagnostic			
31732	Kern	Santiago Creek	23704	11	SW part of quad	none	Snedden Ranch		Eocene			
31733	Kern	Santiago Creek	23704	12	SW part of quad	none	Snedden Ranch		not diagnostic			
31734	Kern	Santiago Creek	23704	19	SW part of quad	none	Snedden Ranch		not diagnostic			
31735	Kern	Santiago Creek	23705	2	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene			
31736	Kern	Santiago Creek	23705	3	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene			
31737	Kern	Santiago Creek	23705	4	SE part of quad	220-E	Santiago Plateau		Eocene			
31738	Kern	Santiago Creek	23705	5	SE part of quad	220-E	Santiago Plateau		Eocene			
31739	Kern	Santiago Creek	23705	6	SE part of quad	220-E	Santiago Plateau		Eocene			
31740	Kern	Santiago Creek	23705	7	SE part of quad	220-E	Santiago Plateau		Eocene			
31741	Kern	Santiago Creek	23705	8	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene			
31742	Kern	Santiago Creek	23705	9	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene			
31743	Kern	Santiago Creek	23705	10	SE part of quad	220-E	Santiago Plateau		Eocene			
31744	Kern	Santiago Creek	23705	11	SE part of quad	220-E	Santiago Plateau		Eocene			
31745	Kern	Santiago Creek	23705	12	SE part of quad	220-E	Santiago Plateau		Eocene			
31746	Kern	Santiago Creek	23705	14	SE part of quad	220-E	Santiago Plateau		Eocene			
31747	Kern	Santiago Creek	23705	15	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene			
31748	Kern	Santiago Creek	23705	16	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene			
31749	Kern	Santiago Creek	23705	17	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene			
31750	Kern	Santiago Creek	23705	18	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene			
31751	Kern	Santiago Creek	23706	1	SE part of quad	220-E	Santiago Plateau		Eocene			
31752	Kern	Santiago Creek	23706	2	SE part of quad	220-E	Santiago Plateau		Eocene			
31753	Kern	Santiago Creek	23706	3	SE part of quad	220-E	Santiago Plateau		Eocene			
31754	Kern	Santiago Creek	23706	4	SE part of quad	220-E	Santiago Plateau		Eocene			
31755	Kern	Santiago Creek	23706	7	SE part of quad	220-E	Santiago Plateau		Eocene			
31756	Kern	Santiago Creek	23706	8	SE part of quad	220-E	Santiago Plateau		Eocene			
31757	Kern	Santiago Creek	23706	11	SE part of quad	220-E	Santiago Plateau		Eocene			
31758	Kern	Santiago Creek	23707	3	center of quad	180-F			poss Zemorian	Darrow		
31759	Kern	Tejon Hills	23715	1	Comanche Creek	220-A			Upper Mohnian			
31760	Kern	Eagle Rest Peak	23717	2	NW part of quad	188-N			Upper Eocene			
31761	Kern	Eagle Rest Peak	23717	2A	NW part of quad	188-N		reworked	mixed Plio, Eoc, Mi			
31762	Kern	Eagle Rest Peak	23717	2B	NW part of quad	188-N		reworked	mixed Plio, Eoc, Mi			
31763	Kern	Eagle Rest Peak	23717	3	NW part of quad	188-N			Upper Eocene			
31764	Kern	Eagle Rest Peak	23718	1	NE part of quad	none		age from cast	Middle Miocene			
31765	Kern	Santiago Creek	23718	2	NE part of quad	188-N			Saucesian			
31766	Kern	Santiago Creek	23718	3	NE part of quad	188-N			not diagnostic			
31767	Kern	Eagle Rest Peak	23718	4	NW part of quad	188-N			Saucesian			
31768	Kern	Eagle Rest Peak	23718	5	NW part of quad	188-N			not diagnostic			
31769	Kern	Eagle Rest Peak	23718	6	NW part of quad	188-N			not diagnostic			
31770	Kern	Eagle Rest Peak	23718	7	NW part of quad	188-N			Pliocene?			
31771	Kern	Eagle Rest Peak	23718	8	NW part of quad	188-N			Pliocene?			
31772	Kern	Eagle Rest Peak	23718	9	NW part of quad	188-N			Pliocene?			
31773	Kern	Santiago Creek	23719	1	NE part of quad	188-N			Lower Miocene			
31774	Kern	Santiago Creek	23719	2	NE part of quad	188-N			not diagnostic			
31775	Kern	Santiago Creek	23720	1	NE part of quad	188-N			not diagnostic			
31776	Kern	Santiago Creek	23720	2	NE part of quad	188-N			not diagnostic			
31777	Kern	Santiago Creek	23720	3	NE part of quad	188-N			not diagnostic			
31778	Kern	Santiago Creek	23720	4	NE part of quad	188-N			not diagnostic			
31779	Kern	Santiago Creek	23720	5	NE part of quad	188-N			not diagnostic			
31780	Kern	Santiago Creek	23720	7	NE part of quad	188-N			not diagnostic			
31781	Kern	Santiago Creek	23721	1	NE part of quad	188-N			poss U Eocene			
31782	Kern	Santiago Creek	23721	2	NE part of quad	188-N			poss U Eocene			
31783	Kern	Santiago Creek	23721	3	NE part of quad	188-N			poss U Eocene			
31784	Kern	Santiago Creek	23721	4	NE part of quad	188-N			poss U Eocene			
31785	Kern	Santiago Creek	23721	5	NE part of quad	188-N			poss U Eocene			
31786	Kern	Santiago Creek	23721	6	NE part of quad	188-N			poss U Eocene			
31787	Kern	Santiago Creek	23721	7	NE part of quad	188-N			poss U Eocene			

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
31788	Kern	Santiago Creek	23722	1	NE part of quad	188-N			not diagnostic			
31789	Kern	Santiago Creek	23722	2	NE part of quad	188-N			not diagnostic			
31790	Kern	Santiago Creek	23723		Muddy Creek	188-N	crushed limestone	Discocyclina	Middle Eocene			
31791	Kern	Santiago Creek	23724	1	Muddy Creek	188-N			Eocene	EHH		
31792	Kern	Santiago Creek	23724	2	Muddy Creek	188-N			Eocene	EHH		
31793	Kern	Santiago Creek	23724	3	Muddy Creek	188-N			Eocene	EHH		
31794	Kern	Santiago Creek	23724	4	Muddy Creek	188-N			Eocene	EHH		
31795	Kern	Santiago Creek	23724	5	Muddy Creek	188-N			Eocene	EHH		
31796	Kern	Santiago Creek	23724	6	Muddy Creek	188-N			Eocene	EHH		
31797	Kern	Santiago Creek	23724	7	Muddy Creek	188-N			Eocene	EHH		
31798	Kern	Santiago Creek	23724	8	Muddy Creek	188-N			Eocene	EHH		
31799	Kern	Santiago Creek	23724	9	Muddy Creek	188-N			Eocene	EHH		
31800	Kern	Santiago Creek	23724	10	Muddy Creek	188-N			Eocene	EHH		
31801	Kern	Santiago Creek	23724	11	Muddy Creek	188-N			Eocene	EHH		
31802	San Luis Obispo	La Panza	23750		Willow Canyon	175-G	La Panza 15'		Middle Miocene	Elliott		
31803	San Luis Obispo	La Panza	23751		Willow Canyon	175-G	La Panza 15'		Middle Miocene	Elliott		
31804	San Luis Obispo	La Panza	23752		Willow Canyon	175-G	La Panza 15'		Relizian	Elliott		
31805	San Luis Obispo	La Panza	23753		Willow Canyon	175-G	La Panza 15'		not diagnostic	Elliott		
31806	San Luis Obispo	La Panza	23754		Willow Canyon	175-G	La Panza 15'		Lower Relizian	Elliott		
31807	San Luis Obispo	La Panza	23755		Willow Canyon	175-G	La Panza 15'		Middle Miocene	Elliott		
31808	San Luis Obispo	California Valley	23761		N of Hubbard Hill	175-G	La Panza 15'		Saucesian/Relizian	Elliott		
31809	San Luis Obispo	California Valley	23762		N of Hubbard Hill	175-G	La Panza 15'		not diagnostic	Elliott		
31810	San Luis Obispo	California Valley	23763	1	N of Hubbard Hill	175-G	La Panza 15'		Saucesian	Elliott		
31811	San Luis Obispo	La Panza	23763	2	N of Hubbard Hill	175-G	La Panza 15'		not diagnostic	Elliott		
31812	San Luis Obispo	La Panza	23763	3	N of Hubbard Hill	175-G	La Panza 15'		Relizian	Elliott		
31813	San Luis Obispo	La Panza	23767		Willow Canyon	175-G	La Panza 15'		no paleo info	Elliott		
31814	Humboldt	Petrolia	23821	hole A	near Petrolia	177-K	Cp Mendocino 15'	seismic hole	no paleo info			
31815	Humboldt	Petrolia	23821	hole A	near Petrolia	177-K	Cp Mendocino 15'	cores.	no paleo info			
31816	Humboldt	Petrolia	23821	hole B	near Petrolia	177-K	Cp Mendocino 15'	not on map	no paleo info			
31817	Humboldt	Petrolia	23821	hole B	near Petrolia	177-K	Cp Mendocino 15'	not on map	no paleo info			
31818	Humboldt	Petrolia	23821	hole B	near Petrolia	177-K	Cp Mendocino 15'	not on map	no paleo info			
31819	Humboldt	Petrolia	23821	hole C	near Petrolia	177-K	Cp Mendocino 15'	not on map	no paleo info			
31820	Stanislaus	Patterson	23835	SP30	Line 261	236-E	Little Salado Ck		no paleo info			
31821	Stanislaus	Patterson	23835	SP30	Line 261	236-E	Little Salado Ck		no paleo info			
31822	Stanislaus	Patterson	23835	SP31	Line 261	236-E	Little Salado Ck		no paleo info			
31823	Stanislaus	Patterson	23835	SP32	Line 261	236-E	Little Salado Ck		no paleo info			
31824	Stanislaus	Patterson	23835	SP32	Line 261	236-E	Little Salado Ck		no paleo info			
31825	Stanislaus	Patterson	23835	SP33	Line 261	236-E	Little Salado Ck		no paleo info			
31826	Stanislaus	Patterson	23835	SP34	Line 261	236-E	Little Salado Ck		no paleo info			
31827	Stanislaus	Patterson	23835	SP36	Line 261	236-E	Little Salado Ck		no paleo info			
31828	Stanislaus	Patterson	23835	SP38	Line 261	236-E	Little Salado Ck		no paleo info			
31829	Stanislaus	Patterson	23835	SP40	Line 261	236-E	Little Salado Ck		no paleo info			
31830	Stanislaus	Patterson	23835	SP42	Line 261	236-E	Little Salado Ck		no paleo info			
31831	Stanislaus	Patterson	23835	SP42	Line 261	236-E	Little Salado Ck		no paleo info			
31832	Stanislaus	Patterson	23835	SP44	Line 261	236-E	Little Salado Ck		no paleo info			
31833	Stanislaus	Patterson	23835	SP45	Line 261	236-E	Little Salado Ck		no paleo info			
31834	Stanislaus	Patterson	23835	SP46	Line 261	236-E	Little Salado Ck		no paleo info			
31835	Stanislaus	Patterson	23835	SP47	Line 261	236-E	Little Salado Ck		no paleo info			
31836	Stanislaus	Patterson	23835	SP48	Line 261	236-E	Little Salado Ck		no paleo info			
31837	Stanislaus	Patterson	23835	SP49	Line 261	236-E	Little Salado Ck		no paleo info			
31838	Stanislaus	Patterson	23835	SP50	Line 261	236-E	Little Salado Ck		no paleo info			
31839	Stanislaus	Patterson	23835	SP51	Line 261	236-E	Little Salado Ck		no paleo info			
31840	Stanislaus	Patterson	23835	SP52	Line 261	236-E	Little Salado Ck		no paleo info			
31841	Stanislaus	Patterson	23835	SP53	Line 261	236-E	Little Salado Ck		no paleo info			
31842	Monterey	San Lucas	23838	9	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
31843	Monterey	San Lucas	23838	10	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
31844	Monterey	San Lucas	23838	11	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
31845	Monterey	San Lucas	23838	12	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
31846	Monterey	San Lucas	23838	13	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
31847	Monterey	San Lucas	23838	14	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
31848	Monterey	San Lucas	23838	15	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
31849	Monterey	San Lucas	23838	16	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
31850	Monterey	San Lucas	23838	17	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
31851	Monterey	San Lucas	23838	18	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
31852	Monterey	San Lucas	23838	19	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
31853	Monterey	San Lucas	23838	20	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
31854	Monterey	San Lucas	23838	21	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
31855	Monterey	San Lucas	23838	22	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
31856	Monterey	San Lucas	23838	23	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
31857	Monterey	San Lucas	23838	24	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
31858	Monterey	San Lucas	23838	25	Line I-52	189-L	King City 15'	SW part quad	Upper Mohnian			
31859	Monterey	San Lucas	23838	26	Line I-52	189-L	King City 15'	SW part quad	Upper Mohnian			
31860	Monterey	San Lucas	23838	28	Line I-52	189-L	King City 15'	SW part quad	Upper Mohnian			
31861	Monterey	San Lucas	23838	29	Line I-52	189-L	King City 15'	SW part quad	Upper Mohnian			
31862	Monterey	San Lucas	23838	30	Line I-52	189-L	King City 15'	SW part quad	Upper Mohnian			
31863	Monterey	San Lucas	23838	31	Line I-52	189-L	King City 15'	SW part quad	Upper Mohnian			
31864	Monterey	San Lucas	23838	32	Line I-52	189-L	King City 15'	SW part quad	Upper Mohnian			
31865	Monterey	San Lucas	23838	33	Line I-52	189-L	King City 15'	SW part quad	Upper Mohnian			
31866	Monterey	Espinosa Canyon	23838	34	Line I-52	189-L	NW corner of quad		Upper Mohnian			
31867	Monterey	Espinosa Canyon	23838	35	Line I-52	189-L	NW corner of quad		Upper Mohnian			
31868	Monterey	Espinosa Canyon	23838	36	Line I-52	189-L	NW corner of quad		Upper Mohnian			
31869	Monterey	Espinosa Canyon	23838	38	Line I-52	189-L	NW corner of quad		Upper Mohnian			
31870	Monterey	Espinosa Canyon	23838	39	Line I-52	189-L	NW corner of quad		Upper Mohnian			
31871	Monterey	Espinosa Canyon	23838	41	Line I-52	189-L	NW corner of quad		Upper Mohnian			
31872	Monterey	Espinosa Canyon	23838	42	Line I-52	189-L	NW corner of quad		Upper Mohnian			

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ONE/SERIES/AGI	COLLECTORS		
32128	Stanislaus	Patterson	23845	9B	not on map	260-G	Seismic line Q-93		no paleo info			
32129	Stanislaus	Patterson	23845	10	not on map	260-G	Seismic line Q-93		no paleo info			
32130	Stanislaus	Patterson	23845	11	not on map	260-G	Seismic line Q-93		no paleo info			
32131	Stanislaus	Patterson	23845	11B	not on map	260-G	Seismic line Q-93		no paleo info			
32132	Stanislaus	Patterson	23845	12A	not on map	260-G	Seismic line Q-93		no paleo info			
32133	Stanislaus	Patterson	23845	12B	not on map	260-G	Seismic line Q-93		no paleo info			
32134	Stanislaus	Patterson	23845	13	not on map	260-G	Seismic line Q-93		no paleo info			
32135	Stanislaus	Patterson	23845	14	not on map	260-G	Seismic line Q-93		no paleo info			
32136	Stanislaus	Patterson	23845	15	not on map	260-G	Seismic line Q-93		no paleo info			
32137	Stanislaus	Patterson	23845	16	not on map	260-G	Seismic line Q-93		no paleo info			
32138	Stanislaus	Patterson	23845	17	not on map	260-G	Seismic line Q-93		no paleo info			
32139	Stanislaus	Patterson	23845	18	not on map	260-G	Seismic line Q-93		no paleo info			
32140	Stanislaus	Patterson	23845	19	not on map	260-G	Seismic line Q-93		no paleo info			
32141	Stanislaus	Patterson	23845	20	not on map	260-G	Seismic line Q-93		no paleo info			
32142	Stanislaus	Patterson	23845	21	not on map	260-G	Seismic line Q-93		no paleo info			
32143	Stanislaus	Patterson	23845	22	not on map	260-G	Seismic line Q-93		no paleo info			
32144	Stanislaus	Patterson	23845	23	not on map	260-G	Seismic line Q-93		no paleo info			
32145	Stanislaus	Orestimba Peak	23901	6	NE part quad	242-E		abun rads	no paleo info			
32146	Stanislaus	Orestimba Peak	23908	1	Orestimba Ck area	177-M			no paleo info			
32147	Stanislaus	Orestimba Peak	23908	2	Orestimba Ck area	177-M			no paleo info			
32148	Stanislaus	Orestimba Peak	23909	1	Orestimba Ck area	177-M			no paleo info			
32149	Stanislaus	Orestimba Peak	23909	2	Orestimba Ck area	177-M			no paleo info			
32150	Stanislaus	Orestimba Peak	23910	4	WC part of quad	177-M			no paleo info			
32151	Stanislaus	Newman	23912	1	SW corner quad	177-M			no paleo info			
32152	Stanislaus	Newman	23912	2	SW corner quad	177-M			no paleo info			
32153	Stanislaus	Newman	23912	3	SW corner quad	177-M			no paleo info			
32154	Stanislaus	Orestimba Peak	23912	6	Orestimba Ck area	177-M			no paleo info			
32155	Stanislaus	Orestimba Peak	23912	7	Orestimba Ck area	177-M			no paleo info			
32156	Stanislaus	Orestimba Peak	23914	3	Orestimba Ck area	177-M			no paleo info			
32157	Stanislaus	Orestimba Peak	23916	1	NE part quad	177-M			no paleo info			
32158	Humboldt	Redcrest	23922	1	E of Larabee	256-M	Weott 15'		no paleo info	Haynes		
32159	Humboldt	Redcrest	23922	3	E of Larabee	256-M	Weott 15'		no paleo info	Haynes		
32160	Humboldt	Redcrest	23922	4	E of Larabee	256-M	Weott 15'		no paleo info	Haynes		
32161	Humboldt	Redcrest	23924	2	Pepperwood	256-M	Weott 15'		no paleo info	Haynes		
32162	Humboldt	Redcrest	23924	3	Pepperwood	256-M	Weott 15'		no paleo info	Haynes		
32163	Humboldt	Scotia	23924	4	Stitz Creek	256-M	Scotia 15'		no paleo info	Haynes		
32164	Humboldt	Redcrest	23924	6	Pepperwood	256-M	Weott 15'		no paleo info	Haynes		
32165	Humboldt	Redcrest	23924	7	Pepperwood	256-M	Weott 15'		no paleo info	Haynes		
32166	Humboldt	Owl Creek	23925	1	Redwood House R	256-M	laqua Buttes 15'		no paleo info	Haynes		
32167	Humboldt	Owl Creek	23925	2	Redwood House R	256-M	laqua Buttes 15'		no paleo info	Haynes		
32168	Humboldt	Owl Creek	23925	3	Redwood House R	256-M	laqua Buttes 15'		no paleo info	Haynes		
32169	Kern	Santiago Creek	23972	1	NW part of quad	none	Cienega anticline		no paleo info			
32170	Kern	Santiago Creek	23972	2	NW part of quad	none	Cienega anticline		no paleo info			
32171	Kern	Santiago Creek	23972	3	NW part of quad	none	Cienega anticline		no paleo info			
32172	Kern	Santiago Creek	23972	7	NW part of quad	none	Cienega anticline		no paleo info			
32173	San Luis Obispo	Caliente Mountain	23975	1	Cuyama Valley	189-H			rich fauna	Luisian		
32174	San Luis Obispo	Caliente Mountain	23975	3	Cuyama Valley	189-H			rich fauna	Luisian		
32175	Humboldt	Scotia	24024	1	In Scotia	33-E	Scotia 15'		no paleo info			
32176	Humboldt	Fortuna	24038	1	SW part of quad	33-E	Fortuna 15'		no paleo info			
32177	Humboldt	Fortuna	24038	2	SW part of quad	33-E	Fortuna 15'		no paleo info			
32178	Humboldt	Ferndale	24039		SE corner of quad	33-E	Ferndale 15'		no paleo info			
32179	Humboldt	Scotia	24040	4	Eel River	33-E	Scotia 15'		no paleo info			
32180	Humboldt	Scotia	24040	5	Eel River	33-E	Scotia 15'		no paleo info			
32181	Humboldt	Scotia	24040	7	Eel River	33-E	Scotia 15'		no paleo info			
32182	Humboldt	Scotia	24040	9	Eel River	33-E	Scotia 15'		no paleo info			
32183	Humboldt	Scotia	24040	10	Eel River	33-E	Scotia 15'		no paleo info			
32184	Humboldt	Scotia	24040	11	Eel River	33-E	Scotia 15'		no paleo info			
32185	Humboldt	Scotia	24040	12	Eel River	33-E	Scotia 15'		no paleo info			
32186	Humboldt	Scotia	24040	13	Eel River	33-E	Scotia 15'		no paleo info			
32187	Humboldt	Scotia	24040	14	Eel River	33-E	Scotia 15'		no paleo info			
32188	Humboldt	Scotia	24040	15	Eel River	33-E	Scotia 15'		no paleo info			
32189	Humboldt	Scotia	24040	16	Eel River	33-E	Scotia 15'		no paleo info			
32190	Humboldt	Scotia	24040	17	Eel River	33-E	Scotia 15'		no paleo info			
32191	Humboldt	Scotia	24040	19	Eel River	33-E	Scotia 15'		no paleo info			
32192	Humboldt	Scotia	24040	20	Eel River	33-E	Scotia 15'		no paleo info			
32193	San Mateo	San Gregorio	24051	2	Pescadero Beach	99-F	5/8S/5W (SLP)	age on pollen	Cret/Paleocene			
32194	San Mateo	Pigeon Point	24062	1	Pigeon Point	99-F	24/8S/5W (SLP)		not diagnostic			
32195	San Mateo	La Honda	24065	1	Bloomquist Creek	99-F	4/8S/4W (SLP)		Eocene			
32196	San Mateo	Half Moon Bay	24070		Martins Beach	99-F	27/6S/5W (SLP)		Pliocene			
32197	Santa Cruz	Big Basin	24079	2	Big Basin Road	99-F			Lower Zemorrian			
32198	Santa Cruz	Castle Rock Ridge	24080		Kings Creek	99-F			Lower Zemorrian			
32199	Santa Cruz	Castle Rock Ridge	24081		Kings Creek	99-F			Refugian/Zem			
32200	Santa Cruz	Castle Rock Ridge	24082		Kings Creek	99-F			Zemorrian			
32201	Santa Cruz	Felton?	24083	A	not found	99-F			Middle Miocene			
32202	Santa Cruz	Felton?	24083	B	not found	99-F			Relizian			
32203	San Luis Obispo	Port San Luis	24084	1	NW part of quad	99-F	Have strat column		Mohnian			
32204	San Luis Obispo	Port San Luis	24084	2	NW part of quad	99-F			Mohnian			
32205	San Luis Obispo	Port San Luis	24084	3	NW part of quad	99-F			not diagnostic			
32206	San Luis Obispo	Port San Luis	24084	4	NW part of quad	99-F			not diagnostic			
32207	San Luis Obispo	Port San Luis	24084	5	NW part of quad	99-F			Mohnian			
32208	San Luis Obispo	Port San Luis	24084	6	NW part of quad	99-F			not diagnostic			
32209	San Luis Obispo	Port San Luis	24084	7	NW part of quad	99-F			Mohnian			
32210	San Luis Obispo	Port San Luis	24084	9	NW part of quad	99-F			Mohnian			
32211	San Luis Obispo	Port San Luis	24084	10	NW part of quad	99-F			Mohnian			
32212	San Luis Obispo	Port San Luis	24084	11	NW part of quad	99-F			not diagnostic			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
32213	San Luis Obispo	Port San Luis	24084	12	NW part of quad	99-F			not diagnostic			
32214	San Luis Obispo	Port San Luis	24084	13	NW part of quad	99-F			not diagnostic			
32215	San Luis Obispo	Port San Luis	24084	14	NW part of quad	99-F			not diagnostic			
32216	San Luis Obispo	Port San Luis	24084	15	NW part of quad	99-F			not diagnostic			
32217	San Luis Obispo	Port San Luis	24084	16	NW part of quad	99-F			not diagnostic			
32218	San Luis Obispo	Port San Luis	24084	17	NW part of quad	99-F			not diagnostic			
32219	San Luis Obispo	Port San Luis	24084	19	NW part of quad	99-F			not diagnostic			
32220	San Luis Obispo	Port San Luis	24084	20	NW part of quad	99-F			Mohnian			
32221	San Luis Obispo	Port San Luis	24084	21	NW part of quad	99-F			Mohnian			
32222	San Luis Obispo	Port San Luis	24084	22	NW part of quad	99-F			Mohnian			
32223	San Luis Obispo	Port San Luis	24084	23	NW part of quad	99-F			Mohnian			
32224	San Luis Obispo	Port San Luis	24084	26	NW part of quad	99-F			Mohnian			
32225	San Luis Obispo	Port San Luis	24084	27	NW part of quad	99-F			not diagnostic			
32226	San Luis Obispo	Port San Luis	24084	28	NW part of quad	99-F			not diagnostic			
32227	San Luis Obispo	Port San Luis	24084	29	NW part of quad	99-F			Mohnian			
32228	San Luis Obispo	Port San Luis	24084	30	NW part of quad	99-F			Luisian			
32229	San Luis Obispo	Port San Luis	24084	32	NW part of quad	99-F			not diagnostic			
32230	San Luis Obispo	Port San Luis	24085		NW part of quad	99-F			Luisian			
32231	San Luis Obispo	Morro Bay South	24086	1	Pt Buchon	99-G	see loc 5172 for	strat column	Miocene/Pliocene			
32232	San Luis Obispo	Morro Bay South	24086	2	Pt Buchon	99-G	see #24280		not diagnostic			
32233	San Luis Obispo	Morro Bay South	24086	3	Pt Buchon	99-G			barren			
32234	Monterey	Cone Peak	24387	2	Rattlesnake Creek	99-G			Upper Miocene			
32235	Monterey	Cone Peak	24387	3	Indians area	99-G			Upper Miocene			
32236	Monterey	Cone Peak	24087	4	Indians area	99-G			Lower Mohnian			
32237	Monterey	Cone Peak	24087	5	Indians area	99-G			Lower Mohnian			
32238	Monterey	Cone Peak	24087	6	Indians area	99-G			Lower Mohnian			
32239	Monterey	Cone Peak	24087	7	Indians area	99-G			Luisian			
32240	Monterey	Cone Peak	24087	8	Indians area	99-G			Luisian			
32241	Monterey	Cone Peak	24087	9	Indians area	99-G			Luisian			
32242	Monterey	Cone Peak	24088	6	NW part of quad	99-G			Cret/Paleocene			
32243	Monterey	Cone Peak	24088	9	NW part of quad	99-G			Upper Cretaceous			
32244	Monterey	Cone Peak	24088	12	NW part of quad	99-G			Cret/Paleocene			
32245	Monterey	Cone Peak	24088	13	NW part of quad	99-G			Cret/Paleocene			
32246	Monterey	Cone Peak	24088	14	NW part of quad	99-G			Cret/Paleocene			
32247	Monterey	Cone Peak	24089	7	Indians area	99-G			Upper Eocene			
32248	Monterey	Cone Peak	24089	8	Indians area	99-G			not diagnostic			
32249	Monterey	Cone Peak	24089	10	Indians area	99-G			prob Eocene			
32250	Monterey	Cone Peak	24089	11	Indians area	99-G			prob Eocene			
32251	San Luis Obispo	San Simeon	24090	2	San Simeon Point	99-G			not diagnostic			
32252	San Luis Obispo	San Simeon	24090	4	San Simeon Point	99-G			not diagnostic			
32253	San Luis Obispo	San Simeon	24090	5	San Simeon Point	99-G			not diagnostic			
32254	San Luis Obispo	San Simeon	24090	8	San Simeon Point	99-G			Mohnian			
32255	San Luis Obispo	San Simeon	24090	10	San Simeon Point	99-G			Upper Miocene			
32256	San Luis Obispo	San Simeon	24090	11	San Simeon Point	99-G			barren			
32257	San Luis Obispo	San Simeon	24090	12	San Simeon Point	99-G			Upper Miocene			
32258	San Luis Obispo	San Simeon	24090	13	San Simeon Point	99-G			Upper Miocene			
32259	San Luis Obispo	San Simeon	24090	15	San Simeon Point	99-G			not diagnostic			
32260	Mendocino	Point Arena	24091	2	Arena Cove	99-G	Pt Arena 15'		barren			
32261	Mendocino	Point Arena	24091	3	Arena Cove	99-G	Pt Arena 15'		Luisian			
32262	Mendocino	Point Arena	24091	4	Arena Cove	99-G	Pt Arena 15'		barren			
32263	Mendocino	Point Arena	24091	6	Arena Cove	99-G	Pt Arena 15'		Sauc/Mohnian			
32264	Mendocino	Point Arena	24091	10	Arena Cove	99-G	Pt Arena 15'		barren			
32265	Mendocino	Point Arena	24092	1	Pt Arena	99-G	Pt Arena 15'		Middle Miocene			
32266	Mendocino	Point Arena	24092	2	Pt Arena	99-G	Pt Arena 15'		Middle Miocene			
32267	Mendocino	Point Arena	24092	3	Pt Arena	99-G	Pt Arena 15'		Luisian			
32268	Mendocino	Point Arena	24094	3	Pt Arena	99-G	Pt Arena 15'		not diagnostic			
32269	Mendocino	Point Arena	24094	4	Pt Arena	99-G	Pt Arena 15'		L or M Miocene			
32270	Mendocino	Point Arena	24094	5	Pt Arena	99-G	Pt Arena 15'		L or M Miocene			
32271	Mendocino	Point Arena	24094	6	Pt Arena	99-G	Pt Arena 15'		poss M Miocene			
32272	Sonoma	Fort Ross	24095	1	At Fort Ross	99-G			not diagnostic			
32273	Sonoma	Fort Ross	24095	3	At Fort Ross	99-G			Cret/Paleocene			
32274	Sonoma	Fort Ross	24095	4	At Fort Ross	99-G			Eocene			
32275	Sonoma	Fort Ross	24095	5	At Fort Ross	99-G			not diagnostic			
32276	Sonoma	Fort Ross	24095	6	At Fort Ross	99-G			Eocene			
32277	Sonoma	Fort Ross	24095	7	At Fort Ross	99-G			barren			
32278	Marin	Bolinas	24280	7	In Bolinas	99-H			poss Pliocene			
32279	Marin	Bolinas	24280	10	In Bolinas	99-H			barren			
32280	Marin	Bolinas	24280	11	In Bolinas	99-H			poss U Miocene			
32281	Marin	Bolinas	24280	12	In Bolinas	99-H			not diagnostic			
32282	Marin	Bolinas	24280	13	In Bolinas	99-H			poss Pliocene			
32283	Marin	Bolinas	24280	14	In Bolinas	99-H			poss Pliocene			
32284	Marin	Bolinas	24280	15	In Bolinas	99-H			poss U Miocene			
32285	San Mateo	Montara Mtn	24281	1	Shelter Cove	101-H			not diagnostic			
32286	San Mateo	Montara Mtn	24281	3	Shelter Cove	101-H			not diagnostic			
32287	San Mateo	Montara Mtn	24281	4	Shelter Cove	101-H			not diagnostic			
32288	Solano	Mount Vaca	24536	1	Mix Canyon	107-N			no paleo info			
32289	Solano	Fairfield South	24537		prob Potrero Hills	107-N	6/4N/1W (SLP)	SLURP age	Paleocene			
32290	Monterey	Junipero Serra Peak	24542		Arroyo Seco	108-A			no paleo info			
32291	Monterey	Junipero Serra Peak	24542	A	Arroyo Seco	108-A			no paleo info			
32292	Monterey	Junipero Serra Peak	24543		Arroyo Seco	108-A			no paleo info			
32293	Monterey	Junipero Serra Peak	24543	RW	Arroyo Seco	108-A			no paleo info			
32294	Humboldt	Fortuna	24733	A	Price Creek	100-A	Fortuna 15'	not on map	no paleo info			
32295	Humboldt	Fortuna	24733	B	Price Creek	100-A	Fortuna 15'	not on map	no paleo info			
32296	Ventura	San Nicholas Island	24808		SW part Island	104-C			no paleo info			
32297	Ventura	San Nicholas Island	24812		S of airport	104-C			no paleo info			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
32298	Ventura	San Nicholas Island	24815		S of airport	104-C			no paleo info			
32299	Ventura	San Nicholas Island	24824		S of airport	104-C			no paleo info			
32300	Ventura	San Nicholas Island	24830		E end of island	104-C			no paleo info			
32301	Ventura	San Nicholas Island	24835		W tip of island	104-C			no paleo info			
32302	Ventura	San Nicholas Island	24846		W end of island	104-C			no paleo info			
32303	Ventura	San Nicholas Island	24851		W end of island	104-C			no paleo info			
32304	Ventura	San Nicholas Island	24856		E end of island	104-C			no paleo info			
32305	Ventura	San Nicholas Island	24857		E end of island	104-D			no paleo info			
32306	Ventura	San Nicholas Island	24878		SW of airport	104-D			no paleo info			
32307	Ventura	San Nicholas Island	24880		SW of airport	104-D			no paleo info			
32308	Ventura	San Nicholas Island	24882		SW of airport	104-D			no paleo info			
32309	Fresno	Curry Mountain	26947	A	Warthan Canyon	101-L	Coalinga 15'	age on slide	Cretaceous			
32310	Fresno	Smith Mtn	26949	B-1	NE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
32311	Fresno	Smith Mtn	26949	B-2	NE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
32312	Fresno	Smith Mtn	26949	B-3	NE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
32313	Fresno	Sherman Peak	26950	B	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
32314	Fresno	Sherman Peak	26950	D	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
32315	Fresno	Sherman Peak	26950	E	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
32316	Fresno	Sherman Peak	26950	F	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
32317	Fresno	Sherman Peak	26950	H	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
32318	Fresno	Sherman Peak	26950	I	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
32319	Fresno	Sherman Peak	26951		SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
32320	Fresno	Sherman Peak	26952	A	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
32321	Fresno	Sherman Peak	26953	B	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
32322	Fresno	Sherman Peak	26954		SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
32323	Fresno	Alcalde Hills	26956	B	NW part of quad	101-L	Coalinga 15'	age on slide	Cretaceous			
32324	Fresno	Priest Valley	26957	A	NW part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
32325	Fresno	Priest Valley	26957	B	NW part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
32326	Fresno	Priest Valley	26957	E	NW part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
32327	Santa Barbara	San Miguel Island Wet	27744	1	Simonton Cove	93-B			Cretaceous			
32328	Santa Barbara	San Miguel Island Wet	27744	3	Simonton Cove	93-B			Cretaceous			
32329	Santa Barbara	San Miguel Island Wet	27744	4	Simonton Cove	93-B			no paleo info			
32330	Santa Barbara	San Miguel Island Wet	27744	5	Simonton Cove	93-B			no paleo info			
32331	Santa Barbara	San Miguel Island Wet	27745	1	Green Mtn area	92-M			no paleo info			
32332	Santa Barbara	San Miguel Island Wet	27745	2	Green Mtn area	92-M			no paleo info			
32333	Santa Barbara	San Miguel Island Wet	27745	3	Green Mtn area	92-M			no paleo info			
32334	Santa Barbara	San Miguel Island Wet	27745	4	Green Mtn area	92-M			no paleo info			
32335	Santa Barbara	San Miguel Island Wet	27745	5	Green Mtn area	92-M			no paleo info			
32336	Santa Barbara	San Miguel Island Wet	27745	5	Green Mtn area	92-M			no paleo info			
32337	Santa Barbara	San Miguel Island Wet	27745	7	Green Mtn area	92-M			no paleo info			
32338	Santa Barbara	San Miguel Island Wet	27745	8	Green Mtn area	92-M			no paleo info			
32339	Santa Barbara	San Miguel Island Wet	27745	9	Green Mtn area	92-M			no paleo info			
32340	Santa Barbara	San Miguel Island Wet	27745	10	Green Mtn area	92-M			no paleo info			
32341	Santa Barbara	San Miguel Island Wet	27745	11	Green Mtn area	92-M			no paleo info			
32342	Santa Barbara	San Miguel Island Wet	27745	12	Green Mtn area	92-M			no paleo info			
32343	Santa Barbara	San Miguel Island Wet	27745	14	Green Mtn area	92-M			no paleo info			
32344	Santa Barbara	San Miguel Island Wet	27745	15	Green Mtn area	92-M			no paleo info			
32345	Santa Barbara	San Miguel Island Wet	27745	16	Green Mtn area	92-M			no paleo info			
32346	Santa Barbara	San Miguel Island Wet	27745	17	Green Mtn area	92-M			no paleo info			
32347	Santa Barbara	San Miguel Island Wet	27745	18	Green Mtn area	92-M			no paleo info			
32348	Santa Barbara	San Miguel Island Wet	27745	19	Green Mtn area	92-M			no paleo info			
32349	Santa Barbara	San Miguel Island Wet	27745	20	Green Mtn area	92-M			no paleo info			
32350	Santa Barbara	San Miguel Island Wet	27745	21	Green Mtn area	92-M			no paleo info			
32351	Santa Barbara	San Miguel Island Wet	27745	22	Green Mtn area	92-M			no paleo info			
32352	Santa Barbara	San Miguel Island Wet	27745	23	Green Mtn area	92-M			no paleo info			
32353	Santa Barbara	San Miguel Island Wet	27745	24	Green Mtn area	92-M			no paleo info			
32354	Santa Barbara	San Miguel Island Wet	27745	25	Green Mtn area	92-M			no paleo info			
32355	Santa Barbara	San Miguel Island Wet	27745	26	Green Mtn area	92-M			no paleo info			
32356	Santa Barbara	San Miguel Island Wet	27745	27	Green Mtn area	92-M			no paleo info			
32357	Santa Barbara	San Miguel Island Wet	27745	28	Green Mtn area	92-M			no paleo info			
32358	Santa Barbara	San Miguel Island Wet	27745	29	Green Mtn area	92-M			no paleo info			
32359	Santa Barbara	San Miguel Island Wet	27745	31	Green Mtn area	92-M			no paleo info			
32360	Santa Barbara	San Miguel Island Wet	27745	32	Green Mtn area	92-M			no paleo info			
32361	Santa Barbara	San Miguel Island Wet	27745	34	Green Mtn area	92-M			no paleo info			
32362	Santa Barbara	San Miguel Island Wet	27745	34	Green Mtn area	92-M			no paleo info			
32363	Santa Barbara	San Miguel Island Wet	27745	35	Green Mtn area	92-M			no paleo info			
32364	Santa Barbara	San Miguel Island Wet	27745	38	Green Mtn area	92-M			no paleo info			
32365	Santa Barbara	San Miguel Island Wet	27745	39	Green Mtn area	92-M			no paleo info			
32366	Santa Barbara	San Miguel Island Wet	27745	40	Green Mtn area	92-M			no paleo info			
32367	Santa Barbara	San Miguel Island Wet	27746	1	S Miguel Is	93-A			no paleo info			
32368	Santa Barbara	San Miguel Island Wet	27746	2	S Miguel Is	93-A			no paleo info			
32369	Santa Barbara	San Miguel Island Wet	27746	3	S Miguel Is	93-A			no paleo info			
32370	Santa Barbara	San Miguel Island Wet	27746	5	S Miguel Is	93-A			no paleo info			
32371	Santa Barbara	San Miguel Island Wet	27746	6	S Miguel Is	93-A			no paleo info			
32372	Santa Barbara	San Miguel Island Wet	27746	8	S Miguel Is	93-A			no paleo info			
32373	Santa Barbara	San Miguel Island Wet	27746	9	S Miguel Is	93-A			no paleo info			
32374	Santa Barbara	San Miguel Island Wet	27746	10	S Miguel Is	93-A			no paleo info			
32375	Santa Barbara	San Miguel Island Wet	27746	11	S Miguel Is	93-A			no paleo info			
32376	Santa Barbara	San Miguel Island Wet	27746	12	S Miguel Is	93-A			no paleo info			
32377	Santa Barbara	San Miguel Island Wet	27746	13	S Miguel Is	93-A			no paleo info			
32378	Santa Barbara	San Miguel Island Wet	27746	14	S Miguel Is	93-A			no paleo info			
32379	Santa Barbara	San Miguel Island Wet	27746	15	S Miguel Is	93-A			no paleo info			
32380	Contra Costa	Walnut Creek	28600		Marsh Creek Road 25-B	20/1N/2W (SLP)			no paleo info		Polugar	
32381	Contra Costa	Antioch South	28601		Marsh Creek Road 25-B	36/1N/1E (SLP)	SLURP age	U Cret H zone			Polugar	
32382	Contra Costa	Antioch South	28603		Deer Valley Road	25-B 32/1N/2E (SLP)	SLURP age	U Cret F zone			Polugar	

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS		ONE/SERIES/AG	COLLECTORS		
32383	Contra Costa	Antioch South	28604		Deer Valley Road	25-B	32/1N/2E (SLP)	MISC	no paleo info	Polugar		
32384	Contra Costa	Antioch South	28605		Marsh Creek	25-B	32/1N/2E (SLP)	SLURP age	U Cret F zone	Polugar		
32385	Contra Costa	Brentwood	28607		SW corner of quad	25-B	2/1S/2E (SLP)	age from map	Prob U Cret E zon	Polugar		
32386	Contra Costa	Brentwood	28608	1	SW corner of quad	25-B		age from map	Prob U Cret E zon	Polugar		
32387	Contra Costa	Brentwood	28608	1A	SW corner of quad	25-B		age from map	Prob U Cret E zon	Polugar		
32388	Contra Costa	Brentwood	28609		SW corner of quad	25-B		age from map	Prob U Cret E zon	Polugar		
32389	Contra Costa	Brentwood	28610		SW corner of quad	25-B		age from map	Prob U Cret E zon	Polugar		
32390	Contra Costa	Brentwood	28611		SW corner of quad	25-B		age from map	Prob U Cret E zon	Polugar		
32391	Contra Costa	Brentwood	28612		SW corner of quad	25-B		age from map	Prob U Cret E zon	Polugar		
32392	San Joaquin	Midway	28616		Central part of qd	25-B	8/3S/4E (SLP)	SLURP age	Cretaceous	Polugar		
32393	San Joaquin	Midway	28617		Central part of qd	25-B	8/3S/4E (SLP)	SLURP age	Cretaceous	Polugar		
32394	Contra Costa	Walnut Creek	28618		NW corner of quad	25-B	29/2N/2W (SLP)	SLURP age	Miocene	Polugar		
32395	Contra Costa	Walnut Creek	28619	1A	NW corner of quad	25-B	29/2N/2W (SLP)	SLURP age	Miocene	Polugar		
32396	Contra Costa	Walnut Creek	28620		NW corner of quad	25-B	29/2N/2W (SLP)	SLURP age	Miocene	Polugar		
32397	Napa	Napa	28622		Carneros Vly area	25-B			no paleo info	Polugar		
32398	Napa	Napa	28623		Carneros Vly area	25-B			no paleo info	Polugar		
32399	Napa	Napa	28624	1A	Carneros Vly area	25-B			no paleo info	Polugar		
32400	Napa	Napa	28625		Carneros Vly area	25-B			no paleo info	Polugar		
32401	Napa	Napa	28627	1A	Carneros Vly area	25-B			no paleo info	Polugar		
32402	Napa	Napa	28627	1B	Carneros Vly area	25-B			no paleo info	Polugar		
32403	Napa	Napa	28627	1C	Carneros Vly area	25-B			no paleo info	Polugar		
32404	not found		28628		Mt Diablo E-2	25-B		area E-4	no paleo info	Polugar		
32405	Napa	Capell Valley	28629		Markley Canyon	25-B			no paleo info	Polugar		
32406	Solano	Monticello Dam	28630	1	SW corner of quad	25-B			no paleo info	Polugar		
32407	Yolo	Brooks	28633		NE part of quad	25-B	area D-9	mapped as E	no paleo info	Polugar		
32408	Yolo	Brooks	28634		NE part of quad	25-B		mapped as K	no paleo info	Polugar		
32409	Siskiyou	Cottonwood Peak	28722	3	NE part of quad	260-H	Hornbrook 15'		no paleo info			
32410	Siskiyou	Cottonwood Peak	28722	4	NE part of quad	260-H	Hornbrook 15'		no paleo info			
32411	Siskiyou	Cottonwood Peak	28722	7A	NE part of quad	260-H	Hornbrook 15'		no paleo info			
32412	Siskiyou	Cottonwood Peak	28722	10	NE part of quad	260-H	Hornbrook 15'		no paleo info			
32413	Siskiyou	Cottonwood Peak	28722	11	NE part of quad	260-H	Hornbrook 15'		no paleo info			
32414	Siskiyou	Cottonwood Peak	28722	15	NE part of quad	260-H	Hornbrook 15'		no paleo info			
32415	Siskiyou	Cottonwood Peak	28722	16	NE part of quad	260-H	Hornbrook 15'		no paleo info			
32416	Siskiyou	Cottonwood Peak	28722	17	NE part of quad	260-H	Hornbrook 15'		no paleo info			
32417	Siskiyou	Cottonwood Peak	28722	18	NE part of quad	260-H	Hornbrook 15'		no paleo info			
32418	Santa Barbara	Gaviota	30479	1	Gaviota Beach	128-G	see strat column		Saucesian			
32419	Santa Barbara	Gaviota	30479	3	Gaviota Beach	128-G	for loc 30486		Saucesian			
32420	Santa Barbara	Gaviota	30479	4	Gaviota Beach	128-G			Saucesian			
32421	Santa Barbara	Tajiguas	30480	1	West of Capitan	118-I			no paleo info			
32422	Santa Barbara	Tajiguas	30480	2	West of Capitan	118-I			no paleo info			
32423	Santa Barbara	Santa Barbara	30481	1	S Barbara Point	118-I			no paleo info			
32424	Santa Barbara	Santa Barbara	30481	2	S Barbara Point	118-I			no paleo info			
32425	Santa Barbara	Santa Barbara	30481	5	S Barbara Point	118-I			Saucesian			
32426	Santa Barbara	Santa Barbara	30481	6	S Barbara Point	118-I			Saucesian			
32427	Santa Barbara	Dos Pueblos Canyon	30484	5	Naples area	118-I			no paleo info			
32428	Santa Barbara	Dos Pueblos Canyon	30484	6	Naples area	118-I			no paleo info			
32429	Santa Barbara	Dos Pueblos Canyon	30484	7	Naples area	118-I			no paleo info			
32430	Santa Barbara	Dos Pueblos Canyon	30484	8	Naples area	118-I	see strat column	loc 30488	Saucesian			
32431	Santa Barbara	Dos Pueblos Canyon	30484	10	Naples area	118-I			no paleo info			
32432	Santa Barbara	Dos Pueblos Canyon	30484	11	Naples area	118-I			no paleo info			
32433	Santa Barbara	Dos Pueblos Canyon	30484	13	Naples area	118-I			no paleo info			
32434	Santa Barbara	Santa Barbara	30485	4	S Barbara Point	118-I	Have strat column		Saucesian			
32435	Santa Barbara	Santa Barbara	30485	7	S Barbara Point	118-I			Saucesian			
32436	Santa Barbara	Santa Barbara	30485	8	S Barbara Point	118-I			Saucesian			
32437	Santa Barbara	Santa Barbara	30485	9	S Barbara Point	118-I			Saucesian			
32438	Santa Barbara	Santa Barbara	30485	10	S Barbara Point	118-I			Saucesian			
32439	Santa Barbara	Santa Barbara	30485	11	S Barbara Point	118-I			Saucesian			
32440	Santa Barbara	Santa Barbara	30485	12	S Barbara Point	118-I			Saucesian			
32441	Santa Barbara	Santa Barbara	30485	14	S Barbara Point	118-I			Saucesian			
32442	Santa Barbara	Santa Barbara	30485	16	S Barbara Point	118-I			Saucesian			
32443	Santa Barbara	Santa Barbara	30485	17	S Barbara Point	118-I			Saucesian			
32444	Santa Barbara	Santa Barbara	30485	19	S Barbara Point	101-D			not diagnostic			
32445	Santa Barbara	Santa Barbara	30485	20	S Barbara Point	101-D			not diagnostic			
32446	Santa Barbara	Santa Barbara	30485	22	S Barbara Point	101-D			not diagnostic			
32447	Santa Barbara	Gaviota	30486	1	Gaviota Beach	118-I	Have strat column		Saucesian			
32448	Santa Barbara	Gaviota	30486	2	Gaviota Beach	118-I			not diagnostic			
32449	Santa Barbara	Gaviota	30486	5	Gaviota Beach	118-I			Relizian			
32450	Santa Barbara	Gaviota	30486	15	Gaviota Beach	118-I			Upper Mohnian			
32451	Santa Barbara	Gaviota	30486	17	Gaviota Beach	118-I			Upper Mohnian			
32452	Santa Barbara	Gaviota	30486	18	Gaviota Beach	118-J			Upper Mohnian			
32453	Santa Barbara	Gaviota	30486	19	Gaviota Beach	118-J			Upper Mohnian			
32454	Santa Barbara	Gaviota	30486	20	Gaviota Beach	118-J			Upper Mohnian			
32455	Santa Barbara	Gaviota	30486	21	Gaviota Beach	128-G			Upper Mohnian			
32456	Santa Barbara	Gaviota	30486	22A	Gaviota Beach	128-G			Upper Mohnian			
32457	Santa Barbara	Gaviota	30486	36	Gaviota Beach	128-G			no paleo info			
32458	Santa Barbara	Santa Barbara	30487	1	SW part of quad	118-H	ages from paleo		Middle Miocene			
32459	Santa Barbara	Santa Barbara	30487	2	SW part of quad	118-H	cards and Kleinpell		Middle Miocene			
32460	Santa Barbara	Santa Barbara	30487	3	SW part of quad	118-H			not diagnostic			
32461	Santa Barbara	Santa Barbara	30487	6A	SW part of quad	118-H			Middle Miocene			
32462	Santa Barbara	Santa Barbara	30487	7A	SW part of quad	118-H			no paleo info			
32463	Santa Barbara	Santa Barbara	30487	8	SW part of quad	118-H			M or U Miocene			
32464	Santa Barbara	Santa Barbara	30487	9	SW part of quad	118-H			M or U Miocene			
32465	Santa Barbara	Santa Barbara	30487	10A	SW part of quad	118-H			M or U Miocene			
32466	Santa Barbara	Santa Barbara	30487	11	SW part of quad	118-H			M or U Miocene			
32467	Santa Barbara	Santa Barbara	30487	12	SW part of quad	118-H			not diagnostic			

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1	COUNTY	USGS 7.5 QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
32468	Santa Barbara	Santa Barbara	30487	13	SW part of quad	118-H						not diagnostic
32469	Santa Barbara	Santa Barbara	30487	14	SW part of quad	118-H						not diagnostic
32470	Santa Barbara	Goleta	30487	15	SE part of quad	118-H						not diagnostic
32471	Santa Barbara	Goleta	30487	16	SE part of quad	118-H						not diagnostic
32472	Santa Barbara	Dos Pueblos Canyon	30488	1	Naples area	118-G		Have strat column.				Lower Miocene
32473	Santa Barbara	Dos Pueblos Canyon	30488	3	Naples area	118-G	Ages from paleo					Saucesian
32474	Santa Barbara	Dos Pueblos Canyon	30488	4A	Naples area	118-G	cards and Kleinpell	abun planktics				L or M Miocene
32475	Santa Barbara	Dos Pueblos Canyon	30488	7	Naples area	118-G						not diagnostic
32476	Santa Barbara	Dos Pueblos Canyon	30488	11A	Naples area	118-G						Lower Miocene
32477	Santa Barbara	Dos Pueblos Canyon	30488	12	Naples area	118-G						not diagnostic
32478	Santa Barbara	Dos Pueblos Canyon	30488	13A	Naples area	118-G						not diagnostic
32479	Santa Barbara	Dos Pueblos Canyon	30488	14	Naples area	118-G						L or M Miocene
32480	Santa Barbara	Dos Pueblos Canyon	30488	16A	Naples area	118-G						not diagnostic
32481	Santa Barbara	Dos Pueblos Canyon	30488	17	Naples area	118-G						Saucesian
32482	Santa Barbara	Dos Pueblos Canyon	30488	19	Naples area	118-G						Middle Miocene
32483	Santa Barbara	Dos Pueblos Canyon	30488	20A	Naples area	118-G						Middle Miocene
32484	Santa Barbara	Dos Pueblos Canyon	30488	21	Naples area	118-G						Middle Miocene
32485	Santa Barbara	Dos Pueblos Canyon	30488	22	Naples area	118-G						Middle Miocene
32486	Santa Barbara	Dos Pueblos Canyon	30488	23	Naples area	118-G						not diagnostic
32487	Santa Barbara	Dos Pueblos Canyon	30488	24A	Naples area	118-G						not diagnostic
32488	Santa Barbara	Dos Pueblos Canyon	30488	25A	Naples area	118-G						not diagnostic
32489	Santa Barbara	Dos Pueblos Canyon	30488	26A	Naples area	118-G						not diagnostic
32490	Santa Barbara	Dos Pueblos Canyon	30488	27	Naples area	118-G						not diagnostic
32491	Santa Barbara	Dos Pueblos Canyon	30488	28A	Naples area	118-G						not diagnostic
32492	San Luis Obispo	Morro Bay South	30492	4	Islay Creek	118-G						not diagnostic
32493	Santa Barbara	Tajiguas	30493	1	East of Capitan	118-H		Have strat column				Saucesian
32494	Santa Barbara	Tajiguas	30493	3	East of Capitan	118-H						Saucesian
32495	Santa Barbara	Tajiguas	30493	5	East of Capitan	118-H						Saucesian
32496	Santa Barbara	Tajiguas	30493	6	East of Capitan	118-I						Saucesian
32497	Santa Barbara	Tajiguas	30493	8	East of Capitan	118-I						Relizian
32498	Santa Barbara	Tajiguas	30493	9	East of Capitan	118-I						Luisian
32499	Santa Barbara	Tajiguas	30493	10	East of Capitan	118-I						Lower Mohnian
32500	Santa Barbara	Tajiguas	30493	12	East of Capitan	118-I						Lower Mohnian
32501	Santa Barbara	Tajiguas	30493	14	East of Capitan	118-I						Middle Mohnian
32502	Santa Barbara	Tajiguas	30493	15	East of Capitan	118-I						Middle Mohnian
32503	Santa Barbara	Tajiguas	30493	16	East of Capitan	118-I						Middle Mohnian
32504	Santa Barbara	Tajiguas	30493	20	East of Capitan	118-I						Middle Mohnian
32505	Santa Barbara	Tajiguas	30493	22	East of Capitan	118-I						barren
32506	Santa Barbara	Point Conception	30494	5	Wood Canyon	118-G		Have strat column				Middle Miocene
32507	Santa Barbara	Point Conception	30494	6	Wood Canyon	118-G						Middle Miocene
32508	Santa Barbara	Point Conception	30494	9	Wood Canyon	118-G						Middle Miocene
32509	Santa Barbara	Point Conception	30494	11	Wood Canyon	118-G						Middle Miocene
32510	Santa Barbara	Point Conception	30494	12	Wood Canyon	118-G						Middle Miocene
32511	Santa Barbara	Point Conception	30494	13	Wood Canyon	118-G						Middle Miocene
32512	Santa Barbara	Goleta	30495	1	Hope Ranch coast	128-H		Have strat column				Mohnian
32513	Santa Barbara	Goleta	30495	5	Hope Ranch coast	128-H						Mohnian
32514	Santa Barbara	Goleta	30495	7	Hope Ranch coast	128-H						Mohnian
32515	Santa Barbara	Goleta	30495	10	Hope Ranch coast	128-H						Mohnian
32516	Santa Barbara	Goleta	30495	11	Hope Ranch coast	128-H						Mohnian
32517	Santa Barbara	Goleta	30495	13	Hope Ranch coast	128-H						Mohnian
32518	Santa Barbara	Goleta	30495	14	Hope Ranch coast	128-H						Mohnian
32519	Santa Barbara	Goleta	30495	15	Hope Ranch coast	128-H						Mohnian
32520	Santa Barbara	Goleta	30495	16	Hope Ranch coast	128-H						Mohnian
32521	Santa Barbara	Foxen Canyon	30928		NW part of quad	128-G						no paleo info
32522	Santa Barbara	Foxen Canyon	30929		NW part of quad	128-G						no paleo info
32523	Santa Barbara	Foxen Canyon	30930		NW part of quad	128-G						no paleo info
32524	Ventura	Rancho Nuevo Creek	30961	1	SE part of quad	118-I						L or M Miocene
32525	Ventura	Matilija	30962	A	SC part of quad	101-D						no paleo info
32526	Santa Barbara	White Ledge Peak	30963	1	SW corner of quad	101-D	Ages from paleo	abun planktics				Miocene
32527	Santa Barbara	White Ledge Peak	30963	1	SW corner of quad	118-I	cards and Kleinpell					no paleo info
32528	Santa Barbara	White Ledge Peak	30963	3	SW corner of quad	101-D		abun planktics				Miocene
32529	Santa Barbara	White Ledge Peak	30963	3	SW corner of quad	118-I						no paleo info
32530	Santa Barbara	White Ledge Peak	30963	5	SW corner of quad	118-I						prob L Miocene
32531	Santa Barbara	White Ledge Peak	30963	6	SW corner of quad	118-I						Saucesian
32532	Santa Barbara	Point Sal	30964	7	near Mussel Rock	118-I		Have strat column				M or U Miocene
32533	Santa Barbara	Point Sal	30964	9	near Mussel Rock	118-I						Middle Miocene
32534	Santa Barbara	Point Sal	30964	10	near Mussel Rock	118-I						Middle Miocene
32535	San Luis Obispo	Morro Bay South	30965	8	coastal area	121-J		Have strat column				Mohnian
32536	Santa Barbara	Point Conception	30966	11	Wood Canyon	121-J						not diagnostic
32537	Santa Barbara	Point Conception	30966	14	Wood Canyon	121-J						not diagnostic
32538	Santa Barbara	Point Conception	30966	15	Wood Canyon	118-H						prob Mohnian
32539	Sonoma	Fort Ross	30968		At Fort Ross	99-H						Middle Miocene
32540	Sonoma	Fort Ross	30968	RW	At Fort Ross	99-H						no paleo info
32541	Sonoma	Plantation	30969	2	Along whole coast	99-H						Cret/Paleocene
32542	Sonoma	Plantation	30969	3	Along whole coast	99-H						barren
32543	Sonoma	Plantation	30969	5	Along whole coast	99-H						Cret/Paleocene
32544	Sonoma	Plantation	30969	8	Along whole coast	99-H						Tertiary
32545	Sonoma	Plantation	30969	12	Along whole coast	99-H						Lower Eocene
32546	Sonoma	Plantation	30969	17	Along whole coast	99-H						not diagnostic
32547	Sonoma	Plantation	30969	19	Along whole coast	99-H						Eocene
32548	Sonoma	Plantation	30969	21	Along whole coast	99-H						not diagnostic
32549	Sonoma	Plantation	30969	23	Along whole coast	99-H						poss Eocene
32550	Sonoma	Plantation	30969	25	Along whole coast	99-H						Lower Eocene
32551	Sonoma	Plantation	30969	27	Along whole coast	99-H						Lower Eocene
32552	Sonoma	Plantation	30969	28	Along whole coast	99-H						Lower Eocene

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
32553	Sonoma	Plantation	30969	30	Along whole coast	99-H			Lower Eocene			
32554	Sonoma	Plantation	30969	31	Along whole coast	99-H			barren			
32555	Sonoma	Plantation	30969	36	Along whole coast	99-H			not diagnostic			
32556	Sonoma	Plantation	30969	37	Along whole coast	99-H			Lower Eocene			
32557	Sonoma	Plantation	30969	40	Along whole coast	99-H			not diagnostic			
32558	Sonoma	Plantation	30969	42	Along whole coast	99-H			not diagnostic			
32559	Sonoma	Plantation	30969	43	Along whole coast	99-H			Paleocene/Eocene			
32560	Sonoma	Plantation	30969	45	Along whole coast	99-H			Tertiary			
32561	Sonoma	Plantation	30969	46	Along whole coast	99-H			not diagnostic			
32562	Sonoma	Stewarts Point	30970	2	Along the coast	99-H			Lower Eocene			
32563	Sonoma	Stewarts Point	30970	3	Along the coast	99-H			not diagnostic			
32564	Sonoma	Stewarts Point	30970	4	Along the coast	99-H			not diagnostic			
32565	Sonoma	Stewarts Point	30970	6	Along the coast	99-H			poss Eocene			
32566	Sonoma	Stewarts Point	30970	7	Along the coast	99-H			not diagnostic			
32567	Sonoma	Stewarts Point	30970	12	Along the coast	99-H			U Cret D/E zones			
32568	Sonoma	Stewarts Point	30970	14	Along the coast	99-H			U Cret E zone			
32569	Sonoma	Stewarts Point	30970	17	Along the coast	99-H			not diagnostic			
32570	Sonoma	Stewarts Point	30970	19	Along the coast	99-H			Cretaceous			
32571	Sonoma	Stewarts Point	30970	20	Along the coast	99-H			U Cret D/E zones			
32572	Sonoma	Stewarts Point	30970	21	Along the coast	99-H			not diagnostic			
32573	San Luis Obispo	Cambria	30971	2	Along the coast	99-H			Upper Cretaceous			
32574	San Luis Obispo	Cambria	30972	1	Along the coast	99-H		pollen date	poss U Cretaceous			
32575	San Luis Obispo	Cambria	30973	1	Along the coast	99-H			not diagnostic			
32576	San Luis Obispo	Cambria	30974	2	Along the coast	99-H		pollen date	Upper Cretaceous			
32577	San Luis Obispo	Cypress Mountain	30978		SW of Cypress Mt	99-H			not diagnostic			
32578	San Luis Obispo	Cypress Mountain	30979		SW of Cypress Mt	99-H			not diagnostic			
32579	San Luis Obispo	Cypress Mountain	30981	1	SW of Cypress Mt	99-H			Luisian?			
32580	San Luis Obispo	Cypress Mountain	30981	2	SW of Cypress Mt	99-H			Middle Miocene			
32581	San Luis Obispo	Cypress Mountain	30981	3	SW of Cypress Mt	99-H			Middle Miocene			
32582	San Luis Obispo	Cypress Mountain	30981	4	SW of Cypress Mt	99-H			Lower Saucian			
32583	San Luis Obispo	Cypress Mountain	30981	5	SW of Cypress Mt	99-H			Saucian			
32584	San Luis Obispo	Pismo Beach	30983	1	E of Avila Beach	99-H	Arroyo Grande 15'		Middle Miocene			
32585	San Luis Obispo	Pismo Beach	30983	2	E of Avila Beach	99-H	Arroyo Grande 15'		Relizian			
32586	San Luis Obispo	Pismo Beach	30983	3	E of Avila Beach	99-H	Arroyo Grande 15'		Relizian			
32587	San Luis Obispo	Pismo Beach	30983	4	E of Avila Beach	99-H	Arroyo Grande 15'		barren			
32588	San Luis Obispo	Pismo Beach	30983	5	E of Avila Beach	99-H	Arroyo Grande 15'		not diagnostic			
32589	San Luis Obispo	Pismo Beach	30983	6	E of Avila Beach	99-H	Arroyo Grande 15'		not diagnostic			
32590	San Luis Obispo	Pismo Beach	30983	7	E of Avila Beach	99-H	Arroyo Grande 15'		Lower Mohnian			
32591	San Luis Obispo	Pismo Beach	30983	8	E of Avila Beach	99-H	Arroyo Grande 15'		barren			
32592	San Luis Obispo	Pismo Beach	30983	9	E of Avila Beach	99-H	Arroyo Grande 15'		not diagnostic			
32593	San Luis Obispo	Pismo Beach	30983	10	E of Avila Beach	99-H	Arroyo Grande 15'		Lower Mohnian			
32594	San Luis Obispo	Pismo Beach	30983	11	E of Avila Beach	99-H	Arroyo Grande 15'		Lower Mohnian			
32595	San Luis Obispo	Pismo Beach	30983	12	E of Avila Beach	99-H	Arroyo Grande 15'		Upper Miocene			
32596	San Luis Obispo	Pismo Beach	30983	13	E of Avila Beach	99-H	Arroyo Grande 15'		not diagnostic			
32597	San Luis Obispo	Pismo Beach	30983	14	E of Avila Beach	99-H	Arroyo Grande 15'		not diagnostic			
32598	San Luis Obispo	Pismo Beach	30983	15	E of Avila Beach	99-H	Arroyo Grande 15'		not diagnostic			
32599	San Luis Obispo	Pismo Beach	30983	16	E of Avila Beach	99-H	Arroyo Grande 15'		not diagnostic			
32600	San Luis Obispo	Pismo Beach	30983	17	E of Avila Beach	99-H	Arroyo Grande 15'		not diagnostic			
32601	San Luis Obispo	Pismo Beach	30983	18	E of Avila Beach	99-H	Arroyo Grande 15'		not diagnostic			
32602	San Luis Obispo	Port San Luis	30984		NE part quad	99-H			Upper Relizian			
32603	San Luis Obispo	Morro Bay North	30989		center of quad	99-H	Cayucos 15'		Relizian			
32604	Kern	Packwood Creek	33835	1A	SE part of quad	121-G			no paleo info	Kraetsch		
32605	Kern	Packwood Creek	33835	1B	SE part of quad	121-G			no paleo info	Kraetsch		
32606	Kern	Packwood Creek	33835	3	SE part of quad	121-G			no paleo info	Kraetsch		
32607	Kern	Packwood Creek	33835	5	SE part of quad	121-G			no paleo info	Kraetsch		
32608	Kern	Packwood Creek	33835	6	SE part of quad	121-G			no paleo info	Kraetsch		
32609	Kern	Packwood Creek	33835	9	SE part of quad	121-G			no paleo info	Kraetsch		
32610	Kern	Packwood Creek	33835	10	SE part of quad	121-G			no paleo info	Kraetsch		
32611	Kern	Packwood Creek	33835	11	SE part of quad	121-G			no paleo info	Kraetsch		
32612	Kern	Packwood Creek	33835	13	SE part of quad	121-G			no paleo info	Kraetsch		
32613	Kern	McKittrick summit	33836	1	NC part of quad	121-J	Temblor Range		no paleo info	Kraetsch		
32614	Kern	McKittrick summit	33836	2A	NC part of quad	121-J	Temblor Range		no paleo info	Kraetsch		
32615	Kern	McKittrick summit	33836	3	NC part of quad	121-J	Temblor Range		no paleo info	Kraetsch		
32616	Kern	Careros Rocks	33837	1	Salt Creek	121-G			no paleo info	Kraetsch		
32617	Kern	Careros Rocks	33837	2	Salt Creek	121-G			no paleo info	Kraetsch		
32618	Kern	Careros Rocks	33837	3A	Salt Creek	121-G			no paleo info	Kraetsch		
32619	Kern	Careros Rocks	33837	4	Salt Creek	121-G			no paleo info	Kraetsch		
32620	Kern	Careros Rocks	33837	5	Salt Creek	121-G			no paleo info	Kraetsch		
32621	Kern	Careros Rocks	33837	6	Salt Creek	121-G			no paleo info	Kraetsch		
32622	Kern	Las Yeguas Ranch	33838	1A	Media Agua Creek	121-M			no paleo info	Kraetsch		
32623	Kern	Las Yeguas Ranch	33838	2A	Media Agua Creek	121-M			no paleo info	Kraetsch		
32624	Kern	Las Yeguas Ranch	33838	3	Media Agua Creek	121-M			no paleo info	Kraetsch		
32625	Kern	Las Yeguas Ranch	33838	4	Media Agua Creek	121-M			no paleo info	Kraetsch		
32626	Kern	Las Yeguas Ranch	33838	5	Media Agua Creek	121-M			no paleo info	Kraetsch		
32627	Kern	Las Yeguas Ranch	33838	6	Media Agua Creek	121-M			no paleo info	Kraetsch		
32628	Kern	Las Yeguas Ranch	33838	7	Media Agua Creek	121-M			no paleo info	Kraetsch		
32629	Kern	Las Yeguas Ranch	33838	8	Media Agua Creek	121-M			no paleo info	Kraetsch		
32630	Kern	Las Yeguas Ranch	33838	9	Media Agua Creek	121-M			no paleo info	Kraetsch		
32631	Kern	Las Yeguas Ranch	33838	10	Media Agua Creek	121-M			no paleo info	Kraetsch		
32632	Kern	Las Yeguas Ranch	33839	1	center of quad	121-M			no paleo info	Kraetsch		
32633	Kern	Las Yeguas Ranch	33839	2	center of quad	121-I			no paleo info	Kraetsch		
32634	Kern	Las Yeguas Ranch	33840		NW part of quad	121-I			no paleo info			
32635	Kern	Careros Rocks	33841	9	SW part of quad	121-F			no paleo info			
32636	Kern	Careros Rocks	33841	10	SW part of quad	121-F			no paleo info			
32637	Kern	Careros Rocks	33842	1	Careros Canyon	121-H			no paleo info			

1	A	B	C	D	E	F	G	H	I	J	K	L
	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
32638	Kern	Carneros Rocks	33842	2A	Carneros Canyon	121-H			no paleo info			
32639	Kern	Carneros Rocks	33842	3	Carneros Canyon	121-H			no paleo info			
32640	Kern	Carneros Rocks	33842	4	Carneros Canyon	121-H			no paleo info			
32641	Kern	Carneros Rocks	33842	6	Carneros Canyon	121-H			no paleo info			
32642	Kern	Carneros Rocks	33842	8	Carneros Canyon	121-H			no paleo info			
32643	San Luis Obispo	Las Yeguas Ranch	33845	2	center of quad	121-B			no paleo info			
32644	San Luis Obispo	Las Yeguas Ranch	33845	3	center of quad	121-B			no paleo info			
32645	San Luis Obispo	Las Yeguas Ranch	33845	6	center of quad	121-B			no paleo info			
32646	San Luis Obispo	Las Yeguas Ranch	33845	7	center of quad	121-B			no paleo info			
32647	San Luis Obispo	Las Yeguas Ranch	33845	8	center of quad	121-B			no paleo info			
32648	San Luis Obispo	Las Yeguas Ranch	33845	9	center of quad	121-B			no paleo info			
32649	Kern	Reward	34982	1	McKittrick	130-F			no paleo info			
32650	Santa Barbara	Tajiguas	34996	1	At Capitan	126-B			no paleo info			
32651	Santa Barbara	Tajiguas	34996	2	At Capitan	126-B			no paleo info			
32652	Colusa	Rumsey	35107		Sand Ck Rumsey	130-B		age from slide	U Cret G-1 zone			
32653	Colusa	Rumsey	35112		Salt Ck Rumsey	130-B			no paleo info			
32654	Yolo	Rumsey	35113		Salt Ck Rumsey	130-B			no paleo info			
32655	Colusa	Rumsey	35117	A	Salt Ck Rumsey	130-B			no paleo info			
32656	Colusa	Rumsey	35117	B	Salt Ck Rumsey	130-B			no paleo info			
32657	Colusa	Rumsey	35117	C	Salt Ck Rumsey	130-B			no paleo info			
32658	Colusa	Rumsey	35118		center of quad	130-B	Dobbins sh		no paleo info			
32659	Humboldt	Briceland	35882	2	not on map	126-I	Garberville 15'		Saucesian			
32660	Humboldt	Briceland	35882	4	not on map	126-I	Garberville 15'		Saucesian			
32661	San Luis Obispo	Las Yeguas Ranch	36786	119	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32662	San Luis Obispo	Las Yeguas Ranch	36786	123	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32663	San Luis Obispo	Las Yeguas Ranch	36786	129	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32664	San Luis Obispo	Las Yeguas Ranch	36786	138	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32665	San Luis Obispo	Las Yeguas Ranch	36786	146	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32666	San Luis Obispo	Las Yeguas Ranch	36786	151	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32667	San Luis Obispo	Las Yeguas Ranch	36786	157	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32668	San Luis Obispo	Las Yeguas Ranch	36786	163	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32669	San Luis Obispo	Las Yeguas Ranch	36786	167	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32670	San Luis Obispo	Las Yeguas Ranch	36786	171	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32671	San Luis Obispo	Las Yeguas Ranch	36786	177	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32672	San Luis Obispo	Las Yeguas Ranch	36786	185	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32673	San Luis Obispo	Las Yeguas Ranch	36786	189	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32674	San Luis Obispo	Las Yeguas Ranch	36786	193	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32675	San Luis Obispo	Las Yeguas Ranch	36786	197	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32676	San Luis Obispo	Las Yeguas Ranch	36786	208	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32677	San Luis Obispo	Las Yeguas Ranch	36786	215	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32678	San Luis Obispo	Las Yeguas Ranch	36786	227	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32679	San Luis Obispo	Las Yeguas Ranch	36786	229	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32680	San Luis Obispo	Las Yeguas Ranch	36786	234	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32681	San Luis Obispo	Las Yeguas Ranch	36786	235	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32682	San Luis Obispo	Las Yeguas Ranch	36786	241	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32683	San Luis Obispo	Las Yeguas Ranch	36786	245	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32684	San Luis Obispo	Las Yeguas Ranch	36786	249	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32685	San Luis Obispo	Las Yeguas Ranch	36786	255	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32686	San Luis Obispo	Las Yeguas Ranch	36786	263	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32687	San Luis Obispo	Las Yeguas Ranch	36786	267	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
32688	San Luis Obispo	Las Yeguas Ranch	36806		SE part of quad	136-J			no paleo info			
32689	San Luis Obispo	Las Yeguas Ranch	36808		SE part of quad	136-J			no paleo info			
32690	San Luis Obispo	Las Yeguas Ranch	36818		not found	136-J			no paleo info			
32691	San Luis Obispo	Las Yeguas Ranch	36819		not found	136-J			no paleo info			
32692	San Luis Obispo	Las Yeguas Ranch	36820		not found	136-J			no paleo info			
32693	San Luis Obispo	Las Yeguas Ranch	36823		SE part of quad	136-J			no paleo info			
32694	San Luis Obispo	Las Yeguas Ranch	36827		McLain Spring	136-J			no paleo info			
32695	San Luis Obispo	Las Yeguas Ranch	36831		McLain Spring	136-J			no paleo info			
32696	San Luis Obispo	Las Yeguas Ranch	36836		McLain Spring	136-J			no paleo info			
32697	San Luis Obispo	Las Yeguas Ranch	36849		center of quad	136-J			no paleo info			
32698	Solano	Elmira	41931	20	Seis VP484	121-H		3/5N/1W	no paleo info			
32699	Solano	Elmira	41931	40	Seis VP484	121-H			no paleo info			
32700	Solano	Elmira	41931	60	Seis VP484	121-H			no paleo info			
32701	Solano	Elmira	41931	80	Seis VP484	121-H			no paleo info			
32702	Solano	Elmira	41931	100	Seis VP484	121-H			no paleo info			
32703	Solano	Elmira	41931	120	Seis VP484	121-H			no paleo info			
32704	Solano	Elmira	41931	180	Seis VP484	121-H			no paleo info			
32705	Solano	Elmira	41931	200	Seis VP484	121-H			no paleo info			
32706	Solano	Elmira	41931	260	Seis VP484	121-H			no paleo info			
32707	Solano	Elmira	41931	300	Seis VP484	121-H			no paleo info			
32708	Solano	Elmira	41931	380	Seis VP484	121-H			no paleo info			
32709	Solano	Elmira	41931	400	Seis VP484	121-H			no paleo info			
32710	Solano	Elmira	41931	480	Seis VP484	121-H			no paleo info			
32711	Solano	Elmira	41931	500	Seis VP484	121-H			no paleo info			
32712	Solano	Elmira	41931	520	Seis VP484	121-H			no paleo info			
32713	Solano	Elmira	41931	540	Seis VP484	121-H			no paleo info			
32714	Solano	Elmira	41932	80	Seis VP549	121-H		4/5N/1W	no paleo info			
32715	Solano	Elmira	41932	100	Seis VP549	121-H			no paleo info			
32716	Solano	Elmira	41932	120	Seis VP549	121-H			no paleo info			
32717	Solano	Elmira	41932	140	Seis VP549	121-H			no paleo info			
32718	Solano	Elmira	41932	160	Seis VP549	121-H			no paleo info			
32719	Solano	Elmira	41932	180	Seis VP549	121-H			no paleo info			
32720	Solano	Elmira	41932	200	Seis VP549	121-H			no paleo info			
32721	Solano	Elmira	41932	220	Seis VP549	121-H			no paleo info			
32722	Solano	Elmira	41932	240	Seis VP549	121-H			no paleo info			

Chevron data # 1

	A	B	C	D	E	F	G	H	I	J	K	L
1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
32723	Solano	Elmira	41932	260	Seis VP549	121-H			no paleo info			
32724	Solano	Elmira	41932	280	Seis VP549	121-H			no paleo info			
32725	Solano	Elmira	41932	300	Seis VP549	121-H			no paleo info			
32726	Solano	Elmira	41932	400	Seis VP549	121-H			no paleo info			
32727	Solano	Elmira	41932	460	Seis VP549	121-H			no paleo info			
32728	Solano	Elmira	41932	480	Seis VP549	121-H			no paleo info			
32729	Solano	Elmira	41932	500	Seis VP549	121-H			no paleo info			
32730	Solano	Elmira	41932	520	Seis VP549	121-H			no paleo info			
32731	Solano	Elmira	41932	540	Seis VP549	121-H			no paleo info			

	I	M
1	ONE/SERIES/AGF	
2	Relizian	
3	Relizian	
4	Relizian	
5	Luisian	
6	Luisian	
7	Luisian	
8	Luisian	
9	Luisian	
10	Luisian	
11	Luisian	
12	Luisian	
13	Luisian	
14	Luisian	
15	Luisian?	
16	Luisian?	
17	Saucesian	
18	Saucesian	
19	Saucesian	
20	Saucesian	
21	Saucesian	
22	not diagnostic	
23	not diagnostic	
24	not diagnostic	
25	not diagnostic	
26	not diagnostic	
27	not diagnostic	
28	not diagnostic	
29	Cretaceous	
30	Cretaceous	
31	Cretaceous	
32	Eocene	
33	Eocene	
34	Eocene	
35	Eocene	
36	Eocene	
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79	Eocene	
80	Eocene	

	I	M
1	ONE/SERIES/AGE	
87	Eocene	
88	Eocene	
89	Eocene	
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92	Eocene	
93	Eocene	
94	Eocene	
95	Eocene	
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196	Miocene	
197	Miocene/Pliocene	
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268	barren	
269	Upper Miocene	
270	Upper Miocene	
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276	barren	
277	Miocene	
278	barren	
279	barren	
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281	not diagnostic	
282	barren	
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293	Luisian/Relizian	
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1	ONE/SERIES/AG	
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1	ONE/SERIES/AGE	
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550	Saucesian	
551	Upper Saucesian	
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738	not diagnostic	
739	Upper Miocene	
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936	Eocene	

	I	M
1	ONE/SERIES/AGE	
937	Eocene	
938	Eocene	
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940	Eocene	
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1016	Luisian	
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1018	Luisian	
1019	Miocene	
1020	Middle Mohnian	
1021	Miocene	

	I	M
1	ONE/SERIES/AGF	
1022	Middle Mohnian	
1023	Middle Mohnian	
1024	Prob Mohnian	
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1026	Upper Pliocene	
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1103	Saucesian	
1104	Saucesian	
1105	Saucesian	
1106	Saucesian	

	I	M
1	ONE/SERIES/AGF	
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1190	Saucesian	
1191	Saucesian	

	I	M
1	ONE/SERIES/AGF	
1192	Saucesian	
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1	ONE/SERIES/AGF	
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	I	M
1	ONE/SERIES/AGF	
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1	ONE/SERIES/AGI	
1447	Relizian	
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1590	Kreyenhagen	
1591	and probably	
1592	Eocene	
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1700	Luisian/Mohnian	
1701	Luisian/Mohnian	

	I	M
1	ONE/SERIES/AG	
1702	Luisian/Mohnian	
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1729	Saucesian	
1730	Saucesian	
1731	Saucesian	
1732	Saucesian	
1733	Saucesian	
1734	Saucesian	
1735	Saucesian	
1736	Saucesian	
1737	Saucesian	
1738	Saucesian	
1739	Saucesian	
1740	Saucesian	
1741	Saucesian	
1742	Saucesian	
1743	Saucesian	
1744	Saucesian	
1745	Saucesian	
1746	Saucesian	
1747	Saucesian	
1748	Saucesian	
1749	Saucesian	
1750	Saucesian	
1751	Saucesian	
1752	Saucesian	
1753	Saucesian	
1754	Saucesian	
1755	Saucesian	
1756	Zemorrian	
1757	Zemorrian	
1758	Zemorrian	
1759	Zemorrian	
1760	Zemorrian	
1761	Zemorrian	
1762	Zemorrian	
1763	Zemorrian	
1764	Zemorrian	
1765	Zemorrian	
1766	Zemorrian	
1767	Zemorrian	
1768	Zemorrian	
1769	Zemorrian	
1770	Zemorrian	
1771	Zemorrian	
1772	Zemorrian	
1773	Zemorrian	
1774	Zemorrian	
1775	Zemorrian	
1776	Zemorrian	
1777	Zemorrian	
1778	Zemorrian	
1779	Zemorrian	
1780	Zemorrian	
1781	Zemorrian	
1782	Zemorrian	
1783	Zemorrian	
1784	Zemorrian	
1785	Zemorrian	
1786	Saucesian	

	I	M
1	ONE/SERIES/AGE	
1787	Saucesian	
1788	Saucesian	
1789	Saucesian	
1790	Saucesian	
1791	Saucesian	
1792	Saucesian	
1793	Pliocene	
1794	Pliocene	
1795	Pliocene	
1796	Pliocene	
1797	Pliocene	
1798	Pliocene	
1799	Pliocene	
1800	Pliocene	
1801	Pliocene	
1802	Pliocene	
1803	Pliocene	
1804	Pliocene	
1805	Pliocene	
1806	Pliocene	
1807	Pliocene	
1808	Pliocene	
1809	Pliocene	
1810	Pliocene	
1811	Pliocene	
1812	Pliocene	
1813	Pliocene	
1814	Pliocene	
1815	Pliocene	
1816	Pliocene	
1817	Pliocene	
1818	Pliocene	
1819	Pliocene	
1820	Pliocene	
1821	Delmontian	
1822	no age provided	
1823	no age provided	
1824	no age provided	
1825	no age provided	
1826	no age provided	
1827	no age provided	
1828	no age provided	
1829	no age provided	
1830	no age provided	
1831	no age provided	
1832	no age provided	
1833	no age provided	
1834	no age provided	
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1836	no age provided	
1837	no age provided	
1838	Pliocene	
1839	Pliocene	
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1845	Pliocene	
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1850	Pliocene	
1851	Pliocene	
1852	Pliocene	
1853	Pliocene	
1854	Pliocene	
1855	Pliocene	
1856	Pliocene	
1857	Pliocene	
1858	Pliocene	
1859	Pliocene	
1860	Pliocene	
1861	Pliocene	
1862	Pliocene	
1863	Pliocene	
1864	Pliocene	
1865	Pliocene	
1866	Pliocene	
1867	Pliocene	
1868	not diagnostic	
1869	not diagnostic	
1870	not diagnostic	
1871	not diagnostic	

	I	M
1	ZONE/SERIES/AGE	
1872	not diagnostic	
1873	not diagnostic	
1874	not diagnostic	
1875	not diagnostic	
1876	not diagnostic	
1877	not diagnostic	
1878	not diagnostic	
1879	not diagnostic	
1880	not diagnostic	
1881	not diagnostic	
1882	not diagnostic	
1883	not diagnostic	
1884	not diagnostic	
1885	not diagnostic	
1886	not diagnostic	
1887	not diagnostic	
1888	not diagnostic	
1889	not diagnostic	
1890	Upper Mohnian	
1891	Upper Mohnian	
1892	not diagnostic	
1893	not diagnostic	
1894	M Eocene A-2/C	
1895	M Eocene A-2/C	
1896	Prob L Eocene	
1897	Prob L Eocene	
1898	Prob L Eocene	
1899	Prob L Eocene	
1900	Paleocene E zone	
1901	Paleocene E zone	
1902	Paleocene E zone	
1903	Paleocene E zone	
1904	no age provided	
1905	not diagnostic	
1906	not diagnostic	
1907	not diagnostic	
1908	Lower Luisian	
1909	not diagnostic	
1910	not diagnostic	
1911	Relizian	
1912	Upper Eocene	
1913	? Cretaceous	
1914	? Cretaceous	
1915	? Cretaceous	
1916	? Cretaceous	
1917	? Cretaceous	
1918	no age provided	
1919	no age provided	
1920	no age provided	
1921	Paleocene D zone	
1922	Paleocene D zone	
1923	Paleocene D zone	
1924	Paleocene D zone	
1925	Paleocene D zone	
1926	Paleocene D zone	
1927	Paleocene D zone	
1928	Paleocene D zone	
1929	Paleocene D zone	
1930	Paleocene D zone	
1931	Paleocene D zone	
1932	Paleocene D zone	
1933	Paleocene D zone	
1934	Paleocene D zone	
1935	Paleocene D zone	
1936	Paleocene D zone	
1937	Paleocene D zone	
1938	Paleocene D zone	
1939	Paleocene D zone	
1940	Paleocene D zone	
1941	Paleocene D zone	
1942	Paleocene D zone	
1943	Paleocene D zone	
1944	Paleocene D zone	
1945	Paleocene D zone	
1946	Paleocene D zone	
1947	Paleocene D zone	
1948	Paleocene D zone	
1949	Paleocene D zone	
1950	Paleocene D zone	
1951	Paleocene D zone	
1952	Paleocene D zone	
1953	Paleocene D zone	
1954	Paleocene D zone	
1955	Paleocene D zone	
1956	Paleocene D zone	

	I	M
1	ONE/SERIES/AGI	
1957	Paleocene D zone	
1958	Paleocene D zone	
1959	Paleocene D zone	
1960	Paleocene D zone	
1961	Paleocene D zone	
1962	Paleocene D zone	
1963	Paleocene D zone	
1964	Paleocene D zone	
1965	Paleocene D zone	
1966	Paleocene D zone	
1967	Paleocene D zone	
1968	Paleocene D zone	
1969	Paleocene D zone	
1970	Paleocene D zone	
1971	Paleocene D zone	
1972	Paleocene D zone	
1973	Paleocene D zone	
1974	Paleocene D zone	
1975	Paleocene D zone	
1976	Paleocene D zone	
1977	Paleocene D zone	
1978	Paleocene D zone	
1979	Paleocene D zone	
1980	Paleocene D zone	
1981	Paleocene D zone	
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1983	Paleocene D zone	
1984	Paleocene D zone	
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1986	Paleocene D zone	
1987	Paleocene D zone	
1988	Paleocene D zone	
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1990	Paleocene D zone	
1991	Paleocene D zone	
1992	Paleocene D zone	
1993	Paleocene D zone	
1994	Paleocene D zone	
1995	Paleocene D zone	
1996	Paleocene D zone	
1997	Paleocene D zone	
1998	Paleocene D zone	
1999	Paleocene D zone	
2000	Paleocene D zone	
2001	Paleocene D zone	
2002	Paleocene D zone	
2003	Paleocene D zone	
2004	Paleocene D zone	
2005	Paleocene D zone	
2006	Paleocene D zone	
2007	Paleocene D zone	
2008	Paleocene D zone	
2009	Paleocene D zone	
2010	Paleocene D zone	
2011	Paleocene D zone	
2012	Paleocene D zone	
2013	Paleocene D zone	
2014	Paleocene D zone	
2015	Paleocene D zone	
2016	Paleocene D zone	
2017	Paleocene D zone	
2018	Paleocene D zone	
2019	Paleocene D zone	
2020	Paleocene D zone	
2021	Paleocene D zone	
2022	Paleocene D zone	
2023	Paleocene D zone	
2024	Paleocene D zone	
2025	Paleocene D zone	
2026	Paleocene D zone	
2027	Paleocene D zone	
2028	Paleocene D zone	
2029	Paleocene D zone	
2030	Paleocene D zone	
2031	Paleocene D zone	
2032	Paleocene D zone	
2033	Paleocene D zone	
2034	Paleocene D zone	
2035	Paleocene D zone	
2036	Paleocene D zone	
2037	Paleocene D zone	
2038	Paleocene D zone	
2039	Paleocene D zone	
2040	Paleocene D zone	
2041	Paleocene D zone	

	I	M
1	ONE/SERIES/AGI	
2042	Paleocene D zone	
2043	Paleocene D zone	
2044	Paleocene D zone	
2045	Paleocene D zone	
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2047	Paleocene D zone	
2048	Paleocene D zone	
2049	Paleocene D zone	
2050	Paleocene D zone	
2051	Paleocene D zone	
2052	Paleocene D zone	
2053	Paleocene D zone	
2054	Paleocene D zone	
2055	Paleocene D zone	
2056	Paleocene D zone	
2057	Paleocene D zone	
2058	Paleocene D zone	
2059	Paleocene D zone	
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2061	Paleocene D zone	
2062	Paleocene D zone	
2063	Paleocene D zone	
2064	Paleocene D zone	
2065	Paleocene D zone	
2066	Paleocene D zone	
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2068	Paleocene D zone	
2069	Paleocene D zone	
2070	Paleocene D zone	
2071	Paleocene D zone	
2072	Paleocene D zone	
2073	Paleocene D zone	
2074	Paleocene D zone	
2075	Paleocene D zone	
2076	Paleocene D zone	
2077	Paleocene D zone	
2078	Paleocene D zone	
2079	Paleocene D zone	
2080	Paleocene D zone	
2081	Paleocene D zone	
2082	Paleocene D zone	
2083	Paleocene D zone	
2084	Paleocene D zone	
2085	Paleocene D zone	
2086	Paleocene D zone	
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2089	Paleocene D zone	
2090	Paleocene D zone	
2091	Paleocene D zone	
2092	Paleocene D zone	
2093	Paleocene D zone	
2094	Paleocene D zone	
2095	Paleocene D zone	
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2100	Paleocene D zone	
2101	Paleocene D zone	
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2104	Paleocene D zone	
2105	Paleocene D zone	
2106	Paleocene D zone	
2107	Paleocene D zone	
2108	Paleocene D zone	
2109	Paleocene D zone	
2110	Paleocene D zone	
2111	Paleocene D zone	
2112	Paleocene D zone	
2113	Paleocene D zone	
2114	Paleocene D zone	
2115	Pliocene	
2116	Pliocene	
2117	Pliocene	
2118	Pliocene	
2119	Pliocene	
2120	Pliocene	
2121	Pliocene	
2122	Pliocene	
2123	Pliocene	
2124	Pliocene	
2125	Pliocene	
2126	Pliocene	

	I	M
1	ONE/SERIES/AGE	
2127	Pliocene	
2128	Pliocene	
2129	Pliocene	
2130	Pliocene	
2131	Pliocene	
2132	Pliocene	
2133	Pliocene	
2134	Pliocene	
2135	Pliocene	
2136	Pliocene	
2137	Pliocene	
2138	Pliocene	
2139	Pliocene	
2140	Pliocene	
2141	Pliocene	
2142	Pliocene	
2143	Pliocene	
2144	Pliocene	
2145	probably Luisian	
2146	Eocene	
2147	Eocene	
2148	Eocene	
2149	Eocene	
2150	Eocene	
2151	Eocene	
2152	Eocene	
2153	Eocene	
2154	Eocene	
2155	Eocene	
2156	Eocene	
2157	Eocene	
2158	Eocene	
2159	Eocene	
2160	Eocene	
2161	Eocene	
2162	Eocene	
2163	Eocene	
2164	Eocene	
2165	Eocene	
2166	Eocene	
2167	Eocene	
2168	Eocene	
2169	Eocene	
2170	Eocene	
2171	Eocene	
2172	Eocene	
2173	Eocene	
2174	Eocene	
2175	Eocene	
2176	Eocene	
2177	Eocene	
2178	Eocene	
2179	Eocene	
2180	Eocene	
2181	Eocene	
2182	Eocene	
2183	Eocene	
2184	Eocene	
2185	Eocene	
2186	Eocene	
2187	Eocene	
2188	Eocene	
2189	Eocene	
2190	Eocene	
2191	Eocene	
2192	Upper Saucesian	
2193	U Eoc A-2 zone	
2194	U Eoc A-2 zone	
2195	U Eoc A-2 zone	
2196	U Eoc A-2 zone	
2197	M Eoc B-1 zone	
2198	M Eoc B-1 zone	
2199	M Eoc B-1 zone	
2200	M Eoc B-1 zone	
2201	M Eoc B-1 zone	
2202	M Eoc B-1 zone	
2203	M Eoc B-1 zone	
2204	M Eoc B-1 zone	
2205	M Eoc B-1 zone	
2206	L Eoc B-2/B-3	
2207	L Eoc B-2/B-3	
2208	L Eoc B-2/B-3	
2209	L Eoc B-2/B-3	
2210	L Eoc B-2/B-3	
2211	L Eoc B-2/B-3	

	I	M
1	ONE/SERIES/AGF	
2212	L Eoc B-2/B-3	
2213	L Eoc B-2/B-3	
2214	L Eoc B-2/B-3	
2215	L Eoc B-2/B-3	
2216	L Eoc B-2/B-3	
2217	L Eoc B-2/B-3	
2218	L Eoc B-2/B-3	
2219	L Eoc B-2/B-3	
2220	L Eoc B-2/B-3	
2221	L Eoc B-2/B-3	
2222	L Eoc B-2/B-3	
2223	L Eoc B-2/B-3	
2224	L Eoc B-2/B-3	
2225	L Eoc B-2/B-3	
2226	L Eoc B-2/B-3	
2227	L Eoc B-2/B-3	
2228	L Eoc B-2/B-3	
2229	L Eoc B-2/B-3	
2230	L Eoc B-2/B-3	
2231	L Eoc B-2/B-3	
2232	L Eoc B-2/B-3	
2233	L Eoc B-2/B-3	
2234	L Eoc B-2/B-3	
2235	L Eoc B-2/B-3	
2236	L Eoc B-2/B-3	
2237	L Eoc B-2/B-3	
2238	L Eoc B-2/B-3	
2239	L Eoc B-2/B-3	
2240	L Eoc B-2/B-3	
2241	L Eoc B-2/B-3	
2242	L Eoc B-2/B-3	
2243	L Eoc B-2/B-3	
2244	L Eoc B-2/B-3	
2245	L Eoc B-2/B-3	
2246	L Eoc B-2/B-3	
2247	L Eoc B-2/B-3	
2248	L Eoc B-2/B-3	
2249	L Eocene B-4	
2250	L Eocene B-4	
2251	L Eocene B-4	
2252	L Eocene B-4	
2253	L Eocene B-4	
2254	L Eocene B-4	
2255	L Eocene B-4	
2256	L Eocene B-4	
2257	L Eocene B-4	
2258	L Eocene B-4	
2259	L Eocene B-4	
2260	L Eocene B-4	
2261	L Eocene B-4	
2262	L Eocene B-4	
2263	L Eocene B-4	
2264	L Eocene B-4	
2265	L Eocene B-4	
2266	L Eocene B-4	
2267	L Eocene B-4	
2268	L Eocene B-4	
2269	L Eocene B-4	
2270	L Eocene B-4	
2271	L Eocene B-4	
2272	L Eocene B-4	
2273	L Eocene B-4	
2274	L Eocene B-4	
2275	L Eocene B-4	
2276	L Eocene B-4	
2277	L Eocene B-4	
2278	L Eocene B-4	
2279	L Eocene B-4	
2280	L Eocene B-4	
2281	L Eocene B-4	
2282	L Eocene B-4	
2283	L Eocene B-4	
2284	L Eocene B-4	
2285	L Eocene B-4	
2286	L Eocene B-4	
2287	L Eocene B-4	
2288	L Eocene B-4	
2289	L Eocene B-4	
2290	L Eocene B-4	
2291	L Eocene B-4	
2292	L Eocene B-4	
2293	L Eocene B-4	
2294	L Eocene B-4	
2295	L Eocene B-4	
2296	L Eocene B-4	

	I	M
1	ONE/SERIES/AGF	
2297	L Eocene B-4	
2298	L Eocene B-4	
2299	L Eocene B-4	
2300	L Eocene B-4	
2301	L Eocene B-4	
2302	L Eocene B-4	
2303	L Eocene B-4	
2304	L Eocene B-4	
2305	L Eocene B-4	
2306	L Eocene B-4	
2307	L Eocene B-4	
2308	L Eocene B-4	
2309	L Eocene B-4	
2310	L Eocene B-4	
2311	L Eocene B-4	
2312	L Eocene B-4	
2313	L Eocene B-4	
2314	L Eocene B-4	
2315	L Eocene B-4	
2316	L Eocene B-4	
2317	L Eocene B-4	
2318	L Eocene C zone	
2319	L Eocene C zone	
2320	L Eocene C zone	
2321	L Eocene C zone	
2322	L Eocene C zone	
2323	L Eocene C zone	
2324	L Eocene C zone	
2325	L Eocene C zone	
2326	L Eocene C zone	
2327	L Eocene C zone	
2328	Paleocene E zone	
2329	Paleocene E zone	
2330	Paleocene E zone	
2331	Paleocene E zone	
2332	Paleocene E zone	
2333	Paleocene E zone	
2334	Paleocene E zone	
2335	Paleocene E zone	
2336	Paleocene E zone	
2337	Paleocene E zone	
2338	Paleocene E zone	
2339	Saucesian/Relizian	
2340	u	
2341	U Eocene A-2 zone	
2342	Miocene	
2343	U Eocene A-2 zone	
2344	?U Eocene A-2 zone	
2345	U Eocene A-2 zone	
2346	U Eocene A-2 zone	
2347	U Eocene A-2 zone	
2348	? Upper Eocene	
2349	Pleistocene	
2350	Lower Luisian	
2351	Relizian	
2352	Lower Mohnian	
2353	Mohnian	
2354	Middle Mohnian	
2355	Eocene	
2356	not diagnostic	
2357	Eocene	
2358	Saucesian?	
2359	Saucesian	
2360	Upper Saucesian	
2361	Upper Saucesian	
2362	Upper Saucesian	
2363	not diagnostic	
2364	not diagnostic	
2365	Eocene, prob C zo	
2366	Eocene, prob C zo	
2367	Eocene, prob C zo	
2368	Eocene, prob C zo	
2369	Eocene, prob C zo	
2370	Eocene, prob C zo	
2371	Eocene, prob C zo	
2372	Pliocene	
2373	Pliocene	
2374	Pliocene	
2375	Pliocene	
2376	Pliocene	
2377	Pliocene	
2378	Pliocene	
2379	Pliocene	

	I	M
1	ZONE/SERIES/AGE	
2380	Pliocene	
2381	Pliocene	
2382	Pliocene	
2383	Pliocene	
2384	Pliocene	
2385	Pliocene	
2386	Pliocene	
2387	Pliocene	
2388	Pliocene	
2389	Pliocene	
2390	Pliocene	
2391	Pliocene	
2392	Pliocene	
2393	Pliocene	
2394	Pliocene	
2395	Pliocene	
2396	Pliocene	
2397	Pliocene	
2398	Pliocene	
2399	Pliocene	
2400	Pliocene	
2401	Pliocene	
2402	Pliocene	
2403	Pliocene	
2404	Pliocene	
2405	Pliocene	
2406	Pliocene	
2407	Pliocene	
2408	Pliocene	
2409	Pliocene	
2410	Pliocene	
2411	Pliocene	
2412	Pliocene	
2413	Pliocene	
2414	Pliocene	
2415	Pliocene	
2416	Pliocene	
2417	Pliocene	
2418	Pliocene	
2419	Pliocene	
2420	Pliocene	
2421	Pliocene	
2422	Pliocene	
2423	Pliocene	
2424	Pliocene	
2425	Pliocene	
2426	Pliocene	
2427	Pliocene	
2428	Pliocene	
2429	Pliocene	
2430	Pliocene	
2431	Pliocene	
2432	Pliocene	
2433	Pliocene	
2434	Pliocene	
2435	Pliocene	
2436	Pliocene	
2437	Pliocene	
2438	Pliocene	
2439	Pliocene	
2440	Pliocene	
2441	Pliocene	
2442	Pliocene	
2443	Pliocene	
2444	Pliocene	
2445	Pliocene	
2446	Pliocene	
2447	Pliocene	
2448	Pliocene	
2449	Pliocene	
2450	Pliocene	
2451	Pliocene	
2452	Pliocene	
2453	Pliocene	
2454	Pliocene	
2455	Pliocene	
2456	Pliocene	
2457	Pliocene	
2458	Pliocene	
2459	Pliocene	
2460	Pliocene	
2461	Pliocene	
2462	Pliocene	
2463	Pliocene	
2464	no age provided	

	I	M
1	ONE/SERIES/AGI	
2465	no age provided	
2466	no age provided	
2467	no age provided	
2468	no age provided	
2469	no age provided	
2470	no age provided	
2471	no age provided	
2472	no age provided	
2473	no age provided	
2474	no age provided	
2475	no age provided	
2476	no age provided	
2477	no age provided	
2478	no age provided	
2479	no age provided	
2480	no age provided	
2481	no age provided	
2482	no age provided	
2483	no age provided	
2484	no age provided	
2485	no age provided	
2486	no age provided	
2487	no age provided	
2488	no age provided	
2489	no age provided	
2490	no age provided	
2491	no age provided	
2492	no age provided	
2493	no age provided	
2494	no age provided	
2495	Cretaceous	
2496	Paleocene	
2497	Paleocene	
2498	Eocene	
2499	Eocene	
2500	Eocene	
2501	Eocene	
2502	not diagnostic	
2503	not diagnostic	
2504	no age provided	
2505	no age provided	
2506	no age provided	
2507	no age provided	
2508	no age provided	
2509	no age provided	
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2949	Eocene	
2950	forams	
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2956	Eocene	
2957	Eocene	
2958	Eocene	
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2960	Eocene	
2961	Luisian	
2962	Luisian/Relizian	
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2968	Luisian/Relizian	
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3059	Paleocene/Eocene	

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3079	Narizian A-1	
3080	Narizian A-1	
3081	Narizian A-1	
3082	Narizian A-1	
3083	barren	
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3124	no paleo info	
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3126	barren	
3127	Eocene	
3128	Cretaceous	
3129	Cretaceous	
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3133	Cretaceous	
3134	Cretaceous	
3135	Cretaceous	
3136	barren	
3137	barren	
3138	no ages given but	
3139	poss all Eocene	
3140	poss all Eocene	
3141	poss all Eocene	
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1	ONE/SERIES/AGE	
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3237	U Cret G-1 zone	
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3248	U Cret G-1 zone	
3249	U Cret G-1 zone	
3250	U Cret F-2 zone	
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3274	U Cret F-2 zone	
3275	U Cret F-2 zone	
3276	U Cret F-1 ?	
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3292	U Cret F-1 ?	
3293	U Cret F-1 ?	
3294	U Cret F-1 ?	
3295	not diagnostic	
3296	not diagnostic	
3297	Middle Eocene	
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3313	Middle Eocene	
3314	Middle Eocene	

	I	M
1	ONE/SERIES/AGT	
3315	Middle Eocene	
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3317	Middle Eocene	
3318	Eocene A-2	
3319	Eocene A-2	
3320	Eocene A-2	
3321	Eocene A-2	
3322	Eocene A-2	
3323	Eocene A-2	
3324	Eocene A-2	
3325	Eocene A-2	
3326	Eocene A-2	
3327	Eocene A-2	
3328	Eocene A-2	
3329	Eocene A-3	
3330	Eocene A-2	
3331	Eocene A-2	
3332	Eocene A-2	
3333	Eocene A-1	
3334	Eocene A-2	
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3336	not diagnostic	
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3341	Eocene A-2	
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3368	no paleo info	
3369	no paleo info	
3370	no paleo info	
3371	no paleo info	
3372	no paleo info	
3373	no paleo info	
3374	no paleo info	
3375	no paleo info	
3376	no paleo info	
3377	no paleo info	
3378	no paleo info	
3379	U Cret indefinite	
3380	U Cret indefinite	
3381	U Cret indefinite	
3382	U Cret indefinite	
3383	U Cret indefinite	
3384	U Cret indefinite	
3385	U Cret indefinite	
3386	U Cret indefinite	
3387	U Cret indefinite	
3388	U Cret indefinite	
3389	U Cret indefinite	
3390	U Cret indefinite	
3391	U Cret F-2 zone	
3392	U Cret indefinite	
3393	Upper Cretaceous	
3394	Upper Cretaceous	
3395	Upper Cretaceous	
3396	Upper Cretaceous	
3397	Upper Cretaceous	
3398	Upper Cretaceous	
3399	Paleocene	

	I	M
1	ONE/SERIES/AGE	
3400	Paleocene	
3401	Paleocene	
3402	Paleocene	
3403	Paleocene	
3404	Paleocene	
3405	Paleocene	
3406	Paleocene	
3407	Paleocene	
3408	Paleocene	
3409	Paleocene	
3410	Paleocene	
3411	Paleocene	
3412	Paleocene	
3413	Paleocene	
3414	Paleocene	
3415	Paleocene	
3416	Paleocene	
3417	Paleocene	
3418	Eocene	
3419	Eocene	
3420	no paleo info	
3421	no paleo info	
3422	no paleo info	
3423	no paleo info	
3424	no paleo info	
3425	no paleo info	
3426	no paleo info	
3427	no paleo info	
3428	no paleo info	
3429	no paleo info	
3430	no paleo info	
3431	no paleo info	
3432	no paleo info	
3433	no paleo info	
3434	no paleo info	
3435	no paleo info	
3436	no paleo info	
3437	no paleo info	
3438	Eocene	
3439	Eocene	
3440	Eocene	
3441	Eocene	
3442	Eocene	
3443	Eocene	
3444	Eocene	
3445	Eocene	
3446	Eocene	
3447	Eocene	
3448	Eocene	
3449	Eocene	
3450	Eocene	
3451	Eocene	
3452	Eocene	
3453	Eocene	
3454	Eocene	
3455	Eocene	
3456	Eocene	
3457	Eocene	
3458	Eocene	
3459	Cretaceous	
3460	Cretaceous	
3461	Paleocene	
3462	Paleocene	
3463	Paleocene	
3464	Paleocene	
3465	Paleocene	
3466	Paleocene	
3467	no age provided	
3468	no age provided	
3469	no age provided	
3470	no age provided	
3471	no age provided	
3472	no age provided	
3473	Eocene	
3474	Eocene	
3475	Eocene	
3476	Eocene	
3477	Eocene	
3478	Eocene	
3479	Eocene	
3480	Eocene	
3481	Eocene	
3482	Eocene	
3483	Eocene	
3484	Eocene	

	I	M
1	ONE/SERIES/AGI	
3485	Eocene	
3486	Eocene	
3487	Eocene	
3488	Eocene	
3489	Eocene	
3490	Eocene	
3491	Eocene	
3492	Eocene	
3493	Eocene	
3494	Eocene	
3495	Eocene	
3496	Eocene	
3497	Eocene	
3498	Eocene	
3499	Eocene	
3500	Eocene	
3501	Eocene	
3502	Eocene	
3503	Eocene	
3504	Eocene	
3505	Eocene	
3506	Eocene	
3507	Eocene	
3508	Eocene	
3509	Eocene	
3510	Eocene	
3511	Eocene	
3512	Eocene	
3513	Eocene	
3514	Eocene	
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	
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3537	Eocene	
3538	Eocene	
3539	Eocene	
3540	Eocene	
3541	Eocene	
3542	Eocene	
3543	Eocene	
3544	Eocene	
3545	Eocene	
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3547	Eocene	
3548	Eocene	
3549	Eocene	
3550	Eocene	
3551	Eocene	
3552	Eocene	
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	

	I	M
1	ONE/SERIES/AGE	
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	no ages provided	
3584	no ages provided	
3585	no ages provided	
3586	no ages provided	
3587	no ages provided	
3588	no ages provided	
3589	no ages provided	
3590	no ages provided	
3591	no ages provided	
3592	no ages provided	
3593	no ages provided	
3594	no ages provided	
3595	no ages provided	
3596	no ages provided	
3597	no ages provided	
3598	no ages provided	
3599	no ages provided	
3600	no ages provided	
3601	no ages provided	
3602	no ages provided	
3603	no ages provided	
3604	no ages provided	
3605	no ages provided	
3606	no ages provided	
3607	no ages provided	
3608	no ages provided	
3609	no ages provided	
3610	no ages provided	
3611	Middle Eocene	
3612	Middle Eocene	
3613	Middle Eocene	
3614	Middle Eocene	
3615	Middle Eocene	
3616	Middle Eocene	
3617	Middle Eocene	
3618	Middle Eocene	
3619	Middle Eocene	
3620	Middle Eocene	
3621	Middle Eocene	
3622	Middle Eocene	
3623	Middle Eocene	
3624	Middle Eocene	
3625	Middle Eocene	
3626	Middle Eocene	
3627	Middle Eocene	
3628	Middle Eocene	
3629	Middle Eocene	
3630	Middle Eocene	
3631	Middle Eocene	
3632	Middle Eocene	
3633	Middle Eocene	
3634	Middle Eocene	
3635	Middle Eocene	
3636	Middle Eocene	
3637	Middle Eocene	
3638	Middle Eocene	
3639	Middle Eocene	
3640	Middle Eocene	
3641	Middle Eocene	
3642	Middle Eocene	
3643	Middle Eocene	
3644	Middle Eocene	
3645	Middle Eocene	
3646	Middle Eocene	
3647	Middle Eocene	
3648	Middle Eocene	
3649	Middle Eocene	
3650	Middle Eocene	
3651	Middle Eocene	
3652	Middle Eocene	
3653	Middle Eocene	
3654	Middle Eocene	

	I	M
1	ZONE/SERIES/AGI	
3655	Middle 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	Eocene	
3665	Eocene	
3666	Eocene	
3667	Eocene	
3668	Eocene	
3669	Eocene	
3670	Eocene	
3671	Eocene	
3672	Eocene	
3673	Eocene	
3674	Eocene	
3675	Eocene	
3676	Eocene	
3677	Eocene	
3678	Eocene	
3679	Eocene	
3680	Eocene	
3681	Eocene	
3682	Eocene	
3683	Eocene	
3684	Eocene	
3685	Eocene	
3686	Eocene	
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3689	Eocene	
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3692	Eocene	
3693	Eocene	
3694	Eocene	
3695	Eocene	
3696	Eocene	
3697	Eocene	
3698	Eocene	
3699	Eocene	
3700	Eocene	
3701	Eocene	
3702	Eocene	
3703	Eocene	
3704	Eocene	
3705	Eocene	
3706	Eocene	
3707	Eocene	
3708	Eocene	
3709	Eocene	
3710	Eocene	
3711	Eocene	
3712	Eocene	
3713	Eocene	
3714	Eocene	
3715	Eocene	
3716	Eocene	
3717	Eocene	
3718	Eocene	
3719	Eocene	
3720	Eocene	
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	

	I	M
1	ONE/SERIES/AGI	
3740	Eocene	
3741	Eocene	
3742	no paleo info	
3743	no paleo info	
3744	no paleo info	
3745	no paleo info	
3746	no paleo info	
3747	no paleo info	
3748	no paleo info	
3749	no paleo info	
3750	Paleocene	
3751	Paleocene	
3752	Paleocene	
3753	Paleocene	
3754	Paleocene	
3755	Paleocene	
3756	Paleocene	
3757	Paleocene	
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	
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	Eocene	
3796	Eocene	
3797	Eocene	
3798	Eocene	
3799	Eocene	
3800	Eocene	
3801	Eocene	
3802	Eocene	
3803	Eocene	
3804	Eocene	
3805	Eocene	
3806	Eocene	
3807	Eocene	
3808	Eocene	
3809	Eocene	
3810	possibly Eocene	
3811	possibly Eocene	
3812	possibly Eocene	
3813	possibly Eocene	
3814	possibly Eocene	
3815	possibly Eocene	
3816	Eocene	
3817	Eocene	
3818	Eocene	
3819	Eocene	
3820	Eocene	
3821	Eocene	
3822	Eocene	
3823	Eocene	
3824	Eocene	

	I	M
1	ONE/SERIES/AGE	
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	
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3848	Eocene	
3849	Eocene	
3850	Eocene	
3851	Eocene	
3852	Eocene	
3853	Eocene	
3854	Eocene	
3855	Eocene	
3856	Eocene	
3857	Eocene	
3858	Eocene	
3859	Eocene	
3860	Eocene	
3861	no age provided	
3862	no age provided	
3863	no age provided	
3864	no age provided	
3865	no age provided	
3866	no age provided	
3867	no age provided	
3868	Paleocene	
3869	Paleocene	
3870	Paleocene	
3871	Paleocene	
3872	Paleocene	
3873	Paleocene	
3874	Paleocene	
3875	Paleocene	
3876	Paleocene	
3877	no age provided	
3878	no age provided	
3879	Refugian	
3880	Refugian	
3881	Refugian	
3882	Refugian	
3883	Refugian	
3884	Refugian	
3885	Upper Eocene	
3886	Upper Eocene	
3887	Upper Eocene	
3888	Upper Eocene	
3889	Upper Eocene	
3890	Upper Eocene	
3891	Upper Eocene	
3892	Upper Eocene	
3893	Upper Eocene	
3894	Upper Eocene	
3895	Upper Eocene	
3896	Upper Eocene	
3897	Upper Eocene	
3898	Upper Eocene	
3899	Upper Eocene	
3900	Upper Eocene	
3901	Upper Eocene	
3902	Upper Eocene	
3903	Upper Eocene	
3904	Upper Eocene	
3905	Upper Eocene	
3906	Upper Eocene	
3907	Upper Eocene	
3908	Upper Eocene	
3909	Upper Eocene	

	I	M
1	ZONE/SERIES/AGF	
3910	Upper Eocene	
3911	Upper Eocene	
3912	Upper Eocene	
3913	Upper Eocene	
3914	Upper Eocene	
3915	Upper Eocene	
3916	Upper Eocene	
3917	Upper Eocene	
3918	no paleo info	
3919	no paleo info	
3920	Mohnian	
3921	Mohnian	
3922	Mohnian	
3923	Mohnian	
3924	U Eoc A-1 zone	
3925	U Eoc A-1 zone	
3926	U Eoc A-1 zone	
3927	U Eoc A-1 zone	
3928	U Eoc A-1 zone	
3929	U Eoc A-1 zone	
3930	U Eoc A-1 zone	
3931	U Eoc A-1 zone	
3932	type Refugian	
3933	type Refugian	
3934	type Refugian	
3935	type Refugian	
3936	type Refugian	
3937	type Refugian	
3938	type Refugian	
3939	type Refugian	
3940	type Refugian	
3941	type Refugian	
3942	type Refugian	
3943	type Refugian	
3944	type Refugian	
3945	type Refugian	
3946	type Refugian	
3947	type Refugian	
3948	type Refugian	
3949	type Refugian	
3950	type Refugian	
3951	type Refugian	
3952	M Eoc A-2 zone	
3953	M Eoc A-2 zone	
3954	M Eoc A-2 zone	
3955	M Eoc A-2 zone	
3956	M Eoc A-2 zone	
3957	M Eoc A-2 zone	
3958	M Eoc A-2 zone	
3959	M Eoc A-2 zone	
3960	M Eoc A-2 zone	
3961	M Eoc A-2 zone	
3962	M Eoc A-2 zone	
3963	M Eoc A-2 zone	
3964	M Eoc A-2 zone	
3965	M Eoc A-2 zone	
3966	M Eoc A-2 zone	
3967	M Eoc A-2 zone	
3968	M Eoc A-2 zone	
3969	M Eoc A-2 zone	
3970	M Eoc A-2 zone	
3971	M Eoc A-2 zone	
3972	M Eoc A-2 zone	
3973	M Eoc A-2 zone	
3974	M Eoc A-2 zone	
3975	M Eoc A-2 zone	
3976	M Eoc A-2 zone	
3977	M Eoc A-2 zone	
3978	M Eoc A-2 zone	
3979	M Eoc A-2 zone	
3980	M Eoc A-2 zone	
3981	M Eoc A-2 zone	
3982	U Eoc A-1 zone	
3983	U Eoc A-1 zone	
3984	U Eoc A-1 zone	
3985	U Eoc A-1 zone	
3986	U Eoc A-1 zone	
3987	U Eoc A-1 zone	
3988	U Eoc A-1 zone	
3989	U Eoc A-1 zone	
3990	U Eoc A-1 zone	
3991	U Eoc A-1 zone	
3992	U Eoc A-1 zone	
3993	type Refugian	
3994	type Refugian	

	I	M
1	ZONE/SERIES/AGT	
3995	type Refugian	
3996	type Refugian	
3997	type Refugian	
3998	type Refugian	
3999	type Refugian	
4000	type Refugian	
4001	type Refugian	
4002	type Refugian	
4003	type Refugian	
4004	type Refugian	
4005	type Refugian	
4006	type Refugian	
4007	type Refugian	
4008	type Refugian	
4009	type Refugian	
4010	type Refugian	
4011	type Refugian	
4012	type Refugian	
4013	U Eoc A-2 zone	
4014	U Eoc A-2 zone	
4015	U Eoc A-2 zone	
4016	U Eoc A-2 zone	
4017	U Eoc A-2 zone	
4018	U Eoc A-2 zone	
4019	U Eoc A-2 zone	
4020	U Eoc A-2 zone	
4021	U Eoc A-2 zone	
4022	U Eoc A-2 zone	
4023	U Eoc A-2 zone	
4024	U Eoc A-2 zone	
4025	U Eoc A-2 zone	
4026	U Eoc A-2 zone	
4027	U Eoc A-2 zone	
4028	U Eoc A-2 zone	
4029	U Eoc A-2 zone	
4030	U Eoc A-2 zone	
4031	U Eoc A-2 zone	
4032	U Eoc A-2 zone	
4033	U Eoc A-2 zone	
4034	U Eoc A-2 zone	
4035	U Eoc A-2 zone	
4036	U Eoc A-2 zone	
4037	U Eoc A-2 zone	
4038	U Eoc A-2 zone	
4039	U Eoc A-2 zone	
4040	U Eoc A-2 zone	
4041	U Eoc A-2 zone	
4042	type Refugian	
4043	type Refugian	
4044	type Refugian	
4045	type Refugian	
4046	type Refugian	
4047	type Refugian	
4048	type Refugian	
4049	type Refugian	
4050	type Refugian	
4051	type Refugian	
4052	type Refugian	
4053	type Refugian	
4054	type Refugian	
4055	type Refugian	
4056	type Refugian	
4057	type Refugian	
4058	U Eoc A-2 zone	
4059	U Eoc A-2 zone	
4060	U Eoc A-2 zone	
4061	U Eoc A-2 zone	
4062	U Eoc A-2 zone	
4063	U Eoc A-2 zone	
4064	U Eoc A-2 zone	
4065	U Eoc A-2 zone	
4066	U Eoc A-2 zone	
4067	U Eoc A-2 zone	
4068	U Eoc A-2 zone	
4069	U Eoc A-2 zone	
4070	U Eoc A-2 zone	
4071	U Eoc A-2 zone	
4072	U Eoc A-2 zone	
4073	U Eoc A-2 zone	
4074	U Eoc A-2 zone	
4075	U Eoc A-2 zone	
4076	U Eoc A-2 zone	
4077	U Eoc A-2 zone	
4078	U Eoc A-2 zone	
4079	U Eoc A-2 zone	

	I	M
1	ZONE/SERIES/AGE	
4080	U Eoc A-2 zone	
4081	no age provided	
4082	no age provided	
4083	no age provided	
4084	Eocene	
4085	Eocene	
4086	Eocene	
4087	Eocene	
4088	Cretaceous?	
4089	Eocene	
4090	Eocene	
4091	Eocene	
4092	Eocene	
4093	Eocene	
4094	Eocene	
4095	Eocene	
4096	Eocene	
4097	Eocene	
4098	Eocene	
4099	Eocene	
4100	no age provided	
4101	no age provided	
4102	no age provided	
4103	no age provided	
4104	no age provided	
4105	no age provided	
4106	no age provided	
4107	no age provided	
4108	no age provided	
4109	no age provided	
4110	Eocene	
4111	Eocene	
4112	Eocene	
4113	Eocene	
4114	Eocene	
4115	Eocene	
4116	Eocene B-4 zone	
4117	Eocene	
4118	Eocene	
4119	Eocene	
4120	Eocene	
4121	Eocene	
4122	Eocene	
4123	Eocene	
4124	Eocene	
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4127	Eocene	
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4129	Eocene	
4130	Eocene	
4131	Eocene	
4132	Eocene	
4133	Eocene	
4134	Eocene	
4135	Eocene	
4136	Eocene	
4137	Eocene	
4138	Eocene	
4139	Eocene	
4140	Eocene	
4141	Eocene	
4142	Eocene	
4143	Eocene	
4144	Eocene	
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	Eocene	
4162	Eocene	
4163	Eocene?	
4164	Eocene?	

	I	M
1	ONE/SERIES/AGI	
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?	
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4193	Eocene?	
4194	Eocene?	
4195	Eocene?	
4196	Eocene?	
4197	Eocene?	
4198	Eocene?	
4199	Eocene?	
4200	see thesis	
4201	see thesis	
4202	see thesis	
4203	see thesis	
4204	see thesis	
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4206	see thesis	
4207	see thesis	
4208	see thesis	
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4210	see thesis	
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4216	see thesis	
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4218	see thesis	
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4227	see thesis	
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4230	see thesis	
4231	see thesis	
4232	see thesis	
4233	see thesis	
4234	see thesis	
4235	see thesis	
4236	see thesis	
4237	see thesis	
4238	U Cret F-2 zone	
4239	U Cret G-1 zone	
4240	U Cret G-1 zone	
4241	U Cret G-1 zone	
4242	U Cret G-1 zone	
4243	U Cret G-1 zone	
4244	U Cret G-1 zone	
4245	U Cret G-2 zone	
4246	U Cret G-2 zone	
4247	U Cret G-2 zone	
4248	U Cret H zone	
4249	Upper Cretaceous	

	I	M
1	ONE/SERIES/AGI	
4250	Upper Cretaceous	
4251	Upper Cretaceous	
4252	Upper Cretaceous	
4253	Upper Cretaceous	
4254	Upper Cretaceous	
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4256	Upper Cretaceous	
4257	Upper Cretaceous	
4258	Upper Cretaceous	
4259	Upper Cretaceous	
4260	no ages given	
4261	no ages given	
4262	no ages given	
4263	Upper Cretaceous	
4264	Upper Cretaceous	
4265	Upper Cretaceous	
4266	Upper Cretaceous	
4267	Upper Cretaceous	
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4276	Upper Cretaceous	
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4278	Upper Cretaceous	
4279	Upper Cretaceous	
4280	Upper Cretaceous	
4281	Upper Cretaceous	
4282	Upper Cretaceous	
4283	Upper Cretaceous	
4284	Upper Cretaceous	
4285	Upper Cretaceous	
4286	Eocene	
4287	Eocene	
4288	Eocene	
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4325	Eocene	
4326	Eocene	
4327	Eocene	
4328	Eocene	
4329	Eocene	
4330	Eocene	
4331	Eocene	
4332	Eocene	
4333	no age provided	
4334	no paleo info	

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1	ONE/SERIES/AGI	
4335	no paleo info	
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4359	Saucesian?	
4360	Saucesian?	
4361	Saucesian?	
4362	Saucesian?	
4363	Saucesian?	
4364	Saucesian?	
4365	Saucesian?	
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4369	Saucesian?	
4370	Miocene	
4371	Miocene	
4372	Miocene	
4373	Miocene	
4374	Miocene	
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4377	Miocene	
4378	Miocene	
4379	Miocene	
4380	Miocene	
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4382	Miocene	
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4385	Miocene	
4386	Miocene	
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4393	Miocene	
4394	Miocene	
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4397	Miocene	
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4401	Miocene	
4402	Miocene	
4403	Miocene	
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4405	Miocene	
4406	Miocene	
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4415	Miocene	
4416	Miocene	
4417	Miocene	
4418	Miocene	
4419	Miocene	

	I	M
1	ONE/SERIES/AG	
4420	Miocene	
4421	Miocene	
4422	Refugian?	
4423	Refugian?	
4424	Refugian?	
4425	Refugian?	
4426	Refugian?	
4427	Refugian?	
4428	Refugian?	
4429	Refugian?	
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4431	Refugian?	
4432	Upper Relizian	
4433	Upper Relizian	
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4436	Upper Relizian	
4437	Upper Relizian	
4438	Upper Relizian	
4439	Upper Relizian	
4440	Luisian	
4441	Luisian	
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4451	Luisian	
4452	Luisian	
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4455	Luisian	
4456	Luisian	
4457	Lower Mohnian	
4458	Lower Mohnian	
4459	Lower Mohnian	
4460	Lower Mohnian	
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4470	Lower Mohnian	
4471	Upper Mohnian	
4472	Upper Mohnian	
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4476	Upper Mohnian	
4477	Upper Mohnian	
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4498	Upper Mohnian	
4499	Upper Mohnian	
4500	Upper Mohnian	
4501	Upper Mohnian	
4502	Upper Mohnian	
4503	Upper Mohnian	
4504	Upper Mohnian	

	I	M
1	ONE/SERIES/AGT	
4505	Upper Mohnian	
4506	Upper Mohnian	
4507	Upper Mohnian	
4508	Upper Mohnian	
4509	Upper Mohnian	
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4525	Upper Mohnian	
4526	Upper Mohnian	
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4528	Upper Mohnian	
4529	Upper Mohnian	
4530	Upper Mohnian	
4531	Upper Mohnian	
4532	Upper Mohnian	
4533	not diagnostic	
4534	Upper Cretaceous	
4535	not diagnostic	
4536	not diagnostic	
4537	not diagnostic	
4538	Upper Cretaceous	
4539	Upper Cretaceous	
4540	Upper Cretaceous	
4541	Eocene	
4542	Eocene	
4543	Eocene	
4544	Eocene	
4545	Eocene	
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4547	Paleocene	
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4582	Paleocene	
4583	Paleocene	
4584	Paleocene	
4585	Paleocene	
4586	Paleocene	
4587	Paleocene	
4588	Paleocene	
4589	Paleocene	

	I	M
1	ONE/SERIES/AGI	
4590	Paleocene	
4591	Paleocene	
4592	Paleocene	
4593	Cretaceous	
4594	Cretaceous	
4595	Cretaceous	
4596	Cretaceous	
4597	Cretaceous	
4598	Cretaceous	
4599	Cretaceous	
4600	Cretaceous	
4601	Cretaceous	
4602	Cretaceous	
4603	Cretaceous	
4604	Cretaceous	
4605	Cretaceous	
4606	Paleocene	
4607	Paleocene	
4608	Paleocene	
4609	Paleocene	
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4614	Paleocene	
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4634	Paleocene	
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4637	Paleocene	
4638	Paleocene	
4639	no paleo info	
4640	no paleo info	
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4669	Pliocene	
4670	Pliocene	
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4674	Pliocene	

	I	M
1	ONE/SERIES/AG	
4675	Pliocene	
4676	Pliocene	
4677	Pliocene	
4678	Pliocene	
4679	Pliocene	
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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	Eoc A-1 & Ref?	
4694	U Eoc A-2 zone	
4695	U Eoc A-2 zone	
4696	U Eoc A-2 zone	
4697	U Eoc A-2 zone	
4698	U Eoc A-2 zone	
4699	U Eoc A-2 zone	
4700	U Eoc A-2 zone	
4701	U Eoc A-2 zone	
4702	U Eoc A-2 zone	
4703	U Eoc A-2 zone	
4704	U Eoc A-2 zone	
4705	U Eoc A-2 zone	
4706	U Eoc A-2 zone	
4707	U Eoc A-2 zone	
4708	U Eoc A-2 zone	
4709	U Eoc A-2 zone	
4710	U Eoc A-2 zone	
4711	U Eoc A-2 zone	
4712	U Eoc A-2 zone	
4713	U Eoc A-2 zone	
4714	U Eoc A-2 zone	
4715	U Eoc A-2 zone	
4716	U Eoc A-2 zone	
4717	U Eoc A-2 zone	
4718	U Eoc A-2 zone	
4719	U Eoc A-2 zone	
4720	U Eoc A-2 zone	
4721	U Eoc A-2 zone	
4722	U Eoc A-2 zone	
4723	U Eoc A-2 zone	
4724	U Eoc A-2 zone	
4725	U Eoc A-2 zone	
4726	U Eoc A-2 zone	
4727	U Eoc A-1 zone	
4728	U Eoc A-1 zone	
4729	U Eoc A-1 zone	
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4732	U Eoc A-1 zone	
4733	U Eoc A-1 zone	
4734	U Eoc A-1 zone	
4735	U Eoc A-1 zone	
4736	U Eoc A-1 zone	
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4739	U Eoc A-1 zone	
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4741	U Eoc A-1 zone	
4742	U Eoc A-1 zone	
4743	U Eoc A-1 zone	
4744	U Eoc A-1 zone	
4745	U Eoc A-1 zone	
4746	U Eoc A-1 zone	
4747	U Eoc A-1 zone	
4748	U Eoc A-1 zone	
4749	U Eoc A-1 zone	
4750	U Eoc A-1 zone	
4751	U Eoc A-1 zone	
4752	U Eocene	
4753	composite?	
4754	composite?	
4755	composite?	
4756	see set above	
4757	see set above	
4758	see set above	
4759	see set above	

	I	M
1	ONE/SERIES/AG	
4760	see set above	
4761	see set above	
4762	see set above	
4763	see set above	
4764	see set above	
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4815	see set above	
4816	see set above	
4817	Eoc A-1 & Refug.?	
4818	Eoc A-1 & Refug.?	
4819	Eoc A-1 & Refug.?	
4820	Eoc A-1 & Refug.?	
4821	Eoc A-1 & Refug.?	
4822	Eoc A-1 & Refug.?	
4823	Eoc A-1 & Refug.?	
4824	Eoc A-1 & Refug.?	
4825	no paleo info	
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4838	no paleo info	
4839	no paleo info	
4840	no paleo info	
4841	Eocene	
4842	Eocene	
4843	Eocene	
4844	Eocene	

	I	M
1	ZONE/SERIES/AGI	
4845	Eocene	
4846	Eocene	
4847	Eocene	
4848	Eocene	
4849	Eocene	
4850	Eocene	
4851	Eocene	
4852	Eocene	
4853	Eocene	
4854	Eocene	
4855	Eocene	
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4870	Eocene	
4871	Eocene	
4872	Eocene	
4873	Eocene	
4874	Eocene	
4875	Eocene	
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4915	Eocene	
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4918	Eocene	
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4927	Eocene	
4928	Eocene	
4929	Eocene	

	I	M
1	ZONE/SERIES/AGI	
4930	Eocene	
4931	Eocene	
4932	Eocene	
4933	Eocene	
4934	Eocene	
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4937	Eocene	
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4955	Eocene	
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4991	Pliocene	
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5000	Pliocene	
5001	Pliocene	
5002	Pliocene	
5003	Pliocene	
5004	Pliocene	
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5007	Pliocene	
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5009	Pliocene	
5010	Pliocene	
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5012	Pliocene	
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5014	Pliocene	

	I	M
1	ONE/SERIES/AGE	
5015	Pliocene	
5016	Pliocene	
5017	Pliocene	
5018	Pliocene	
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5020	Pliocene	
5021	Pliocene	
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5041	Pliocene	
5042	Miocene	
5043	Miocene	
5044	Miocene	
5045	Miocene?	
5046	Upper? Miocene	
5047	Luisian	
5048	barren	
5049	barren	
5050	Luisian	
5051	Middle Miocene	
5052	Paleocene	
5053	Luisian	
5054	barren	
5055	barren	
5056	Prob Paleocene	
5057	barren	
5058	Luisian	
5059	barren	
5060	Luisian	
5061	Luisian	
5062	Luisian	
5063	Paleocene	
5064	barren	
5065	barren	
5066	barren	
5067	Eocene	
5068	Eocene	
5069	barren	
5070	Paleocene	
5071	Paleocene	
5072	Paleocene or Eoc	
5073	Paleocene?	
5074	Paleocene or Eoc	
5075	Paleocene	
5076	not diagnostic	
5077	Paleocene	
5078	barren	
5079	Paleocene	
5080	Paleocene	
5081	Miocene	
5082	Paleocene	
5083	Paleocene	
5084	Paleocene?	
5085	Paleocene	
5086	Paleocene	
5087	Paleocene	
5088	Paleocene	
5089	Paleocene	
5090	Paleocene	
5091	Paleocene	
5092	Miocene	
5093	Eocene	
5094	Eocene	
5095	Eocene	
5096	Eocene	
5097	no paleo info	
5098	Eocene	
5099	Eocene	

	I	M
1	ZONE/SERIES/AGT	
5100	Eocene	
5101	Eocene	
5102	Eocene	
5103	no paleo info	
5104	Eocene	
5105	Paleocene?	
5106	Paleocene?	
5107	Paleocene?	
5108	Eocene	
5109	Middle Miocene	
5110	Miocene	
5111	Eocene	
5112	Eocene	
5113	Eocene	
5114	Eocene	
5115	Miocene	
5116	barren	
5117	not diagnostic	
5118	Eocene	
5119	Paleocene?	
5120	Eocene	
5121	not diagnostic	
5122	Eocene	
5123	Eocene	
5124	no paleo info	
5125	Eocene	
5126	Eocene	
5127	Eocene	
5128	barren	
5129	Eocene	
5130	Eocene	
5131	no paleo info	
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5133	Eocene	
5134	Eocene	
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5139	Eocene	
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5141	Eocene	
5142	Eocene	
5143	Eocene	
5144	barren	
5145	Eocene?	
5146	Eocene?	
5147	barren	
5148	not diagnostic	
5149	not diagnostic	
5150	not diagnostic	
5151	Cret/Paleocene	
5152	Eocene	
5153	Eocene	
5154	Eocene	
5155	Eocene	
5156	barren	
5157	Eocene	
5158	Eocene	
5159	no paleo info	
5160	not diagnostic	
5161	Eocene	
5162	Eocene	
5163	Eocene	
5164	Eocene	
5165	Eocene	
5166	Eocene	
5167	Eocene	
5168	no paleo info	
5169	barren	
5170	barren	
5171	Upper? Miocene	
5172	Eocene	
5173	Eocene	
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5175	possibly Eocene	
5176	Eocene	
5177	barren	
5178	Upper Mohnian	
5179	Eocene	
5180	not diagnostic	
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5183	Eocene	
5184	Eocene	

	I	M
1	ONE/SERIES/AGT	
5185	Eocene	
5186	not diagnostic	
5187	barren	
5188	not diagnostic	
5189	prob Paleocene	
5190	barren	
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5192	not diagnostic	
5193	prob Paleocene	
5194	Paleocene	
5195	not diagnostic	
5196	not diagnostic	
5197	Eocene	
5198	no paleo info	
5199	no paleo info	
5200	Eocene	
5201	prob L Miocene	
5202	Eocene	
5203	barren	
5204	Paleocene E zone	
5205	not diagnostic	
5206	not diagnostic	
5207	not diagnostic	
5208	Eocene?	
5209	Eocene	
5210	Eocene	
5211	Eocene	
5212	Eocene	
5213	Eocene?	
5214	not diagnostic	
5215	Eocene	
5216	Eocene	
5217	no paleo info	
5218	not diagnostic	
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5220	Eocene	
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5222	Eocene	
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5224	Eocene	
5225	Eocene	
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5227	Eocene	
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5232	not diagnostic	
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5246	Eocene	
5247	Paleocene?	
5248	not diagnostic	
5249	barren	
5250	not diagnostic	
5251	Cretaceous	
5252	no paleo info	
5253	Miocene	
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	I	M
1	ZONE/SERIES/AGI	
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5271	Miocene	
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5275	Miocene	
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1	ZONE/SERIES/AGI	
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	I	M
1	ZONE/SERIES/AGE	
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5468	Miocene	
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5472	Miocene	
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5740	Pleistocene?	
5741	Eocene	
5742	Cret/Paleocene	
5743	Pleistocene?	
5744	Pleistocene?	
5745	Pleistocene?	
5746	Pleistocene?	
5747	Pleistocene?	
5748	Cret/Paleocene	
5749	Cretaceous?	
5750	Cretaceous	
5751	Paleocene?	
5752	barren	
5753	Cretaceous?	
5754	barren	
5755	not diagnostic	
5756	not diagnostic	
5757	Cret/Paleocene	
5758	Cretaceous	
5759	Eocene?	
5760	Cret/Paleocene	
5761	barren	
5762	barren	
5763	barren	
5764	not diagnostic	
5765	not diagnostic	
5766	U eocene A-1 zone	
5767	barren	
5768	Miocene	
5769	not diagnostic	
5770	Cret/Paleocene	
5771	Eocene?	
5772	barren	
5773	Eocene	
5774	Eocene?	
5775	Eocene?	
5776	possibly Eocene	
5777	possibly Eocene	
5778	not diagnostic	
5779	Eocene	

	I	M
1	ZONE/SERIES/AGT	
5780	not diagnostic	
5781	not diagnostic	
5782	Eocene	
5783	barren	
5784	possibly Eocene	
5785	possibly Eocene	
5786	possibly Eocene	
5787	possibly Eocene	
5788	possibly Eocene	
5789	barren	
5790	possibly Eocene	
5791	possibly Eocene	
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5799	Eocene	
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5821	Eocene	
5822	Cretaceous	
5823	Cretaceous	
5824	Cretaceous	
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5826	Cretaceous	
5827	Cretaceous	
5828	Cretaceous	
5829	Cretaceous	
5830	Upper Eocene	
5831	Upper Eocene	
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5856	not diagnostic	
5857	not diagnostic	
5858	Saucesian?	
5859	Saucesian?	
5860	Saucesian?	
5861	Saucesian?	
5862	Saucesian?	
5863	Saucesian?	
5864	Saucesian?	

	I	M
1	ONE/SERIES/AGT	
5865	Saucesian?	
5866	Saucesian?	
5867	Saucesian?	
5868	Saucesian?	
5869	Saucesian?	
5870	Saucesian?	
5871	no paleo info	
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5875	no paleo info	
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5877	Cret G-2	
5878	Cret G-2	
5879	Cret G-2	
5880	Cret G-2	
5881	Cret G-2	
5882	Cret G-2	
5883	barren	
5884	Saucesian	
5885	Saucesian	
5886	Prob. Saucesian	
5887	barren	
5888	Miocene	
5889	Zemorrian	
5890	not diagnostic	
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5905	no paleo info	
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5907	planktic Cret	
5908	barren	
5909	Lower Miocene	
5910	not diagnostic	
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5927	not diagnostic	
5928	planktic Cret	
5929	not diagnostic	
5930	not diagnostic	
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5932	planktic Cret	
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5934	not diagnostic	
5935	planktic Cret	
5936	planktic Cret	
5937	not diagnostic	
5938	Relizian	
5939	Relizian	
5940	Relizian	
5941	Saucesian	
5942	Saucesian	
5943	Saucesian	
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5948	Saucesian	
5949	Saucesian	

	I	M
1	ONE/SERIES/AGF	
5950	Saucesian	
5951	Saucesian	
5952	Saucesian	
5953	Saucesian	
5954	Saucesian	
5955	barren	
5956	barren	
5957	barren	
5958	barren	
5959	U Zemorrian?	
5960	Jur?	
5961	Jur?	
5962	Jur or Cret	
5963	Jur or Cret	
5964	Jur or Cret	
5965	Jur or Cret	
5966	Jur or Cret	
5967	Jur or Cret	
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5969	Jur or Cret	
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5978	Jur or Cret	
5979	Jur or Cret	
5980	Jur or Cret	
5981	Jur?	
5982	L Cretaceous	
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6015	L Cret K zone	
6016	L Cretaceous	
6017	L Cretaceous	
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6034	L Cretaceous	

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1	ZONE/SERIES/AGF	
6035	L Cretaceous	
6036	L Cretaceous	
6037	L Cretaceous	
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6044	L Cretaceous	
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6093	L Cret J zone	
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6103	U Cret G-2 zone	
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6105	U Cret G-2 zone	
6106	U Cret G-2 zone	
6107	U Cret G-2 zone	
6108	U Cret G-2 zone	
6109	Upper Cret H zone	
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6111	Upper Cret H zone	
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6118	Upper Cret H zone	
6119	Upper Cret H zone	

	I	M
1	ONE/SERIES/AGF	
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6132	Upper Cret H zone	
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6135	Upper Cret H zone	
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6148	Upper Cret I zone	
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6188	L Cret J-1 zone	
6189	L Cret J-1 zone	
6190	not diagnostic	
6191	Relizian	
6192	not diagnostic	
6193	Relizian	
6194	Middle Eocene	
6195	Middle Eocene	
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6201	Middle Eocene	
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6204	Middle Eocene	

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1	ONE/SERIES/AGT	
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6224	Middle Eocene	
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6226	Middle Eocene	
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6228	Middle Eocene	
6229	Upper Cretaceous	
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6236	Upper Cretaceous	
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6238	Upper Cretaceous	
6239	U Cret prob G-2	
6240	U Cret prob G-2	
6241	U Cret prob G-2	
6242	U Cret prob G-1	
6243	U Cret prob G-1	
6244	U Cret prob G-1	
6245	U Cret prob G-1	
6246	U Cret prob G-1	
6247	Upper Cretaceous	
6248	U Cretaceous	
6249	U Cretaceous	
6250	U Cretaceous	
6251	U Cretaceous	
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6286	U Cret G-2 zone	
6287	U Cret G-2 zone	
6288	U Cret G-2 zone	
6289	Upper Cret H zone	

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1	ONE/SERIES/AGF	
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6293	Upper Cret H zone	
6294	U Cret G-2 zone	
6295	U Cret G-2 zone	
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6297	U Cret G-2 zone	
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6299	U Cret G-2 zone	
6300	U Cret G-2 zone	
6301	U Cret G-2 zone	
6302	U Cret G-2 zone	
6303	U Cret G-2 zone	
6304	U Cret G-2 zone	
6305	U Cret G-2 zone	
6306	Upper Cret H zone	
6307	Upper Cret H zone	
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6309	Upper Cret H zone	
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6314	Upper Cret H zone	
6315	Upper Cret H zone	
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6318	Upper Cret H zone	
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6325	Upper Cret H zone	
6326	Upper Cret H zone	
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6329	Upper Cret H zone	
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6362	U Cret I-1 zone	
6363	U Cret G-2 zone	
6364	UL G-2 zone	
6365	UL G-2 zone	
6366	U Cret I-2 zone	
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1	ONE/SERIES/AG	
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1	ZONE/SERIES/AGT	
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6522	U Cret I-2 zone	
6523	Eocene	
6524	Eocene	
6525	Eocene	
6526	Eocene	
6527	barren	
6528	Eocene	
6529	Eocene	
6530	Eocene	
6531	Eocene	
6532	Eocene	
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	I	M
1	ZONE/SERIES/AGF	
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6547	Eocene	
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6549	Eocene	
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6551	assemblage slide	
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6567	Miocene	
6568	Miocene	
6569	Miocene	
6570	Oligocene?	
6571	U Cret poss H zon	
6572	U Cret poss H zon	
6573	U Cret poss H zon	
6574	U Cret poss H zon	
6575	U Cret poss H zon	
6576	U Cret poss H zon	
6577	no paleo info	
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6590	no paleo info	
6591	L Cret J-1 zone	
6592	L Cret J-1 zone	
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1	ONE/SERIES/AG	
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6682	L Cret J-1 zone	
6683	L Cret J-2 zone	
6684	L Cret J-2 zone	
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6799	L Cret J-1 zone	

	I	M
1	ONE/SERIES/AG	
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6863	U Jur M zone	
6864	Lower Cret L zone	
6865	Lower Cret L zone	
6866	Lower Cret L zone	
6867	Lower Cret L zone	
6868	Lower Cret L zone	
6869	Lower Cret L zone	
6870	Lower Cret L zone	
6871	Lower Cret L zone	
6872	Lower Cret K zone	
6873	Lower Cret K zone	
6874	Lower Cret K zone	
6875	L Cret J-2 zone	
6876	L Cret J-2 zone	
6877	L Cret J-2 zone	
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	I	M
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1	ONE/SERIES/AGI	
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7071	L Cret J-2 zone	
7072	not diagnostic	
7073	not diagnostic	
7074	not diagnostic	
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7210	Upper Eocene	
7211	Upper Eocene	
7212	Upper Eocene	
7213	Upper Eocene	
7214	Saucesian	
7215	Upper Saucesian	
7216	Upper Saucesian	
7217	Upper Saucesian	
7218	Upper Saucesian	
7219	Upper Saucesian	
7220	Sauc/ Relizian	
7221	Sauc/ Relizian	
7222	Upper Eocene	
7223	Upper Eocene	
7224	Upper Eocene	

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1	ONE/SERIES/AGF	
7225	Upper Eocene	
7226	Upper Eocene	
7227	not diagnostic	
7228	Sauc/ Relizian	
7229	Sauc/ Relizian	
7230	Sauc/ Relizian	
7231	Eocene	
7232	Eocene	
7233	Sauc/ Relizian	
7234	no paleo info	
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7239	Saucesian	
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7244	Saucesian	
7245	Saucesian	
7246	Saucesian	
7247	Saucesian	
7248	Sauc/ Relizian	
7249	Saucesian/Relizian	
7250	Upper Saucesian	
7251	barren	
7252	Upper Saucesian	
7253	Upper Saucesian	
7254	Upper Saucesian	
7255	Upper Saucesian	
7256	Miocene	
7257	Upper Miocene	
7258	not diagnostic	
7259	Upper Miocene	
7260	no paleo info	
7261	L or M Miocene	
7262	L or M Miocene	
7263	Relizian	
7264	Saucesian	
7265	Saucesian	
7266	Saucesian	
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7268	Saucesian	
7269	Relizian	
7270	Mohnian	
7271	Mohnian	
7272	Mohnian	
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7274	Mohnian	
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7276	Mohnian	
7277	Mohnian	
7278	Mohnian	
7279	Mohnian	
7280	Luisian	
7281	Luisian	
7282	Luisian	
7283	Luisian	
7284	Luisian	
7285	Upper Eocene	
7286	barren	
7287	Upper Eocene	
7288	Upper Eocene	
7289	Upper Eocene	
7290	Upper Eocene	
7291	Upper Eocene	
7292	Upper Eocene	
7293	Lower Eocene	
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7298	Lower Eocene	
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7301	Lower Eocene	
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7303	Lower Eocene	
7304	Lower Eocene	
7305	Lower Eocene	
7306	no paleo info	
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7310	no paleo info	
7311	no paleo info	
7312	no paleo info	
7313	no paleo info	
7314	Eocene	
7315	Eocene	
7316	Eocene	
7317	Eocene	
7318	Eocene	
7319	Eocene	
7320	Eocene	
7321	Upper Paleocene	
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7323	Upper Paleocene	
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7387	Lower Eocene	
7388	Lower Eocene	
7389	Lower Eocene	
7390	Middle Eocene	
7391	Middle Eocene	
7392	Middle Eocene	
7393	Middle Eocene	
7394	Middle Eocene	

	I	M
1	ONE/SERIES/AGF	
7395	Middle Eocene	
7396	Middle Eocene	
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7398	Middle Eocene	
7399	Middle Eocene	
7400	Middle Eocene	
7401	Middle Eocene	
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7445	Lower Eocene	
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7475	Lower Eocene	
7476	Lower Eocene	
7477	Lower Eocene	
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7479	Lower Eocene	

	I	M
1	ZONE/SERIES/AGI	
7480	Lower Eocene	
7481	Lower Eocene	
7482	Lower Eocene	
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7502	Middle Eocene	
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7507	Middle Eocene	
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7552	U Cret C/D-1 zone	
7553	U Cret C/D-1 zone	
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7563	U Cret C/D-1 zone	
7564	U Cret C/D-1 zone	

	I	M
1	ONE/SERIES/AGF	
7565	U Cret C/D-1 zone	
7566	U Cret C/D-1 zone	
7567	U Cret D-2 zone	
7568	U Cret D-2 zone	
7569	U Cret D-2 zone	
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7579	U Cret D-2 zone	
7580	U Cret D-2 zone	
7581	U Cret D-2 zone	
7582	U Cret E zone	
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7591	U Cret E zone	
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7593	Luisian	
7594	Upper Cretaceous	
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7610	U Cret F or G zone	
7611	U Cret F or G zone	
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7615	U Cret F or G zone	
7616	U Cret F or G zone	
7617	U Cret F or G zone	
7618	U Cret G-2 zone	
7619	U Cret G-2 zone	
7620	U Cret G-2 zone	
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7646	Miocene	
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1	ONE/SERIES/AGI	
7820	no paleo info	
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7850	Eocene	
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7854	not diagnostic	
7855	Eocene	
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7879	Saucesian/Reliziar	
7880	Saucesian/Reliziar	
7881	not diagnostic	
7882	Miocene	
7883	not diagnostic	
7884	Middle Miocene	
7885	Middle Miocene	
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7921	Relizian	
7922	Miocene	
7923	Miocene	
7924	Miocene	
7925	Miocene	
7926	not diagnostic	
7927	not diagnostic	
7928	not diagnostic	
7929	not diagnostic	
7930	Relizian	
7931	Relizian	
7932	Relizian	
7933	Relizian	
7934	Relizian	
7935	Sauc/Relizian	
7936	Sauc/Relizian	
7937	Upper Cretaceous	
7938	Upper Cretaceous	
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7988	Upper Cretaceous	
7989	Upper Cretaceous	

	I	M
1	ONE/SERIES/AGF	
7990	Upper Cretaceous	
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8057	Upper Cretaceous	
8058	Relizian	
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8062	Relizian	
8063	Saucesian	
8064	Saucesian	
8065	Saucesian	
8066	Saucesian	
8067	Saucesian	
8068	Middle Miocene	
8069	Luisian	
8070	Luisian	
8071	not diagnostic	
8072	not diagnostic	
8073	not diagnostic	
8074	barren	

	I	M
1	ONE/SERIES/AGI	
8075	not diagnostic	
8076	not diagnostic	
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8133	Upper Luisian	
8134	Pseudosaucesian	
8135	not diagnostic	
8136	Lower Mohnian	
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8142	Middle Miocene	
8143	Pseudosaucesian	
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8154	Lower Mohnian	
8155	Lower Mohnian	
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1	ONE/SERIES/AGT	
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8178	Relizian	
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8186	not diagnostic	
8187	Luisian	
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8201	Relizian	
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8205	Luisian	
8206	no paleo info	
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8208	no paleo info	
8209	contaminated	
8210	contaminated	
8211	Luisian	
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8213	Luisian	
8214	Luisian	
8215	Mohnian	
8216	not diagnostic	
8217	Upper Miocene	
8218	not diagnostic	
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8221	not diagnostic	
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8227	Mohnian	
8228	not diagnostic	
8229	Middle Miocene	
8230	Luisian	
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8232	Luisian	
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8234	Luisian	
8235	Relizian	
8236	Luisian	
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9262	Lower Miocene	
9263	Lower Miocene	
9264	Lower Miocene	

	I	M
1	ONE/SERIES/AGF	
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9268	Zemorrian	
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9349	Zemorrian	

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1	ONE/SERIES/AGE	
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9503	M Miocene	
9504	M Miocene	
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9506	L Miocene	
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9522	barren	
9523	barren	
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9529	M Miocene	
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9537	Saucesian	
9538	Luisian	
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9604	Eocene	

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9605	Eocene	
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9689	Eocene	

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1	ZONE/SERIES/AGE	
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9691	Eocene	
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9859	not diagnostic	

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1	ONE/SERIES/AGI	
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10850	Upper Cretaceous	
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11219	Lower Eocene	

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1	ONE/SERIES/AGE	
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12963	probably Miocene	
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12967	probably Miocene	
12968	not diagnostic	
12969	Middle Miocene	
12970	Middle Miocene	
12971	Luisian/Mohnian	
12972	Middle Miocene	
12973	probably Miocene	
12974	probably Miocene	
12975	probably Miocene	
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12989	Middle Mohnian	
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13004	Lower Mohnian	

	I	M
1	ONE/SERIES/AGT	
13005	Lower Mohnian	
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13015	Luisian/Mohnian	
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13024	Luisian/Mohnian	
13025	Luisian/Mohnian	
13026	Lower Miocene	
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13039	Saucesian	
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13047	not diagnostic	
13048	Eocene?	
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13058	barren	
13059	Eocene?	
13060	Eocene?	
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1	ONE/SERIES/AGF	
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1	ONE/SERIES/AG	
13260	Luisian/Mohnian	
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	I	M
1	ONE/SERIES/AGF	
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1	ONE/SERIES/AGF	
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13514	Miocene	

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1	ONE/SERIES/AGE	
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13518	Miocene	
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13560	Luisian/Mohnian	
13561	Luisian/Mohnian	
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	I	M
1	ONE/SERIES/AGE	
13856	no paleo info	
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13912	no age provided	
13913	M Eocene A-2 zon	
13914	M Eocene A-2 zon	
13915	M Eocene A-2 zon	
13916	M Eocene A-2 zon	
13917	M Eocene A-2 zon	
13918	M Eocene A-2 zon	
13919	M Eocene A-2 zon	
13920	M Eocene A-2 zon	
13921	M Eocene A-2 zon	
13922	M Eocene A-2 zon	
13923	M Eocene A-2 zon	
13924	M Eocene A-2 zon	
13925	M Eocene A-2 zon	
13926	M Eocene A-2 zon	
13927	M Eocene A-2 zon	
13928	M Eocene A-2 zon	
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13930	M Eocene A-2 zon	
13931	M Eocene A-2 zon	
13932	M Eocene A-2 zon	
13933	M Eocene A-2 zon	
13934	M Eocene A-2 zon	
13935	M Eocene A-2 zon	
13936	M Eocene A-2 zon	
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13938	M Eocene A-2 zon	
13939	M Eocene A-2 zon	
13940	M Eocene A-2 zon	

	I	M
1	ZONE/SERIES/AGI	
13941	M Eocene A-2 zone	
13942	no paleo info	
13943	no paleo info	
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14016	not diagnostic	
14017	not diagnostic	
14018	not diagnostic	
14019	not diagnostic	
14020	not diagnostic	
14021	not diagnostic	
14022	Lower Mohnian	
14023	Lower Mohnian	
14024	Lower Mohnian	
14025	Lower Mohnian	

	I	M
1	ONE/SERIES/AGF	
14026	Lower Mohnian	
14027	Lower Mohnian	
14028	Lower Mohnian	
14029	Lower Mohnian	
14030	Lower Mohnian	
14031	Lower Mohnian	
14032	Lower Mohnian	
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14037	Lower Mohnian	
14038	Lower Mohnian	
14039	Lower Mohnian	
14040	Luisian	
14041	Luisian	
14042	Luisian	
14043	Luisian	
14044	Luisian	
14045	Luisian	
14046	Luisian	
14047	Luisian	
14048	Luisian	
14049	Luisian	
14050	Luisian	
14051	Luisian	
14052	Zem/Saucesian?	
14053	Zem/Saucesian?	
14054	Zem/Saucesian?	
14055	Zem/Saucesian?	
14056	Zem/Saucesian?	
14057	Zem/Saucesian?	
14058	Zem/Saucesian?	
14059	Zem/Saucesian?	
14060	Zem/Saucesian?	
14061	Zem/Saucesian?	
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14064	Zem/Saucesian?	
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14070	Zem/Saucesian?	
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14074	Zem/Saucesian?	
14075	Zem/Saucesian?	
14076	Zem/Saucesian?	
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14078	Zem/Saucesian?	
14079	Zem/Saucesian?	
14080	Zem/Saucesian?	
14081	Zem/Saucesian?	
14082	Zem/Saucesian?	
14083	Zem/Saucesian?	
14084	Zem/Saucesian?	
14085	Zem/Saucesian?	
14086	Zem/Saucesian?	
14087	Zem/Saucesian?	
14088	Zem/Saucesian?	
14089	Upper Miocene	
14090	Upper Miocene	
14091	Upper Miocene	
14092	Upper Miocene	
14093	Upper Miocene	
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14096	Upper Miocene	
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14105	Upper Miocene	
14106	Upper Miocene	
14107	Upper Miocene	
14108	Upper Miocene	
14109	Upper Miocene	
14110	Upper Miocene	

	I	M
1	ONE/SERIES/AGT	
14111	Upper Miocene	
14112	Upper Miocene	
14113	Upper Miocene	
14114	Upper Miocene	
14115	Middle Miocene	
14116	Middle Miocene	
14117	Middle Miocene	
14118	Middle Miocene	
14119	Middle Miocene	
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14122	Middle Miocene	
14123	Middle Miocene	
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14126	Middle Miocene	
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14128	Middle Miocene	
14129	Pliocene	
14130	Pliocene	
14131	Pliocene	
14132	Pliocene	
14133	Pliocene	
14134	Pliocene	
14135	Pliocene	
14136	barren or not diag.	
14137	barren or not diag.	
14138	barren or not diag.	
14139	barren or not diag.	
14140	barren or not diag.	
14141	barren or not diag.	
14142	barren or not diag.	
14143	barren or not diag.	
14144	barren or not diag.	
14145	barren or not diag.	
14146	barren or not diag.	
14147	barren or not diag.	
14148	barren or not diag.	
14149	barren or not diag.	
14150	barren or not diag.	
14151	barren or not diag.	
14152	barren or not diag.	
14153	barren or not diag.	
14154	barren or not diag.	
14155	barren or not diag.	
14156	barren or not diag.	
14157	barren or not diag.	
14158	barren or not diag.	
14159	barren or not diag.	
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14162	barren or not diag.	
14163	barren or not diag.	
14164	barren or not diag.	
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14176	barren or not diag.	
14177	barren or not diag.	
14178	barren or not diag.	
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14187	barren or not diag.	
14188	barren or not diag.	
14189	barren or not diag.	
14190	barren or not diag.	
14191	barren or not diag.	
14192	barren or not diag.	
14193	barren or not diag.	
14194	barren or not diag.	
14195	barren or not diag.	

	I	M
1	ONE/SERIES/AGF	
14196	barren or not diag.	
14197	barren or not diag.	
14198	barren or not diag.	
14199	barren or not diag.	
14200	barren or not diag.	
14201	U Cret G-2 zone	
14202	barren or not diag.	
14203	barren or not diag.	
14204	barren or not diag.	
14205	barren or not diag.	
14206	barren or not diag.	
14207	barren or not diag.	
14208	barren or not diag.	
14209	barren or not diag.	
14210	barren or not diag.	
14211	barren or not diag.	
14212	barren or not diag.	
14213	barren or not diag.	
14214	barren or not diag.	
14215	barren or not diag.	
14216	barren or not diag.	
14217	barren or not diag.	
14218	barren or not diag.	
14219	U Cret F zone	
14220	barren or not diag.	
14221	barren or not diag.	
14222	barren or not diag.	
14223	barren or not diag.	
14224	barren or not diag.	
14225	barren or not diag.	
14226	barren or not diag.	
14227	barren or not diag.	
14228	barren or not diag.	
14229	barren or not diag.	
14230	barren or not diag.	
14231	barren or not diag.	
14232	barren or not diag.	
14233	barren or not diag.	
14234	barren or not diag.	
14235	barren or not diag.	
14236	barren or not diag.	
14237	barren or not diag.	
14238	barren or not diag.	
14239	barren or not diag.	
14240	barren or not diag.	
14241	barren or not diag.	
14242	barren or not diag.	
14243	barren or not diag.	
14244	barren or not diag.	
14245	barren or not diag.	
14246	barren or not diag.	
14247	barren or not diag.	
14248	U Cret D-2 zone	
14249	barren or not diag.	
14250	barren or not diag.	
14251	barren or not diag.	
14252	U Cret D-1 zone	
14253	U Cret D-1 zone	
14254	U Cret D-1 zone	
14255	U Cret D-1 zone	
14256	U Cret D-1 zone	
14257	U Cret D-1 zone	
14258	U Cret D-1 zone	
14259	U Cret D-1 zone	
14260	U Cret D-1 zone	
14261	U Cret D-1 zone	
14262	barren or not diag.	
14263	barren or not diag.	
14264	barren or not diag.	
14265	barren or not diag.	
14266	barren or not diag.	
14267	barren or not diag.	
14268	Eocene	
14269	barren or not diag.	
14270	barren or not diag.	
14271	barren or not diag.	
14272	U Cret F zone	
14273	U Cret F zone	
14274	Upper Cretaceous	
14275	Upper Cretaceous	
14276	U Cret F zone	
14277	Upper Cretaceous	
14278	Upper Cretaceous	
14279	Zemorrian?	
14280	not diagnostic	

	I	M
1	ONE/SERIES/AGT	
14281	not diagnostic	
14282	not diagnostic	
14283	not diagnostic	
14284	not diagnostic	
14285	not diagnostic	
14286	Upper Eocene	
14287	Upper Eocene	
14288	Upper Eocene	
14289	U Cret poss D-2	
14290	Upper Cretaceous	
14291	Upper Cretaceous	
14292	Upper Cretaceous	
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14299	no paleo info	
14300	no paleo info	
14301	U Cret G-2 zone	
14302	U Cret G-2 zone	
14303	U Cret H zone	
14304	U Cret H zone	
14305	U Cret H zone	
14306	U Cret H zone	
14307	Lower Mohnian	
14308	Lower Mohnian	
14309	Lower Mohnian	
14310	Lower Mohnian	
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14312	Lower Mohnian	
14313	Lower Mohnian	
14314	Lower Mohnian	
14315	Lower Mohnian	
14316	Lower Mohnian	
14317	Middle Mohnian	
14318	Middle Mohnian	
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14330	Middle Mohnian	
14331	Middle Mohnian	
14332	Upper Mohnian	
14333	Upper Mohnian	
14334	Upper Mohnian	
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14336	Upper Mohnian	
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14338	Upper Mohnian	
14339	Upper Mohnian	
14340	Upper Mohnian	
14341	Upper Mohnian	
14342	Upper Mohnian	
14343	Upper Mohnian	
14344	Upper Mohnian	
14345	Paleocene E zone	
14346	Paleocene E or D	
14347	not diagnostic	
14348	U Cret C/D-1 zone	
14349	U Cret E zone	
14350	U Cret E zone	
14351	U Cret D-2 zone	
14352	U Cret C/D-1 zone	
14353	U Cret F zone	
14354	U Cret E zone	
14355	U Cret E zone	
14356	U Cret D-2 zone	
14357	U Cret D-2 zone	
14358	U Cret D-2 zone	
14359	U Cret D-2 zone	
14360	U Cret D-2 zone	
14361	U Cret D-2 zone	
14362	U Cret D-2 zone	
14363	U Cret D-2 zone	
14364	U Cret D-2 zone	
14365	U Cret D-2 zone	

	I	M
1	ONE/SERIES/AGT	
14366	U Cret F zone	
14367	U Cret F zone	
14368	no paleo info	
14369	no paleo info	
14370	no paleo info	
14371	U Cret E zone	
14372	U Cret D-2 zone	
14373	U Cret D-2 zone	
14374	U Cret D-2 zone	
14375	U Cret C/D-1 zone	
14376	U Cret C/D-1 zone	
14377	U Cret C/D-1 zone	
14378	U Cret C/D-1 zone	
14379	U Cret F zone	
14380	U Cret F zone	
14381	U Cret F zone	
14382	U Cret F zone	
14383	U Cret F zone	
14384	U Cret F zone	
14385	U Cret F zone	
14386	U Cret F zone	
14387	U Cret F zone	
14388	U Cret F zone	
14389	U Cret F zone	
14390	U Cret F zone	
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14392	U Cret F zone	
14393	no paleo info	
14394	no paleo info	
14395	no paleo info	
14396	no paleo info	
14397	U Cret H zone	
14398	U Cret H zone	
14399	U Cret H zone	
14400	U Cret J-1 zone	
14401	U Cret J-1 zone	
14402	no paleo info	
14403	Luisian	
14404	Miocene	
14405	Miocene	
14406	Miocene	
14407	Miocene	
14408	Miocene	
14409	Miocene	
14410	Miocene	
14411	Miocene	
14412	not diagnostic	
14413	not diagnostic	
14414	Pliocene	
14415	Lower Pliocene	
14416	Pliocene?	
14417	Pliocene?	
14418	not diagnostic	
14419	barren	
14420	not diagnostic	
14421	not diagnostic	
14422	not diagnostic	
14423	not diagnostic	
14424	Pliocene?	
14425	not diagnostic	
14426	Upper Pliocene	
14427	Upper Pliocene	
14428	not diagnostic	
14429	not diagnostic	
14430	Pliocene	
14431	Pliocene	
14432	Pliocene	
14433	Pliocene	
14434	Pliocene	
14435	Pliocene	
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14437	Pliocene	
14438	Pliocene	
14439	Pliocene	
14440	Pliocene	
14441	Pliocene	
14442	Pliocene	
14443	Pliocene	
14444	Pliocene	
14445	Pliocene	
14446	Pliocene	
14447	Pliocene	
14448	Pliocene	
14449	Pliocene	
14450	Pliocene	

	I	M
1	ONE/SERIES/AG	
14451	Pliocene	
14452	Pliocene	
14453	Pliocene	
14454	Pliocene	
14455	Pliocene	
14456	Pliocene	
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14458	Pliocene	
14459	Pliocene	
14460	Pliocene	
14461	Pliocene	
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14463	Pliocene	
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14465	Pliocene	
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14495	Pliocene	
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14497	Pliocene	
14498	Pliocene	
14499	Pliocene	
14500	Pliocene	
14501	Pliocene	
14502	Pliocene	
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14507	Pliocene	
14508	Pliocene	
14509	Pliocene	
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14513	Pliocene	
14514	Pliocene	
14515	Pliocene	
14516	Pliocene	
14517	Pliocene	
14518	Pliocene	
14519	Pliocene	
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14521	Pliocene	
14522	Pliocene	
14523	Pliocene	
14524	Pliocene	
14525	Pliocene	
14526	Pliocene	
14527	Pliocene	
14528	Pliocene	
14529	Pliocene	
14530	Pliocene	
14531	Pliocene	
14532	Pliocene	
14533	Pliocene	
14534	Pliocene	
14535	Pliocene	

	I	M
1	ONE/SERIES/AG	
14536	Pliocene	
14537	Pliocene	
14538	Pliocene	
14539	Pliocene	
14540	Pliocene	
14541	Pliocene	
14542	Pliocene	
14543	Pliocene	
14544	Pliocene	
14545	Pliocene	
14546	Pliocene	
14547	Pliocene	
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14620	Upper Mohnian	

	I	M
1	ONE/SERIES/AGI	
14621	Upper Mohnian	
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14723	U Cret C/D-1	
14724	U Cret D-1 zone	
14725	not diagnostic	
14726	U Cret D zone	
14727	U Cret D-2 zone	
14728	barren	
14729	no paleo info	
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14764	U Cret D zone	
14765	not diagnostic	
14766	not diagnostic	
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14769	Upper Cretaceous	
14770	Upper Cretaceous	
14771	barren	
14772	barren	
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14774	not diagnostic	
14775	not diagnostic	
14776	not diagnostic	
14777	barren	
14778	not diagnostic	
14779	not diagnostic	
14780	U Cret C/D-1 zone	
14781	Upper Cretaceous	
14782	Upper Cretaceous	
14783	not diagnostic	
14784	Upper Cretaceous	
14785	Upper Cretaceous	
14786	no paleo info	
14787	Lower Mohnian	
14788	Lower Mohnian	
14789	Lower Mohnian	
14790	Lower Mohnian	

	I	M
1	ONE/SERIES/AGI	
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14871	Eocene	
14872	Lower Zemorrian	
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14875	Lower Zemorrian	

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1	ONE/SERIES/AG	
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	I	M
1	ONE/SERIES/AG	
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15045	Lower Zemorrian	

	I	M
1	ONE/SERIES/AGF	
15046	Lower Zemorrian	
15047	Lower Zemorrian	
15048	not diagnostic	
15049	not diagnostic	
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15051	not diagnostic	
15052	not diagnostic	
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15054	not diagnostic	
15055	not diagnostic	
15056	assemblage	
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15059	Lower Zemorrian	
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15067	Lower Zemorrian	
15068	Lower Zemorrian	
15069	Lower Zemorrian	
15070	not diagnostic	
15071	not diagnostic	
15072	not diagnostic	
15073	not diagnostic	
15074	not diagnostic	
15075	U Cret	
15076	poss L Cret	
15077	L Cret J zone	
15078	prob L Cret J zone	
15079	not diagnostic	
15080	not diagnostic	
15081	prob U Cret I zone	
15082	not diagnostic	
15083	U Cret H zone	
15084	not diagnostic	
15085	not diagnostic	
15086	prob U Cretaceous	
15087	not diagnostic	
15088	not diagnostic	
15089	prob L Cret J zone	
15090	not diagnostic	
15091	L Cret K zone	
15092	not diagnostic	
15093	L Cret K zone	
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15096	Jurassic M zone	
15097	not diagnostic	
15098	prob Jur M zone	
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15101	not diagnostic	
15102	L Cret J zone	
15103	prob L Cret J zone	
15104	prob L Cret J zone	
15105	L Cret J zone	
15106	poss U Cretaceous	
15107	poss U Cretaceous	
15108	not diagnostic	
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15110	L Cret J zone	
15111	L Cret J zone	
15112	L Cret J zone	
15113	not diagnostic	
15114	Eocene?	
15115	Eocene B-4/C	
15116	Cretaceous	
15117	U Cret D-1 zone	
15118	not diagnostic	
15119	U Cret D-1 zone	
15120	U Cret D-1 zone	
15121	no paleo info	
15122	Cretaceous	
15123	prob U Cret D-2	
15124	Cretaceous	
15125	not diagnostic	
15126	not diagnostic	
15127	Cretaceous	
15128	Cretaceous	
15129	Cretaceous	
15130	no paleo info	

	I	M
1	ONE/SERIES/AGT	
15131	Cretaceous	
15132	no paleo info	
15133	U Cret G-1 zone	
15134	no paleo info	
15135	Upper Cretaceous	
15136	barren	
15137	barren	
15138	Upper Cretaceous	
15139	U Cret F-2 zone	
15140	U Cret F-2 zone	
15141	Cretaceous	
15142	Upper Cret F/G	
15143	Upper Cret F/G	
15144	U Cret F-2 zone	
15145	Cretaceous	
15146	Cretaceous	
15147	U Cret G zone	
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15149	Cretaceous	
15150	Cretaceous	
15151	Cretaceous	
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1	ONE/SERIES/AGI	
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15245	Paleocene?	
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15251	Paleocene?	
15252	Paleocene?	
15253	Narizian?	
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1	ONE/SERIES/AG	
15301	no age provided	
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15340	no paleo info	
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15377	Miocene	
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15380	Miocene	
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1	ONE/SERIES/AGF	
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15387	barren	
15388	Luisian	
15389	not diagnostic	
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15401	Cretaceous	
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15420	Miocene	
15421	Miocene	
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1	ONE/SERIES/AGT	
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15647	Eocene	
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15649	Middle Eocene	
15650	Lower Eocene	
15651	Lower Eocene	
15652	not diagnostic	
15653	Eocene	
15654	Eocene	
15655	U Cret E zone	
15656	U Cret E zone	
15657	Upper Cretaceous	
15658	U Cret D-2 zone	
15659	U Cret D/E zones	
15660	Cretaceous	
15661	not diagnostic	
15662	Cretaceous	
15663	Cretaceous	
15664	Cretaceous	
15665	Cretaceous	
15666	not diagnostic	
15667	Upper Cretaceous	
15668	contaminated	
15669	contaminated?	
15670	Cretaceous	
15671	not diagnostic	
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15680	not diagnostic	
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15683	Upper Cretaceous	
15684	Lower Eocene	
15685	not diagnostic	
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15688	Lower Eocene	
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15850	Eocene	
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15975	Eocene	
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15977	no age provided	
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16175	Upper Cretaceous	
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16218	Mohnian	
16219	Mohnian	
16220	Mohnian	
16221	Mohnian	
16222	Mohnian	
16223	Mohnian	
16224	Mohnian	
16225	Mohnian	
16226	Mohnian	
16227	Mohnian	
16228	Mohnian	
16229	Mohnian	
16230	Mohnian	
16231	Mohnian	
16232	Mohnian	
16233	Mohnian	
16234	Mohnian	
16235	Mohnian	

	I	M
1	ONE/SERIES/AGF	
16236	Mohnian	
16237	Mohnian	
16238	Mohnian	
16239	Mohnian	
16240	Mohnian	
16241	Mohnian	
16242	Mohnian	
16243	Mohnian	
16244	Mohnian	
16245	Mohnian	
16246	Mohnian	
16247	Mohnian	
16248	Mohnian	
16249	Mohnian	
16250	Mohnian	
16251	Mohnian	
16252	Mohnian	
16253	Mohnian	
16254	Mohnian	
16255	Mohnian	
16256	Mohnian	
16257	not diagnostic	
16258	Eocene	
16259	U Cret E zone	
16260	Paleocene	
16261	Paleocene	
16262	Paleocene	
16263	Paleocene	
16264	Paleocene	
16265	Paleocene	
16266	Paleocene	
16267	Paleocene	
16268	Paleocene	
16269	Paleocene	
16270	Paleocene	
16271	Paleocene	
16272	Paleocene	
16273	Paleocene	
16274	Paleocene	
16275	Paleocene	
16276	Paleocene	
16277	Paleocene	
16278	Paleocene	
16279	Paleocene	
16280	Paleocene	
16281	Paleocene	
16282	Paleocene	
16283	Paleocene	
16284	Paleocene	
16285	Paleocene	
16286	Paleocene	
16287	Paleocene	
16288	Paleocene	
16289	Paleocene	
16290	Paleocene	
16291	Paleocene	
16292	Paleocene	
16293	Paleocene	
16294	Paleocene	
16295	Paleocene	
16296	Paleocene	
16297	Paleocene	
16298	Paleocene	
16299	Paleocene	
16300	Paleocene	
16301	Paleocene	
16302	Paleocene	
16303	Paleocene	
16304	Paleocene	
16305	Paleocene	
16306	Paleocene	
16307	Paleocene	
16308	Paleocene	
16309	Paleocene	
16310	Paleocene	
16311	Paleocene	
16312	Paleocene	
16313	Paleocene	
16314	Paleocene	
16315	Paleocene	
16316	Paleocene	
16317	Paleocene	
16318	Paleocene	
16319	Paleocene	
16320	Paleocene	

	I	M
1	ONE/SERIES/AGF	
16321	Paleocene	
16322	Paleocene	
16323	Paleocene	
16324	Paleocene	
16325	Paleocene	
16326	Paleocene	
16327	Paleocene	
16328	Paleocene	
16329	Paleocene	
16330	Paleocene	
16331	Paleocene	
16332	Paleocene	
16333	Paleocene	
16334	Paleocene	
16335	Paleocene	
16336	Paleocene	
16337	Paleocene	
16338	Paleocene	
16339	Paleocene	
16340	Paleocene	
16341	Paleocene	
16342	Paleocene	
16343	Paleocene	
16344	Paleocene	
16345	Paleocene	
16346	Paleocene	
16347	Paleocene	
16348	Eocene	
16349	barren	
16350	barren or not diag.	
16351	barren or not diag.	
16352	barren or not diag.	
16353	barren or not diag.	
16354	barren or not diag.	
16355	barren or not diag.	
16356	barren or not diag.	
16357	barren or not diag.	
16358	barren or not diag.	
16359	barren or not diag.	
16360	barren or not diag.	
16361	barren or not diag.	
16362	barren or not diag.	
16363	barren or not diag.	
16364	barren or not diag.	
16365	barren or not diag.	
16366	barren or not diag.	
16367	barren or not diag.	
16368	barren or not diag.	
16369	barren or not diag.	
16370	barren or not diag.	
16371	barren or not diag.	
16372	barren or not diag.	
16373	Eocene	
16374	Paleocene	
16375	Paleocene	
16376	Paleocene	
16377	no paleo info	
16378	no paleo info	
16379	barren	
16380	no paleo info	
16381	no paleo info	
16382	barren	
16383	barren	
16384	Lower Eocene	
16385	Lower Eocene	
16386	Lower Eocene	
16387	no paleo info	
16388	Lower Eocene	
16389	Eocene	
16390	Lower Eocene	
16391	Eocene	
16392	Lower Eocene	
16393	no paleo info	
16394	no paleo info	
16395	Lower Eocene	
16396	Lower Eocene	
16397	Lower Eocene	
16398	not diagnostic	
16399	barren	
16400	Lower Eocene	
16401	Eocene	
16402	Paleocene?	
16403	Paleocene?	
16404	Pliocene	
16405	Middle Miocene	

	I	M
1	ONE/SERIES/AGT	
16406	Middle Miocene	
16407	Middle Miocene	
16408	Middle Miocene	
16409	Middle Miocene	
16410	Middle Miocene	
16411	Middle Miocene	
16412	Middle Miocene	
16413	Middle Miocene	
16414	Middle Miocene	
16415	Middle Miocene	
16416	Middle Miocene	
16417	Middle Miocene	
16418	Middle Miocene	
16419	Middle Miocene	
16420	Middle Mohnian	
16421	Middle Mohnian	
16422	Middle Mohnian	
16423	Middle Mohnian	
16424	Middle Mohnian	
16425	Middle Mohnian	
16426	Upper Mohnian	
16427	Upper Mohnian	
16428	Upper Mohnian	
16429	Upper Mohnian	
16430	Upper Mohnian	
16431	Upper Mohnian	
16432	Upper Mohnian	
16433	Upper Mohnian	
16434	Upper Mohnian	
16435	Upper Mohnian	
16436	Upper Mohnian	
16437	Upper Mohnian	
16438	Upper Mohnian	
16439	Upper Mohnian	
16440	Upper Mohnian	
16441	Upper Mohnian	
16442	Upper Mohnian	
16443	Upper Mohnian	
16444	Upper Mohnian	
16445	Upper Mohnian	
16446	Upper Mohnian	
16447	not diagnostic	
16448	not diagnostic	
16449	not diagnostic	
16450	Pliocene	
16451	Pliocene	
16452	Pliocene	
16453	Pliocene	
16454	Pliocene	
16455	Pliocene	
16456	Pliocene	
16457	Pliocene	
16458	Pliocene	
16459	Pliocene	
16460	Pliocene	
16461	Pliocene	
16462	Pliocene	
16463	Pliocene	
16464	Pliocene	
16465	Pliocene	
16466	Pliocene	
16467	Pliocene	
16468	Pliocene	
16469	Pliocene	
16470	Pliocene	
16471	Pliocene	
16472	Pliocene	
16473	Pliocene	
16474	Pliocene	
16475	Pliocene	
16476	Pliocene	
16477	Pliocene	
16478	Pliocene	
16479	Pliocene	
16480	Pliocene	
16481	Pliocene	
16482	Pliocene	
16483	Pliocene	
16484	Pliocene	
16485	Pliocene	
16486	Pliocene	
16487	Pliocene	
16488	Pliocene	
16489	Pliocene	
16490	Pliocene	

	I	M
1	ONE/SERIES/AGT	
16491	Pliocene	
16492	Pliocene	
16493	Pliocene	
16494	Pliocene	
16495	Pliocene	
16496	Pliocene	
16497	Pliocene	
16498	Pliocene	
16499	Pliocene	
16500	Pliocene	
16501	Pliocene	
16502	Pliocene	
16503	Pliocene	
16504	Pliocene	
16505	Pliocene	
16506	Pliocene	
16507	Pliocene	
16508	Pliocene	
16509	Pliocene	
16510	Pliocene	
16511	Middle Miocene	
16512	Saucesian	
16513	Saucesian	
16514	Saucesian	
16515	no paloe info	
16516	no paloe info	
16517	no paloe info	
16518	no paloe info	
16519	Saucesian	
16520	Saucesian	
16521	Saucesian	
16522	Saucesian	
16523	Saucesian	
16524	Saucesian	
16525	Saucesian	
16526	Saucesian	
16527	Saucesian	
16528	Saucesian	
16529	Zemorrian	
16530	Zemorrian	
16531	Zemorrian	
16532	Zemorrian	
16533	Zemorrian	
16534	Zemorrian	
16535	Saucesian	
16536	Saucesian	
16537	Saucesian	
16538	Saucesian	
16539	Saucesian	
16540	Saucesian	
16541	Saucesian	
16542	Saucesian	
16543	Saucesian	
16544	Saucesian	
16545	Saucesian	
16546	Saucesian	
16547	Saucesian	
16548	Saucesian	
16549	Saucesian	
16550	Middle Miocene	
16551	Middle Miocene	
16552	Middle Miocene	
16553	Middle Miocene	
16554	Middle Miocene	
16555	Middle Miocene	
16556	Middle Miocene	
16557	Middle Miocene	
16558	Middle Miocene	
16559	Middle Miocene	
16560	Paleocene E zone	
16561	Middle Mohnian	
16562	Middle Mohnian	
16563	Middle Mohnian	
16564	Middle Mohnian	
16565	Middle Mohnian	
16566	Middle Mohnian	
16567	Middle Mohnian	
16568	Middle Mohnian	
16569	Middle Mohnian	
16570	Middle Mohnian	
16571	Middle Mohnian	
16572	Middle Mohnian	
16573	Middle Mohnian	
16574	Middle Mohnian	
16575	Middle Mohnian	

	I	M
1	ONE/SERIES/AG	
16576	Middle Mohnian	
16577	Middle Mohnian	
16578	Middle Mohnian	
16579	Middle Mohnian	
16580	Middle Mohnian	
16581	Middle Mohnian	
16582	Middle Mohnian	
16583	Middle Mohnian	
16584	Middle Mohnian	
16585	Middle Mohnian	
16586	Middle Mohnian	
16587	Middle Mohnian	
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16589	Middle Mohnian	
16590	Middle Mohnian	
16591	Middle Mohnian	
16592	Middle Mohnian	
16593	Middle Mohnian	
16594	Middle Mohnian	
16595	Middle Mohnian	
16596	Middle Mohnian	
16597	Middle Mohnian	
16598	Middle Mohnian	
16599	Middle Mohnian	
16600	Middle Mohnian	
16601	Luisian	
16602	Luisian	
16603	Luisian	
16604	Luisian	
16605	Luisian	
16606	Luisian	
16607	Luisian	
16608	Luisian	
16609	Luisian	
16610	Luisian	
16611	Luisian	
16612	Lower Mohnian	
16613	Lower Mohnian	
16614	Lower Mohnian	
16615	Lower Mohnian	
16616	Lower Mohnian	
16617	Lower Mohnian	
16618	Lower Mohnian	
16619	Lower Mohnian	
16620	Lower Mohnian	
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16624	Lower Mohnian	
16625	Lower Mohnian	
16626	Lower Mohnian	
16627	Lower Mohnian	
16628	Lower Mohnian	
16629	Lower Mohnian	
16630	Lower Mohnian	
16631	Lower Mohnian	
16632	Lower Mohnian	
16633	Lower Mohnian	
16634	Lower Mohnian	
16635	Lower Cretaceous	
16636	Lower Cretaceous	
16637	Lower Cretaceous	
16638	Lower Cretaceous	
16639	Lower Cretaceous	
16640	Lower Cretaceous	
16641	Lower Cretaceous	
16642	Lower Cretaceous	
16643	Lower Cretaceous	
16644	Lower Cretaceous	
16645	Lower Cretaceous	
16646	Lower Cretaceous	
16647	Lower Cretaceous	
16648	Lower Cretaceous	
16649	Lower Cretaceous	
16650	Lower Cretaceous	
16651	Lower Cretaceous	
16652	Lower Cretaceous	
16653	Lower Cretaceous	
16654	Lower Cretaceous	
16655	Lower Cretaceous	
16656	Lower Cretaceous	
16657	Lower Cretaceous	
16658	Lower Cretaceous	
16659	Lower Cretaceous	
16660	Lower Cretaceous	

	I	M
1	ONE/SERIES/AGF	
16661	Lower Cretaceous	
16662	Lower Cretaceous	
16663	Lower Cretaceous	
16664	Lower Cretaceous	
16665	Lower Cretaceous	
16666	Lower Cretaceous	
16667	Lower Cretaceous	
16668	Lower Cretaceous	
16669	Lower Cretaceous	
16670	Lower Cretaceous	
16671	Lower Cretaceous	
16672	Lower Cretaceous	
16673	Lower Cretaceous	
16674	Lower Cretaceous	
16675	Lower Cretaceous	
16676	Lower Cretaceous	
16677	Lower Cretaceous	
16678	Lower Cretaceous	
16679	Lower Cretaceous	
16680	Lower Cretaceous	
16681	Lower Cretaceous	
16682	Lower Cretaceous	
16683	Lower Cretaceous	
16684	Lower Cretaceous	
16685	Lower Cretaceous	
16686	Lower Cretaceous	
16687	Lower Cretaceous	
16688	Lower Cretaceous	
16689	Lower Cretaceous	
16690	Lower Cretaceous	
16691	Lower Cretaceous	
16692	Lower Cretaceous	
16693	Lower Cretaceous	
16694	Lower Cretaceous	
16695	Lower Cretaceous	
16696	Lower Cretaceous	
16697	Lower Cretaceous	
16698	L Cret L zone	
16699	L Cret L zone	
16700	L Cret L zone	
16701	L Cret L zone	
16702	L Cret L zone	
16703	L Cret L zone	
16704	L Cret L zone	
16705	L Cret L zone	
16706	L Cret L zone	
16707	L Cret L zone	
16708	L Cret L zone	
16709	L Cret L zone	
16710	L Cret L zone	
16711	L Cret L zone	
16712	L Cret L zone	
16713	L Cret L zone	
16714	L Cret L zone	
16715	L Cret L zone	
16716	L Cret L zone	
16717	L Cret L zone	
16718	L Cret L zone	
16719	L Cret L zone	
16720	L Cret L zone	
16721	L Cret L zone	
16722	L Cret L zone	
16723	L Cret L zone	
16724	L Cret L zone	
16725	L Cret L zone	
16726	L Cret L zone	
16727	L Cret L zone	
16728	L Cret L zone	
16729	L Cret L zone	
16730	L Cret L zone	
16731	L Cret L zone	
16732	L Cret L zone	
16733	L Cret L zone	
16734	L Cret L zone	
16735	L Cret L zone	
16736	L Cret L zone	
16737	L Cret M zone	
16738	L Cret M zone	
16739	L Cret M zone	
16740	U Jurassic M zone	
16741	U Jurassic M zone	
16742	U Jurassic M zone	
16743	U Jurassic M zone	
16744	U Jurassic M zone	
16745	U Jurassic M zone	

	I	M
1	ONE/SERIES/AGF	
16746	U Jurassic M zone	
16747	U Jurassic M zone	
16748	U Jurassic M zone	
16749	U Jurassic M zone	
16750	U Jurassic M zone	
16751	U Jurassic M zone	
16752	U Jurassic M zone	
16753	U Jurassic M zone	
16754	U Jurassic M zone	
16755	U Jurassic M zone	
16756	U Jurassic M zone	
16757	U Jurassic M zone	
16758	U Jurassic M zone	
16759	U Jurassic M zone	
16760	U Jurassic M zone	
16761	U Jurassic M zone	
16762	U Jurassic M zone	
16763	U Jurassic M zone	
16764	U Jurassic M zone	
16765	U Jurassic M zone	
16766	U Jurassic M zone	
16767	U Jurassic M zone	
16768	U Jurassic M zone	
16769	U Jurassic M zone	
16770	U Jurassic M zone	
16771	U Jurassic M zone	
16772	U Jurassic M zone	
16773	U Jurassic M zone	
16774	U Jurassic M zone	
16775	U Jurassic M zone	
16776	U Jurassic M zone	
16777	U Jurassic M zone	
16778	U Jurassic M zone	
16779	U Jurassic M zone	
16780	U Jurassic M zone	
16781	U Jurassic M zone	
16782	U Jurassic M zone	
16783	U Jurassic M zone	
16784	U Jurassic M zone	
16785	U Jurassic M zone	
16786	U Jurassic M zone	
16787	U Jurassic M zone	
16788	U Jurassic M zone	
16789	L Cret L zone	
16790	L Cret L zone	
16791	L Cret L zone	
16792	L Cret L zone	
16793	L Cret L zone	
16794	L Cret L zone	
16795	L Cret L zone	
16796	L Cret L zone	
16797	L Cret L zone	
16798	L Cret L zone	
16799	L Cret L zone	
16800	L Cret L zone	
16801	L Cret L zone	
16802	L Cret L zone	
16803	L Cret L zone	
16804	L Cret L zone	
16805	L Cret L zone	
16806	L Cret L zone	
16807	L Cret L zone	
16808	L Cret L zone	
16809	L Cret K zone	
16810	L Cret K zone	
16811	L Cret K zone	
16812	L Cret K zone	
16813	L Cret K zone	
16814	L Cret K zone	
16815	L Cret K zone	
16816	L Cret K zone	
16817	L Cret K zone	
16818	L Cret K zone	
16819	L Cret K zone	
16820	L Cret K zone	
16821	L Cret K zone	
16822	L Cret K zone	
16823	L Cret K zone	
16824	L Cret K zone	
16825	L Cret K zone	
16826	L Cret K zone	
16827	L Cret K zone	
16828	L Cret K zone	
16829	L Cret J-2 zone	
16830	L Cret J-2 zone	

	I	M
1	ONE/SERIES/AG	
16831	L Cret J-2 zone	
16832	L Cret J-2 zone	
16833	L Cret J-2 zone	
16834	L Cret J-2 zone	
16835	L Cret J-2 zone	
16836	L Cret J-2 zone	
16837	L Cret J-2 zone	
16838	L Cret J-2 zone	
16839	L Cret J-2 zone	
16840	L Cret J-2 zone	
16841	L Cret J-2 zone	
16842	L Cret J-2 zone	
16843	L Cret J-2 zone	
16844	L Cret J-2 zone	
16845	L Cret J-2 zone	
16846	L Cret J-2 zone	
16847	L Cret J-2 zone	
16848	L Cret J-2 zone	
16849	L Cret J-2 zone	
16850	L Cret J-2 zone	
16851	L Cret J-2 zone	
16852	L Cret J-2 zone	
16853	L Cret J-2 zone	
16854	L Cret J-2 zone	
16855	L Cret J-2 zone	
16856	L Cret J-2 zone	
16857	L Cret J-2 zone	
16858	L Cret J-2 zone	
16859	L Cret J-2 zone	
16860	L Cret J-2 zone	
16861	L Cret J-2 zone	
16862	L Cret J-2 zone	
16863	L Cret J-2 zone	
16864	L Cret J-2 zone	
16865	L Cret J-2 zone	
16866	L Cret J-2 zone	
16867	L Cret J-2 zone	
16868	L Cret J-2 zone	
16869	L Cret J-2 zone	
16870	L Cret J-2 zone	
16871	L Cret J-2 zone	
16872	L Cret J-1 zone	
16873	L Cret J-1 zone	
16874	L Cret J-1 zone	
16875	L Cret J-1 zone	
16876	L Cret J-1 zone	
16877	L Cret J-1 zone	
16878	L Cret J-1 zone	
16879	L Cret J-1 zone	
16880	L Cret J-1 zone	
16881	L Cret J-1 zone	
16882	L Cret J-1 zone	
16883	Upper Cret I zone	
16884	Upper Cret I zone	
16885	Upper Cret I zone	
16886	Upper Cret I zone	
16887	Upper Cret I zone	
16888	Upper Cret I zone	
16889	Upper Cret I zone	
16890	Upper Cret I zone	
16891	Upper Cret I zone	
16892	Upper Cret H zone	
16893	Upper Cret H zone	
16894	Upper Cret H zone	
16895	Upper Cret H zone	
16896	U Cret G-2 zone	
16897	U Cret G-2 zone	
16898	U Cret G-2 zone	
16899	U Cret G-2 zone	
16900	U Cret G-2 zone	
16901	U Cret G-1 zone	
16902	U Cret G-1 zone	
16903	U Cret F-2 zone	
16904	U Cret F-2 zone	
16905	U Cret F-2 zone	
16906	U Cret F-2 zone	
16907	U Cret F-1 zone	
16908	U Cret F-1 zone	
16909	U Cret F-1 zone	
16910	U Cret F-1 zone	
16911	U Cret F-1 zone	
16912	U Cret F-1 zone	
16913	U Cret F-1 zone	
16914	U Cret F-1 zone	
16915	U Cret F-1 zone	

	I	M
1	ONE/SERIES/AGF	
16916	U Cret F-1 zone	
16917	Pliocene	
16918	Upper Mohnian	
16919	Upper Mohnian	
16920	Upper Mohnian	
16921	Upper Mohnian	
16922	Upper Mohnian	
16923	Upper Mohnian	
16924	Upper Mohnian	
16925	Upper Mohnian	
16926	Upper Mohnian	
16927	Upper Mohnian	
16928	Upper Mohnian	
16929	Upper Mohnian	
16930	Upper Mohnian	
16931	Upper Mohnian	
16932	Upper Mohnian	
16933	Upper Mohnian	
16934	Upper Mohnian	
16935	Middle Mohnian	
16936	Middle Mohnian	
16937	Middle Mohnian	
16938	Middle Mohnian	
16939	Middle Mohnian	
16940	Middle Mohnian	
16941	Middle Mohnian	
16942	Middle Mohnian	
16943	Middle Mohnian	
16944	Middle Mohnian	
16945	Middle Mohnian	
16946	Middle Mohnian	
16947	Middle Mohnian	
16948	Middle Mohnian	
16949	Middle Mohnian	
16950	Middle Mohnian	
16951	Middle Mohnian	
16952	Middle Mohnian	
16953	Middle Mohnian	
16954	Middle Mohnian	
16955	U Cret J-1 zone	
16956	U Cret J-1 zone	
16957	U Cret J-1 zone	
16958	U Cret J-1 zone	
16959	L Cret J-1 zone	
16960	L Cret J-1 zone	
16961	Mohnian	
16962	Lower Mohnian	
16963	Lower Mohnian	
16964	not diagnostic	
16965	Lower Mohnian	
16966	Lower Mohnian	
16967	U Cret G-2 zone	
16968	U Cret G-2 zone	
16969	U Cret G-2 zone	
16970	U Cret G-2 zone	
16971	U Cret G-2 zone	
16972	U Cret G or H zone	
16973	Upper Cret H zone	
16974	Upper Cret H zone	
16975	Upper Cret H zone	
16976	Upper Cret H zone	
16977	Upper Cret H zone	
16978	Upper Cret H zone	
16979	Upper Cret H zone	
16980	Upper Cret H zone	
16981	Upper Cret H zone	
16982	Upper Cret H zone	
16983	Upper Cret H zone	
16984	Upper Cret H zone	
16985	Upper Cret H zone	
16986	Upper Cret H zone	
16987	Upper Cret H zone	
16988	Upper Cret H zone	
16989	Upper Cret H zone	
16990	Upper Cret H zone	
16991	Upper Cret H zone	
16992	Upper Cret H zone	
16993	Upper Cret H zone	
16994	Upper Cret H zone	
16995	Upper Cret H zone	
16996	Upper Cret H zone	
16997	Upper Cret H zone	
16998	Upper Cret H zone	
16999	Upper Cret H zone	
17000	Upper Cret H zone	

	I	M
1	ONE/SERIES/AGF	
17001	Upper Cret H zone	
17002	Upper Cret H zone	
17003	Upper Cret H zone	
17004	Upper Cret H zone	
17005	Upper Cret H zone	
17006	Upper Cret H zone	
17007	Upper Cret H zone	
17008	Upper Cret H zone	
17009	Upper Cret H zone	
17010	Upper Cret H zone	
17011	Upper Cret H zone	
17012	Upper Cret H zone	
17013	Upper Cret H zone	
17014	Upper Cret H zone	
17015	Upper Cret H zone	
17016	Upper Cret H zone	
17017	Upper Cret H zone	
17018	Upper Cret I zone	
17019	Upper Cret I zone	
17020	Upper Cret I zone	
17021	U Cret I or J zone	
17022	U Cret I or J zone	
17023	U Cret I or J zone	
17024	U Cret I or J zone	
17025	U Cret I or J zone	
17026	U Cret I or J zone	
17027	U Cret I or J zone	
17028	U Cret I or J zone	
17029	U Cret I or J zone	
17030	U Cret I or J zone	
17031	U Cret I or J zone	
17032	U Cret I or J zone	
17033	U Cret I or J zone	
17034	U Cret I or J zone	
17035	U Cret I or J zone	
17036	U Cret I or J zone	
17037	U Cret I or J zone	
17038	U Cret I or J zone	
17039	U Cret I or J zone	
17040	U Cret I or J zone	
17041	U Cret I or J zone	
17042	L Cret J-2 zone	
17043	L Cret J-2 zone	
17044	L Cret J-2 zone	
17045	L Cret J-2 zone	
17046	L Cret J-2 zone	
17047	L Cret J-2 zone	
17048	L Cret J-2 zone	
17049	L Cret J-2 zone	
17050	L Cret J-2 zone	
17051	L Cret J-2 zone	
17052	L Cret J-2 zone	
17053	L Cret J-2 zone	
17054	L Cret J-2 zone	
17055	L Cret J-2 zone	
17056	L Cret J-2 zone	
17057	L Cret J-2 zone	
17058	L Cret J-2 zone	
17059	L Cret J-2 zone	
17060	L Cret J-2 zone	
17061	L Cret J-2 zone	
17062	L Cret J-2 zone	
17063	Lower Cret L zone	
17064	Lower Cret L zone	
17065	Lower Cret L zone	
17066	Lower Cret L zone	
17067	Lower Cret L zone	
17068	Lower Cret L zone	
17069	Lower Cret L zone	
17070	Lower Cret L zone	
17071	Lower Cret L zone	
17072	Lower Cret L zone	
17073	Lower Cret L zone	
17074	Lower Cret L zone	
17075	Lower Cret L zone	
17076	Lower Cret L zone	
17077	Lower Cret L zone	
17078	Lower Cret L zone	
17079	Lower Cret L zone	
17080	Lower Cret K zone	
17081	Upper Cret H zone	
17082	Upper Cret H zone	
17083	Upper Cret H zone	
17084	Upper Cret H zone	
17085	Upper Cret H zone	

	I	M
1	ONE/SERIES/AGF	
17086	Upper Cret H zone	
17087	Upper Cret H zone	
17088	Upper Cret H zone	
17089	Upper Cret H zone	
17090	U Cret H or I zone	
17091	U Cret H or I zone	
17092	U Cret H or I zone	
17093	Upper Cret I zone	
17094	Upper Cret I zone	
17095	Upper Cret I zone	
17096	Upper Cret I zone	
17097	L Cret J-1 zone	
17098	L Cret J-1 zone	
17099	L Cret J-1 zone	
17100	L Cret J-1 zone	
17101	L Cret J-1 zone	
17102	L Cret J-1 zone	
17103	L Cret J-1 zone	
17104	L Cret J-1 zone	
17105	L Cret J-1 zone	
17106	L Cret J-1 zone	
17107	L Cret J-1 zone	
17108	L Cret J-1 zone	
17109	L Cret J-2 zone	
17110	L Cret J-2 zone	
17111	L Cret J-2 zone	
17112	L Cret J-2 zone	
17113	L Cret J-2 zone	
17114	L Cret J-2 zone	
17115	L Cret J-2 zone	
17116	L Cret J-2 zone	
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17118	L Cret J-2 zone	
17119	L Cret J-2 zone	
17120	L Cret J-2 zone	
17121	L Cret J-2 zone	
17122	L Cret J-2 zone	
17123	L Cret J-2 zone	
17124	U Jurassic M zone	
17125	U Jurassic M zone	
17126	U Jurassic M zone	
17127	U Jurassic M zone	
17128	U Jurassic M zone	
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17130	U Jurassic M zone	
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17136	U Jurassic M zone	
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17141	U Jurassic M zone	
17142	U Jurassic M zone	
17143	U Jurassic M zone	
17144	U Jurassic M zone	
17145	U Jurassic M zone	
17146	U Jurassic M zone	
17147	Lower Cret L zone	
17148	Lower Cret L zone	
17149	Lower Cret L zone	
17150	Lower Cret L zone	
17151	Lower Cret L zone	
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17153	Lower Cret L zone	
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17155	Lower Cret L zone	
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17159	Lower Cret L zone	
17160	Lower Cret L zone	
17161	Lower Cret L zone	
17162	Lower Cret L zone	
17163	Lower Cret L zone	
17164	Lower Cret L zone	
17165	Lower Cret L zone	
17166	Lower Cret L zone	
17167	not diagnostic	
17168	not diagnostic	
17169	not diagnostic	
17170	not diagnostic	

	I	M
1	ONE/SERIES/AGF	
17171	not diagnostic	
17172	Lower Cret K zone	
17173	Lower Cret K zone	
17174	Lower Cret K zone	
17175	Lower Cret K zone	
17176	Lower Cret K zone	
17177	Lower Cret K zone	
17178	Lower Cret K zone	
17179	Lower Cret K zone	
17180	Lower Cret K zone	
17181	Lower Cret K zone	
17182	Lower Cret K zone	
17183	not diagnostic	
17184	not diagnostic	
17185	not diagnostic	
17186	not diagnostic	
17187	L Cret J-2 zone	
17188	L Cret J-2 zone	
17189	L Cret J-2 zone	
17190	L Cret J-2 zone	
17191	L Cret J-2 zone	
17192	L Cret J-2 zone	
17193	L Cret J-2 zone	
17194	L Cret J-2 zone	
17195	L Cret J-2 zone	
17196	L Cret J-2 zone	
17197	L Cret J-2 zone	
17198	L Cret J-2 zone	
17199	L Cret J-2 zone	
17200	L Cret J-2 zone	
17201	L Cret J-2 zone	
17202	not diagnostic	
17203	not diagnostic	
17204	L Cret J-1 zone	
17205	L Cret J-1 zone	
17206	L Cret J-1 zone	
17207	L Cret J-1 zone	
17208	no paleo report	
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17255	no paleo report	

	I	M
1	ONE/SERIES/AG	
17256	no paleo report	
17257	no paleo report	
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17339	no paleo report	
17340	no paleo report	

	I	M
1	ONE/SERIES/AGF	
17341	no paleo report	
17342	no paleo report	
17343	Mohnian	
17344	Mohnian	
17345	Mohnian	
17346	Mohnian	
17347	Mohnian	
17348	Mohnian	
17349	Mohnian	
17350	Mohnian	
17351	Mohnian	
17352	Mohnian	
17353	Mohnian	
17354	Mohnian	
17355	Mohnian	
17356	Mohnian	
17357	Mohnian	
17358	Mohnian	
17359	Mohnian	
17360	Mohnian	
17361	Mohnian	
17362	Mohnian	
17363	Mohnian	
17364	Mohnian	
17365	Mohnian	
17366	Mohnian	
17367	Mohnian	
17368	Pliocene	
17369	Pliocene	
17370	Pliocene	
17371	Pliocene	
17372	Pliocene	
17373	Pliocene	
17374	not diagnostic	
17375	M Eocene A-2/C	
17376	M Eocene A-2/C	
17377	M Eocene A-2/C	
17378	M Eocene A-2/C	
17379	Lower Zemorrian	
17380	Lower Zemorrian	
17381	Lower Zemorrian	
17382	Lower Zemorrian	
17383	Lower Zemorrian	
17384	Lower Zemorrian	
17385	Lower Zemorrian	
17386	Lower Zemorrian	
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17399	Lower Zemorrian	
17400	Lower Zemorrian	
17401	Lower Zemorrian	
17402	Lower Zemorrian	
17403	Lower Zemorrian	
17404	Lower Zemorrian	
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17407	Lower Zemorrian	
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17411	Lower Zemorrian	
17412	Lower Zemorrian	
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17414	Lower Zemorrian	
17415	Lower Zemorrian	
17416	Lower Zemorrian	
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17420	Lower Zemorrian	
17421	Lower Zemorrian	
17422	Lower Zemorrian	
17423	Lower Zemorrian	
17424	Lower Zemorrian	
17425	Lower Zemorrian	

	I	M
1	ONE/SERIES/AG	
17426	Lower Zemorrian	
17427	Lower Zemorrian	
17428	Lower Zemorrian	
17429	Lower Zemorrian	
17430	Upper Zemorrian	
17431	Upper Zemorrian	
17432	Upper Zemorrian	
17433	Zemorrian	
17434	Zemorrian	
17435	Zemorrian	
17436	Zemorrian	
17437	Zemorrian	
17438	Zemorrian	
17439	Zemorrian	
17440	Zemorrian	
17441	Zemorrian	
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17456	Zemorrian	
17457	Zemorrian	
17458	Zemorrian	
17459	Zemorrian	
17460	Zemorrian	
17461	Refugian	
17462	Refugian	
17463	Refugian	
17464	Refugian	
17465	Refugian	
17466	Refugian	
17467	Refugian	
17468	Refugian	
17469	Eocene A zone	
17470	Eocene A zone	
17471	Eocene A zone	
17472	Eocene A zone	
17473	Eocene A zone	
17474	Eocene A zone	
17475	Eocene A zone	
17476	Eocene A zone	
17477	Eocene A zone	
17478	Zemorrian	
17479	Pliocene	
17480	Pliocene	
17481	Pliocene	
17482	Pliocene	
17483	Pliocene	
17484	Pliocene	
17485	Pliocene	
17486	Pliocene	
17487	Pliocene	
17488	Pliocene	
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17490	Pliocene	
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17494	Pliocene	
17495	Pliocene	
17496	Pliocene	
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17498	Pliocene	
17499	Pliocene	
17500	Pliocene	
17501	Pliocene	
17502	Pliocene	
17503	Pliocene	
17504	Pliocene	
17505	Pliocene	
17506	Pliocene	
17507	Pliocene	
17508	Pliocene	
17509	Pliocene	
17510	Pliocene	

	I	M
1	ONE/SERIES/AGF	
17511	Pliocene	
17512	Pliocene	
17513	Pliocene	
17514	Pliocene	
17515	Pliocene	
17516	Pliocene	
17517	Pliocene	
17518	Pliocene	
17519	Pliocene	
17520	Pliocene	
17521	Pliocene	
17522	Pliocene	
17523	Pliocene	
17524	Pliocene	
17525	Pliocene	
17526	Pliocene	
17527	Zemorrian	
17528	Zemorrian	
17529	Zemorrian	
17530	Zemorrian	
17531	Zemorrian	
17532	Zemorrian	
17533	Zemorrian	
17534	Mohnian	
17535	Mohnian	
17536	Mohnian	
17537	Mohnian	
17538	Mohnian	
17539	U Miocene	
17540	U Miocene	
17541	Luisian	
17542	Luisian	
17543	Luisian	
17544	Luisian	
17545	Luisian	
17546	Luisian	
17547	Luisian	
17548	Luisian	
17549	Luisian	
17550	Luisian	
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17555	Luisian	
17556	Luisian	
17557	Luisian	
17558	Luisian	
17559	Luisian	
17560	Luisian	
17561	Relizian/Luisian	
17562	Upper Cretaceous	
17563	Upper Cretaceous	
17564	Upper Cretaceous	
17565	not diagnostic	
17566	Lower Cretaceous	
17567	Refugian	
17568	Refugian	
17569	Refugian	
17570	Refugian	
17571	Ref/Narizian	
17572	Narizian A-1	
17573	Narizian A-1	
17574	Narizian A-1	
17575	Narizian A-1	
17576	Narizian A-1	
17577	Narizian A-1	
17578	Narizian A-1	
17579	Narizian A-1	
17580	Narizian A-1	
17581	Narizian A-1	
17582	Narizian A-1	
17583	Refugian	
17584	Refugian	
17585	Refugian	
17586	Refugian	
17587	Ref/Narizian	
17588	no information	
17589	no information	
17590	Zemorrian	
17591	Zemorrian	
17592	Zemorrian	
17593	Zemorrian	
17594	not diagnostic	
17595	Refugian	

	I	M
1	ONE/SERIES/AG	
17596	Refugian	
17597	Refugian	
17598	Refugian	
17599	Refugian	
17600	Refugian	
17601	Refugian	
17602	Refugian	
17603	Pliocene	
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17675	Pliocene	
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17678	Pliocene	
17679	Pliocene	
17680	Pliocene	

	I	M
1	ONE/SERIES/AG	
17681	Pliocene	
17682	Pliocene	
17683	Pliocene	
17684	Pliocene	
17685	Pliocene	
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17742	Pliocene	
17743	Pliocene	
17744	Eocene	
17745	Eocene	
17746	Zemorrian	
17747	Zemorrian	
17748	Zemorrian	
17749	Zemorrian	
17750	Zemorrian	
17751	Zemorrian	
17752	Zemorrian	
17753	Zemorrian	
17754	barren	
17755	barren	
17756	not diagnostic	
17757	not diagnostic	
17758	not diagnostic	
17759	Zemorrian	
17760	Zemorrian	
17761	not diagnostic	
17762	not diagnostic	
17763	not diagnostic	
17764	not diagnostic	
17765	not diagnostic	

	I	M
1	ONE/SERIES/AGF	
17766	not diagnostic	
17767	not diagnostic	
17768	not diagnostic	
17769	not diagnostic	
17770	not diagnostic	
17771	not diagnostic	
17772	not diagnostic	
17773	not diagnostic	
17774	not diagnostic	
17775	Zemorrian	
17776	not diagnostic	
17777	not diagnostic	
17778	U Cret G-1 zone	
17779	Upper Cretaceous	
17780	Upper Cretaceous	
17781	Upper Cretaceous	
17782	Upper Cretaceous	
17783	Upper Cretaceous	
17784	not diagnostic	
17785	not diagnostic	
17786	not diagnostic	
17787	Lower Eocene	
17788	not diagnostic	
17789	not diagnostic	
17790	not diagnostic	
17791	not diagnostic	
17792	not diagnostic	
17793	not diagnostic	
17794	not diagnostic	
17795	not diagnostic	
17796	not diagnostic	
17797	U Cret G-1 zone	
17798	not diagnostic	
17799	not diagnostic	
17800	Upper Cretaceous	
17801	Upper Cretaceous	
17802	Upper Cretaceous	
17803	U Cret G-1 zone	
17804	Upper Cretaceous	
17805	not diagnostic	
17806	not diagnostic	
17807	not diagnostic	
17808	not diagnostic	
17809	not diagnostic	
17810	not diagnostic	
17811	not diagnostic	
17812	not diagnostic	
17813	not diagnostic	
17814	not diagnostic	
17815	not diagnostic	
17816	not diagnostic	
17817	Paleocene E zone	
17818	Paleocene E zone	
17819	not diagnostic	
17820	Paleocene E zone	
17821	not diagnostic	
17822	not diagnostic	
17823	Cret/Paleocene	
17824	Upper Cretaceous	
17825	Upper Cretaceous	
17826	Upper Cret G-2	
17827	Upper Cret G-2	
17828	Paleocene E zone	
17829	Paleocene E zone	
17830	Lower Eocene	
17831	not diagnostic	
17832	Paleocene E zone	
17833	U Cret H zone	
17834	U Cret H zone	
17835	U Cret H zone	
17836	U Cret H zone	
17837	U Cret prob I zone	
17838	U Cret H/I zones	
17839	U Cret H/I zones	
17840	U Cret H/I zones	
17841	U Cret H/I zones	
17842	U Cret H/I zones	
17843	U Cret H/I zones	
17844	U Cret H/I zones	
17845	U Cret H/I zones	
17846	U Cret H/I zones	
17847	U Cret H/I zones	
17848	U Cret H/I zones	
17849	U Cret H/I zones	
17850	L Cret J zone	

	I	M
1	ZONE/SERIES/AGT	
17851	L Cret J zone	
17852	L Cret J zone	
17853	L Cret J zone	
17854	L Cret J zone	
17855	L Cret J zone	
17856	L Cret J zone	
17857	L Cret J zone	
17858	L Cret J zone	
17859	L Cret J zone	
17860	L Cret J-1 zone	
17861	L Cret J-1 zone	
17862	L Cret J zone	
17863	L Cret J zone	
17864	L Cret J zone	
17865	L Cret J zone	
17866	L Cret J zone	
17867	L Cret J zone	
17868	L Cret J zone	
17869	L Cret J-1 zone	
17870	L Cret J-1 zone	
17871	L Cret J zone	
17872	L Cret J zone	
17873	L Cret J zone	
17874	L Cret J zone	
17875	L Cret J zone	
17876	L Cret J zone	
17877	L Cret J zone	
17878	L Cret J zone	
17879	L Cret J zone	
17880	L Cret J zone	
17881	L Cret J zone	
17882	U Cret I zone	
17883	U Cret I zone	
17884	U Cret H zone	
17885	U Cret H zone	
17886	U Cret H zone	
17887	U Cret H zone	
17888	U Cret H zone	
17889	U Cret H zone	
17890	U Cret H zone	
17891	U Cret H zone	
17892	U Cret H zone	
17893	U Cret H zone	
17894	U Cret H zone	
17895	U Cret H zone	
17896	U Cret H zone	
17897	L Cret J-1 zone	
17898	L Cret J-1 zone	
17899	U Cret H zone	
17900	U Cret H zone	
17901	U Cret H zone	
17902	U Cret H zone	
17903	U Cret H zone	
17904	U Cret H zone	
17905	U Cret H zone	
17906	U Cret H zone	
17907	U Cret H zone	
17908	U Cret H zone	
17909	U Cret H zone	
17910	U Cret H zone	
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17920	U Cret H zone	
17921	U Cret H zone	
17922	U Cret H zone	
17923	U Cret H zone	
17924	U Cret H zone	
17925	U Cret H zone	
17926	U Cret H/I zones	
17927	U Cret H/I zones	
17928	U Cret H/I zones	
17929	U Cret H/I zones	
17930	U Cret H/I zones	
17931	U Cret H/I zones	
17932	U Cret H/I zones	
17933	U Cret H/I zones	
17934	U Cret H/I zones	
17935	U Cret H/I zones	

	I	M
1	ONE/SERIES/AG	
17936	U Cret H/I zones	
17937	U Cret H/I zones	
17938	U Cret H/I zones	
17939	U Cret H/I zones	
17940	U Cret H/I zones	
17941	U Cret H/I zones	
17942	U Cret I zone	
17943	U Cret I zone	
17944	U Cret I zone	
17945	U Cret H/I zones	
17946	U Cret H/I zones	
17947	U Cret H/I zones	
17948	U Cret H/I zones	
17949	U Cret H/I zones	
17950	U Cret H/I zones	
17951	U Cret H/I zones	
17952	U Cret H/I zones	
17953	U Cret H/I zones	
17954	U Cret H/I zones	
17955	U Cret H/I zones	
17956	U Cret H/I zones	
17957	L Cret J-1 zone	
17958	U Cret H/I zones	
17959	U Cret H/I zones	
17960	U Cret H/I zones	
17961	U Cret H/I zones	
17962	U Cret H/I zones	
17963	U Cret H/I zones	
17964	U Cret H/I zones	
17965	U Cret H/I zones	
17966	U Cret H/I zones	
17967	U Cret H/I zones	
17968	U Cret H/I zones	
17969	U Cret H/I zones	
17970	L Cret J-1 zone	
17971	not diagnostic	
17972	not diagnostic	
17973	not diagnostic	
17974	not diagnostic	
17975	U Cret I zone	
17976	U Cret I zone	
17977	U Cret I zone	
17978	U Cret I zone	
17979	U Cret I zone	
17980	U Cret I zone	
17981	U Cret I zone	
17982	U Cret I zone	
17983	U Cret I zone	
17984	not diagnostic	
17985	not diagnostic	
17986	Cret I/J zones	
17987	Cret I/J zones	
17988	Cret I/J zones	
17989	Cret I/J zones	
17990	Cret I/J zones	
17991	Cret I/J zones	
17992	Cret I/J zones	
17993	Cret I/J zones	
17994	Cret I/J zones	
17995	Cret I/J zones	
17996	L Cret J-1 zone	
17997	L Cret J-1 zone	
17998	L Cret J-1 zone	
17999	L Cret J-1 zone	
18000	L Cret J-1 zone	
18001	L Cret J-1 zone	
18002	L Cret J-1 zone	
18003	L Cret J-1 zone	
18004	L Cret J-1 zone	
18005	L Cret J-1 zone	
18006	L Cret J-1 zone	
18007	L Cret J-1 zone	
18008	L Cret J-1 zone	
18009	Prob U Cret	
18010	Prob U Cret	
18011	Prob U Cret	
18012	Prob U Cret	
18013	Prob U Cret	
18014	Prob U Cret	
18015	Prob U Cret	
18016	Prob U Cret	
18017	Prob U Cret	
18018	Prob U Cret	
18019	Prob U Cret	
18020	Prob U Cret	

	I	M
1	ONE/SERIES/AGF	
18021	Prob U Cret	
18022	Prob U Cret	
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18024	Prob U Cret	
18025	Prob U Cret	
18026	Prob U Cret	
18027	Prob U Cret	
18028	Prob U Cret	
18029	Prob U Cret	
18030	Prob U Cret	
18031	Prob U Cret	
18032	Prob U Cret	
18033	not diagnostic	
18034	not diagnostic	
18035	not diagnostic	
18036	not diagnostic	
18037	not diagnostic	
18038	not diagnostic	
18039	not diagnostic	
18040	not diagnostic	
18041	not diagnostic	
18042	not diagnostic	
18043	L Cret J-1 zone	
18044	not diagnostic	
18045	not diagnostic	
18046	not diagnostic	
18047	not diagnostic	
18048	not diagnostic	
18049	not diagnostic	
18050	not diagnostic	
18051	not diagnostic	
18052	not diagnostic	
18053	not diagnostic	
18054	L Cret K zone	
18055	L Cret K zone	
18056	L Cret K zone	
18057	L Cret K zone	
18058	L Cret K zone	
18059	L Cret K zone	
18060	L Cret K zone	
18061	L Cret K zone	
18062	L Cret K zone	
18063	L Cret K zone	
18064	L Cret K zone	
18065	L Cret K zone	
18066	L Cret K zone	
18067	L Cret K zone	
18068	L Cret K zone	
18069	L Cret K zone	
18070	L Cret K zone	
18071	Eocene	
18072	U Cret G-1 zone	
18073	U Cret G-1 zone	
18074	U Cret H zone	
18075	L Cret J-1 zone	
18076	L Cret J-1 zone	
18077	L Cret J-1 zone	
18078	not diagnostic	
18079	not diagnostic	
18080	L Cret J-1 zone	
18081	L Cret J-1 zone	
18082	L Cret J-1 zone	
18083	L Cret J-1 zone	
18084	L Cret J-1 zone	
18085	not diagnostic	
18086	not diagnostic	
18087	L Cret J-1 zone	
18088	U Cret I zone	
18089	not diagnostic	
18090	U Cret H zone	
18091	not diagnostic	
18092	U Cret H zone	
18093	U Cret H zone	
18094	not diagnostic	
18095	Upper Cretaceous	
18096	U Cret H zone	
18097	U Cret H zone	
18098	U Cret H zone	
18099	U Cret H zone	
18100	U Cret H zone	
18101	U Cret H zone	
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18104	U Cret H zone	
18105	U Cret H zone	

	I	M
1	ZONE/SERIES/AGT	
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18107	U Cret H zone	
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1	ONE/SERIES/AG	
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18213	U Cret H zone	
18214	U Cret H zone	
18215	U Cret H zone	
18216	U Cret H zone	
18217	U Cret H zone	
18218	U Cret I zone	
18219	U Cret I zone	
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18262	U Cret I zone	
18263	L Cret J-1 zone	
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18275	L Cret J-1 zone	

	I	M
1	ONE/SERIES/AG	
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18345	L Cret J-1 zone	
18346	L Cret J-2 zone	
18347	L Cret J-2 zone	
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18360	L Cret J-2 zone	

	I	M
1	ONE/SERIES/AG	
18361	L Cret J-2 zone	
18362	L Cret J-2 zone	
18363	L Cret J-2 zone	
18364	L Cret J-2 zone	
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18398	L Cret J-2 zone	
18399	L Cret J-2 zone	
18400	L Cret J-2 zone	
18401	L Cret J-2 zone	
18402	L Cret J-2 zone	
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18404	L Cret J-2 zone	
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18411	L Cret J-2 zone	
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18437	L Cret J-2 zone	
18438	L Cret J-2 zone	
18439	L Cret J-2 zone	
18440	L Cret J-2 zone	
18441	L Cret J-2 zone	
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18443	L Cret J-2 zone	
18444	L Cret J-2 zone	
18445	L Cret J-2 zone	

	I	M
1	ONE/SERIES/AG	
18446	L Cret J-2 zone	
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18466	L Cret J-2 zone	
18467	L Cret J-2 zone	
18468	L Cret J-2 zone	
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18470	L Cret J-2 zone	
18471	L Cret J-2 zone	
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18473	L Cret J-2 zone	
18474	L Cret J-2 zone	
18475	L Cret J-2 zone	
18476	L Cret J-2 zone	
18477	L Cret J-2 zone	
18478	L Cret J-2 zone	
18479	L Cret J-2 zone	
18480	L Cret J-2 zone	
18481	L Cret J-2 zone	
18482	L Cret J-2 zone	
18483	L Cret J-2 zone	
18484	L Cret J-2 zone	
18485	L Cret J-2 zone	
18486	L Cret J-2 zone	
18487	L Cret J-2 zone	
18488	L Cret J-2 zone	
18489	L Cret J-2 zone	
18490	L Cret J-2 zone	
18491	L Cret J-2 zone	
18492	L Cret J-2 zone	
18493	L Cret J-2 zone	
18494	L Cret J-2 zone	
18495	L Cret J-2 zone	
18496	L Cret J-2 zone	
18497	L Cret J-2 zone	
18498	L Cret J-2 zone	
18499	L Cret J-2 zone	
18500	L Cret J-2 zone	
18501	L Cret J-2 zone	
18502	L Cret J-2 zone	
18503	L Cret J-2 zone	
18504	L Cret J-2 zone	
18505	L Cret J-2 zone	
18506	L Cret J-2 zone	
18507	L Cret J-2 zone	
18508	L Cret J-2 zone	
18509	L Cret J-2 zone	
18510	L Cret J-2 zone	
18511	L Cret J-2 zone	
18512	L Cret J-2 zone	
18513	L Cret J-2 zone	
18514	L Cret J-2 zone	
18515	L Cret J-2 zone	
18516	L Cret J-2 zone	
18517	L Cret J-2 zone	
18518	L Cret J-2 zone	
18519	L Cret J-2 zone	
18520	L Cret J-2 zone	
18521	L Cret J-2 zone	
18522	L Cret J-2 zone	
18523	L Cret J-2 zone	
18524	L Cret J-2 zone	
18525	L Cret J-2 zone	
18526	L Cret J-2 zone	
18527	L Cret J-2 zone	
18528	L Cret J-2 zone	
18529	L Cret J-2 zone	
18530	L Cret J-2 zone	

	I	M
1	ONE/SERIES/AGT	
18531	L Cret J-2 zone	
18532	L Cret J-2 zone	
18533	L Cret J-2 zone	
18534	L Cret J-2 zone	
18535	L Cret J-2 zone	
18536	L Cret J-2 zone	
18537	L Cret J-2 zone	
18538	L Cret J-2 zone	
18539	L Cret J-2 zone	
18540	L Cret J-2 zone	
18541	L Cret J-2 zone	
18542	L Cret J-2 zone	
18543	L Cret J-2 zone	
18544	L Cret J-2 zone	
18545	L Cret J-2 zone	
18546	L Cret J-2 zone	
18547	L Cret J-2 zone	
18548	L Cret J-2 zone	
18549	L Cret J-2 zone	
18550	not diagnostic	
18551	not diagnostic	
18552	not diagnostic	
18553	not diagnostic	
18554	not diagnostic	
18555	L Cret J-1 zone	
18556	L Cret J-1 zone	
18557	L Cret J-1 zone	
18558	not diagnostic	
18559	not diagnostic	
18560	not diagnostic	
18561	U Cret H zone	
18562	U Cret H zone	
18563	U Cret H zone	
18564	U Cret H zone	
18565	U Cret H zone	
18566	L Cret J-1 zone	
18567	L Cret J-1 zone	
18568	L Cret J-1 zone	
18569	L Cret J-1 zone	
18570	L Cret J-1 zone	
18571	not diagnostic	
18572	not diagnostic	
18573	not diagnostic	
18574	not diagnostic	
18575	not diagnostic	
18576	not diagnostic	
18577	not diagnostic	
18578	L Cret J-1 zone	
18579	L Cret J-1 zone	
18580	L Cret J-1 zone	
18581	L Cret J-1 zone	
18582	L Cret J-1 zone	
18583	L Cret J-1 zone	
18584	L Cret J-1 zone	
18585	not diagnostic	
18586	L Cret J-1 zone	
18587	L Cret J-1 zone	
18588	L Cret J-1 zone	
18589	L Cret J-1 zone	
18590	L Cret J-1 zone	
18591	L Cret J-1 zone	
18592	L Cret J-1 zone	
18593	L Cret J-1 zone	
18594	L Cret J-1 zone	
18595	L Cret J-1 zone	
18596	L Cret J-1 zone	
18597	L Cret J-1 zone	
18598	L Cret J-1 zone	
18599	L Cret J-1 zone	
18600	L Cret J-1 zone	
18601	L Cret J-1 zone	
18602	L Cret J-1 zone	
18603	L Cret J-1 zone	
18604	L Cret J-1 zone	
18605	L Cret J-1 zone	
18606	L Cret J-1 zone	
18607	L Cret J-1 zone	
18608	L Cret J-1 zone	
18609	L Cret J-1 zone	
18610	L Cret J-1 zone	
18611	L Cret J-1 zone	
18612	Prob U Cret H zone	
18613	not diagnostic	
18614	L Cret J-1 zone	
18615	L Cret J-1 zone	

	I	M
1	ONE/SERIES/AGF	
18616	L Cret J-1 zone	
18617	Prob U Cret H zone	
18618	Prob U Cret H zone	
18619	Prob U Cret H zone	
18620	Prob U Cret H zone	
18621	Prob U Cret H zone	
18622	Prob U Cret H zone	
18623	Prob U Cret H zone	
18624	Prob U Cret H zone	
18625	Prob U Cret H zone	
18626	Prob U Cret H zone	
18627	Prob U Cret H zone	
18628	L Cret J-1 zone	
18629	L Cret J-1 zone	
18630	L Cret J-1 zone	
18631	L Cret J-1 zone	
18632	L Cret J-1 zone	
18633	U Cret I zone	
18634	U Cret I zone	
18635	U Cret I zone	
18636	no paleo info	
18637	no paleo info	
18638	L Cret J-1 zone	
18639	L Cret J-1 zone	
18640	not diagnostic	
18641	not diagnostic	
18642	not diagnostic	
18643	not diagnostic	
18644	not diagnostic	
18645	L Cret J-1 zone	
18646	not diagnostic	
18647	not diagnostic	
18648	not diagnostic	
18649	not diagnostic	
18650	not diagnostic	
18651	not diagnostic	
18652	not diagnostic	
18653	not diagnostic	
18654	not diagnostic	
18655	L Cret J-1 zone	
18656	L Cret J-1 zone	
18657	L Cret J-1 zone	
18658	L Cret J-1 zone	
18659	L Cret J-1 zone	
18660	L Cret J-1 zone	
18661	L Cret J-1 zone	
18662	L Cret J-1 zone	
18663	L Cret J-1 zone	
18664	L Cret J-1 zone	
18665	L Cret J-2 zone	
18666	L Cret J-1 zone	
18667	Prob L Cret J-1	
18668	Prob L Cret J-1	
18669	L Cret J-1 zone	
18670	L Cret J-1 zone	
18671	not diagnostic	
18672	L Cret J-2 zone	
18673	L Cret J-2 zone	
18674	L Cret J-2 zone	
18675	L Cret J-2 zone	
18676	L Cret J-2 zone	
18677	L Cret J-2 zone	
18678	L Cret J-2 zone	
18679	L Cret J-2 zone	
18680	L Cret J-2 zone	
18681	L Cret J-2 zone	
18682	L Cret J-2 zone	
18683	L Cret J-2 zone	
18684	L Cret J-2 zone	
18685	L Cret J-2 zone	
18686	L Cret J-2 zone	
18687	L Cret J-2 zone	
18688	L Cret J-2 zone	
18689	not diagnostic	
18690	L Cret J-2 zone	
18691	L Cret J-2 zone	
18692	Poss L Cret J-2	
18693	Poss L Cret J-2	
18694	Poss L Cret J-2	
18695	Poss L Cret J-2	
18696	Poss L Cret J-2	
18697	Poss L Cret J-2	
18698	Poss L Cret J-2	
18699	Poss L Cret J-2	
18700	Poss L Cret J-2	

	I	M
1	ONE/SERIES/AG	
18701	Poss L Cret J-2	
18702	Poss L Cret J-2	
18703	Poss L Cret J-2	
18704	Poss L Cret J-2	
18705	Poss L Cret J-2	
18706	Poss L Cret J-2	
18707	Poss L Cret J-2	
18708	Poss L Cret J-2	
18709	Poss L Cret J-2	
18710	Poss L Cret J-2	
18711	Poss L Cret J-2	
18712	Poss L Cret J-2	
18713	Poss L Cret J-2	
18714	Poss L Cret J-2	
18715	Poss L Cret J-2	
18716	Poss L Cret J-2	
18717	Poss L Cret J-2	
18718	Poss L Cret J-2	
18719	Poss L Cret J-2	
18720	Poss L Cret J-2	
18721	Poss L Cret J-2	
18722	Poss L Cret J-2	
18723	Poss L Cret J-2	
18724	Poss L Cret J-2	
18725	Poss L Cret J-2	
18726	Poss L Cret J-2	
18727	Poss L Cret J-2	
18728	Poss L Cret J-2	
18729	Poss L Cret J-2	
18730	Poss L Cret J-2	
18731	Poss L Cret J-2	
18732	Poss L Cret J-2	
18733	Poss L Cret J-2	
18734	Poss L Cret J-2	
18735	Poss L Cret J-2	
18736	Poss L Cret J-2	
18737	Poss L Cret J-2	
18738	Poss L Cret J-2	
18739	Poss L Cret J-2	
18740	Poss L Cret J-2	
18741	Poss L Cret J-2	
18742	Poss L Cret J-2	
18743	Poss L Cret J-2	
18744	Poss L Cret J-2	
18745	Poss L Cret J-2	
18746	Poss L Cret J-2	
18747	Poss L Cret J-2	
18748	Poss L Cret J-2	
18749	Poss L Cret J-2	
18750	Poss L Cret J-2	
18751	Poss L Cret J-2	
18752	Poss L Cret J-2	
18753	Poss L Cret J-2	
18754	Poss L Cret J-2	
18755	Poss L Cret J-2	
18756	Poss L Cret J-2	
18757	Poss L Cret J-2	
18758	Poss L Cret J-2	
18759	Poss L Cret J-2	
18760	Poss L Cret J-2	
18761	Poss L Cret J-2	
18762	Poss L Cret J-2	
18763	Poss L Cret J-2	
18764	Poss L Cret J-2	
18765	Poss L Cret J-2	
18766	Poss L Cret J-2	
18767	Poss L Cret J-2	
18768	Poss L Cret J-2	
18769	Poss L Cret J-2	
18770	Poss L Cret J-2	
18771	Poss L Cret J-2	
18772	Poss L Cret J-2	
18773	Poss L Cret J-2	
18774	Poss L Cret J-2	
18775	Poss L Cret J-2	
18776	Poss L Cret J-2	
18777	Poss L Cret J-2	
18778	Poss L Cret J-2	
18779	Poss L Cret J-2	
18780	Poss L Cret J-2	
18781	Poss L Cret J-2	
18782	L Cret K zone	
18783	L Cret K zone	
18784	L Cret K zone	
18785	L Cret L zone	

	I	M
1	ONE/SERIES/AG	
18786	L Cret L zone	
18787	L Cret L zone	
18788	L Cret L zone	
18789	L Cret L zone	
18790	L Cret L zone	
18791	L Cret L zone	
18792	L Cret L zone	
18793	L Cret L zone	
18794	L Cret L zone	
18795	L Cret L zone	
18796	L Cret L zone	
18797	L Cret L zone	
18798	L Cret L zone	
18799	L Cret L zone	
18800	L Cret L zone	
18801	L Cret L zone	
18802	L Cret L zone	
18803	L Cret L zone	
18804	L Cret L zone	
18805	L Cret L zone	
18806	L Cret L zone	
18807	L Cret L zone	
18808	L Cret L zone	
18809	L Cret K zone	
18810	L Cret K zone	
18811	L Cret L zone	
18812	L Cret L zone	
18813	L Cret L zone	
18814	L Cret K zone	
18815	not diagnostic	
18816	not diagnostic	
18817	not diagnostic	
18818	L Cret J-1 zone	
18819	not diagnostic	
18820	not diagnostic	
18821	not diagnostic	
18822	not diagnostic	
18823	not diagnostic	
18824	not diagnostic	
18825	not diagnostic	
18826	not diagnostic	
18827	not diagnostic	
18828	not diagnostic	
18829	not diagnostic	
18830	L Cret J-1 zone	
18831	L Cret J-1 zone	
18832	L Cret J-1 zone	
18833	L Cret J-1 zone	
18834	not diagnostic	
18835	not diagnostic	
18836	Upper Cretaceous	
18837	L Cret J zone	
18838	not diagnostic	
18839	not diagnostic	
18840	L Cret J zone	
18841	L Cret J zone	
18842	L Cret J zone	
18843	not diagnostic	
18844	not diagnostic	
18845	L Cret J zone	
18846	L Cret J zone	
18847	not diagnostic	
18848	L Cret J zone	
18849	Prob L Cret J zone	
18850	Prob L Cret J zone	
18851	L Cret J zone	
18852	L Cret J zone	
18853	L Cret J zone	
18854	Cretaceous	
18855	Cretaceous	
18856	Upper Cretaceous	
18857	Upper Cretaceous	
18858	U Cret G-2 zone	
18859	U Cret G-2 zone	
18860	U Cret G-2 zone	
18861	Prob U Cret G-2	
18862	U Cret H or I zone	
18863	not diagnostic	
18864	not diagnostic	
18865	L Cret I zone	
18866	L Cret J zone	
18867	L Cret J zone	
18868	L Cret J zone	
18869	L Cret J zone	
18870	L Cret J zone	

	I	M
1	ONE/SERIES/AGE	
18871	Miocene	
18872	Miocene	
18873	Miocene	
18874	Miocene	
18875	Miocene	
18876	Miocene	
18877	Miocene	
18878	Miocene	
18879	Miocene	
18880	Miocene	
18881	Miocene	
18882	Tertiary	
18883	Tertiary	
18884	Tertiary	
18885	Tertiary	
18886	Tertiary	
18887	Tertiary	
18888	Tertiary	
18889	Tertiary	
18890	Tertiary	
18891	Tertiary	
18892	Tertiary	
18893	Tertiary	
18894	Tertiary	
18895	Tertiary	
18896	Tertiary	
18897	U Eocene A zone	
18898	Tertiary	
18899	Tertiary	
18900	Tertiary	
18901	Tertiary	
18902	Tertiary	
18903	Tertiary	
18904	Tertiary	
18905	Tertiary	
18906	Tertiary	
18907	Tertiary	
18908	Tertiary	
18909	Tertiary	
18910	Tertiary	
18911	Tertiary	
18912	Tertiary	
18913	Tertiary	
18914	Tertiary	
18915	Tertiary	
18916	Tertiary	
18917	Tertiary	
18918	Tertiary	
18919	Tertiary	
18920	Tertiary	
18921	Tertiary	
18922	Tertiary	
18923	Tertiary	
18924	Tertiary	
18925	Tertiary	
18926	Tertiary	
18927	Tertiary	
18928	Tertiary	
18929	Tertiary	
18930	Tertiary	
18931	Tertiary	
18932	Tertiary	
18933	Tertiary	
18934	Tertiary	
18935	Tertiary	
18936	Tertiary	
18937	Tertiary	
18938	Tertiary	
18939	Tertiary	
18940	Tertiary	
18941	Tertiary	
18942	Tertiary	
18943	Tertiary	
18944	Tertiary	
18945	L Eocene C zone	
18946	L Eocene C zone	
18947	L Eocene C zone	
18948	L Eocene C zone	
18949	L Eocene C zone	
18950	L Eocene C zone	
18951	L Eocene C zone	
18952	L Eocene C zone	
18953	L Eocene C zone	
18954	L Eocene C zone	
18955	L Eocene C zone	

	I	M
1	ONE/SERIES/AG	
18956	L Eocene C zone	
18957	L Eocene C zone	
18958	Paleocene D/E zn	
18959	U Cret A/B zones	
18960	U Cret A/B zones	
18961	U Cret A/B zones	
18962	U Cret A/B zones	
18963	U Cret A/B zones	
18964	U Cret A/B zones	
18965	U Cret A/B zones	
18966	U Cret A/B zones	
18967	U Cret A/B zones	
18968	U Cret A/B zones	
18969	U Cret A/B zones	
18970	U Cret A/B zones	
18971	U Cret A/B zones	
18972	U Cret A/B zones	
18973	U Cret A/B zones	
18974	U Cret A/B zones	
18975	U Cret A/B zones	
18976	U Cret A/B zones	
18977	U Cret A/B zones	
18978	U Cret A/B zones	
18979	U Cret A/B zones	
18980	U Cret A/B zones	
18981	U Cret A/B zones	
18982	U Cret A/B zones	
18983	U Cret A/B zones	
18984	U Cret A/B zones	
18985	U Cret A/B zones	
18986	U Cret A/B zones	
18987	U Cret A/B zones	
18988	U Cret A/B zones	
18989	U Cret A/B zones	
18990	U Cret A/B zones	
18991	U Cret A/B zones	
18992	U Cret A/B zones	
18993	U Cret A/B zones	
18994	U Cret A/B zones	
18995	U Cret A/B zones	
18996	U Cret A/B zones	
18997	U Cret C zone	
18998	U Cret C zone	
18999	U Cret C zone	
19000	U Cret C zone	
19001	U Cret C zone	
19002	U Cret C zone	
19003	U Cret C zone	
19004	U Cret C zone	
19005	U Cret C zone	
19006	U Cret C zone	
19007	U Cret C zone	
19008	in limestone	
19009	Upper Cretaceous	
19010	Eocene	
19011	Eocene	
19012	Eocene	
19013	not diagnostic	
19014	no paleo info	
19015	not diagnostic	
19016	not diagnostic	
19017	Zemorrian	
19018	no paleo info	
19019	no paleo info	
19020	Eocene	
19021	Eocene	
19022	Eocene	
19023	Eocene	
19024	Eocene	
19025	Eocene	
19026	Eocene	
19027	no paleo info	
19028	Cretaceous	
19029	Cretaceous	
19030	Cretaceous	
19031	Cretaceous	
19032	Cretaceous	
19033	Cretaceous	
19034	Cretaceous	
19035	Cretaceous	
19036	Cretaceous	
19037	Cretaceous	
19038	Cretaceous	
19039	not diagnostic	
19040	Cretaceous	

	I	M
1	ONE/SERIES/AGI	
19041	not diagnostic	
19042	Cretaceous	
19043	Cretaceous	
19044	Cretaceous	
19045	Cretaceous	
19046	Cretaceous	
19047	Cretaceous	
19048	Cretaceous	
19049	Cretaceous	
19050	Cretaceous	
19051	no paleo info	
19052	no paleo info	
19053	no paleo info	
19054	no paleo info	
19055	no paleo info	
19056	no paleo info	
19057	no paleo info	
19058	no paleo info	
19059	no paleo info	
19060	no paleo info	
19061	no paleo info	
19062	no paleo info	
19063	no paleo info	
19064	no paleo info	
19065	no paleo info	
19066	no paleo info	
19067	no paleo info	
19068	no paleo info	
19069	no paleo info	
19070	no paleo info	
19071	no paleo info	
19072	no paleo info	
19073	no paleo info	
19074	no paleo info	
19075	no paleo info	
19076	no paleo info	
19077	no paleo info	
19078	no paleo info	
19079	no paleo info	
19080	Cretaceous	
19081	Cretaceous	
19082	Cretaceous	
19083	Cretaceous	
19084	Cretaceous	
19085	Cretaceous	
19086	Cretaceous	
19087	Cretaceous	
19088	Cretaceous	
19089	Cretaceous	
19090	Cretaceous	
19091	Cretaceous	
19092	Cretaceous	
19093	Cretaceous	
19094	Cretaceous	
19095	Cretaceous	
19096	Cretaceous	
19097	Cretaceous	
19098	Cretaceous	
19099	Cretaceous	
19100	Upper Cretaceous	
19101	Upper Cretaceous	
19102	Upper Cretaceous	
19103	Upper Cretaceous	
19104	Cretaceous	
19105	Cretaceous	
19106	Cretaceous	
19107	Cretaceous	
19108	Cretaceous	
19109	Cretaceous	
19110	Cretaceous	
19111	Cretaceous	
19112	Cretaceous	
19113	Cretaceous	
19114	Cretaceous	
19115	Cretaceous	
19116	Cretaceous	
19117	Cretaceous	
19118	Cretaceous	
19119	Cretaceous	
19120	U Cret E zone	
19121	U Cret E zone	
19122	U Cret E zone	
19123	U Cret E zone	
19124	barren	
19125	Cretaceous	

	I	M
1	ONE/SERIES/AGT	
19126	Cretaceous	
19127	Cretaceous	
19128	Cretaceous	
19129	U Cret J-1 zone	
19130	Cretaceous	
19131	Cretaceous	
19132	U Cret C/D-1	
19133	Cretaceous	
19134	Cretaceous	
19135	U Cret C/D-1	
19136	Cretaceous	
19137	Cretaceous	
19138	Prob U Cret F zone	
19139	U Cret D zone	
19140	U Cret D zone	
19141	U Cret D zone	
19142	Cretaceous	
19143	U Cret F-2	
19144	U Cret F-2	
19145	U Cret F-2	
19146	not diagnostic	
19147	barren	
19148	not diagnostic	
19149	not diagnostic	
19150	U Cret F-2/G-1	
19151	Cretaceous	
19152	no paleo info	
19153	no paleo info	
19154	no paleo info	
19155	no paleo info	
19156	no paleo info	
19157	no paleo info	
19158	no paleo info	
19159	no paleo info	
19160	no paleo info	
19161	U Jurassic M zone	
19162	U Jurassic M zone	
19163	U Jurassic M zone	
19164	U Jurassic M zone	
19165	U Jurassic M zone	
19166	U Jurassic M zone	
19167	U Jurassic M zone	
19168	U Jurassic M zone	
19169	U Jurassic M zone	
19170	U Jurassic M zone	
19171	U Jurassic M zone	
19172	U Jurassic M zone	
19173	U Jurassic M zone	
19174	U Jurassic M zone	
19175	U Jurassic M zone	
19176	U Jurassic M zone	
19177	U Jurassic M zone	
19178	U Jurassic M zone	
19179	U Jurassic M zone	
19180	U Jurassic M zone	
19181	U Jurassic M zone	
19182	U Jurassic M zone	
19183	U Jurassic M zone	
19184	U Jurassic M zone	
19185	U Jurassic M zone	
19186	U Jurassic M zone	
19187	U Jurassic M zone	
19188	U Jurassic M zone	
19189	U Jurassic M zone	
19190	no paleo info	
19191	no paleo info	
19192	no paleo info	
19193	no paleo info	
19194	no paleo info	
19195	no paleo info	
19196	no paleo info	
19197	no paleo info	
19198	no paleo info	
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19210	no paleo info	

	I	M
1	ONE/SERIES/AGF	
19211	no paleo info	
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19215	Jur M zone	
19216	Jur M zone	
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19219	Probably Jurassic	
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	I	M
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1	ONE/SERIES/AG	
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	I	M
1	ONE/SERIES/AGF	
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1	ONE/SERIES/AG	
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19590	Probably Jurassic	
19591	Probably Jurassic	
19592	Probably Jurassic	
19593	Probably Jurassic	
19594	Probably Jurassic	
19595	Upper Cretaceous	
19596	no paleo info	
19597	no paleo info	
19598	no paleo info	
19599	Poss L Cret J -2	
19600	Poss L Cret J -3	
19601	Poss L Cret J -4	
19602	Poss L Cret J -5	
19603	Poss L Cret J -6	
19604	Poss L Cret J -7	
19605	Poss L Cret J -8	
19606	Poss L Cret J -9	
19607	Poss L Cret J -10	
19608	Poss L Cret J -11	
19609	Poss L Cret J -12	
19610	Poss L Cret J -13	
19611	Poss L Cret J -14	
19612	Poss L Cret J -15	
19613	Poss L Cret J -16	
19614	Poss L Cret J -17	
19615	Poss L Cret J -18	
19616	Poss L Cret J -19	
19617	Poss L Cret J -20	
19618	Poss L Cret J -21	
19619	Poss L Cret J -22	
19620	Poss L Cret J -23	
19621	Poss L Cret J -24	
19622	L Cret K zone	
19623	L Cret K zone	
19624	L Cret K zone	
19625	L Cret K zone	
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19627	L Cret K zone	
19628	L Cret K zone	
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19633	L Cret K zone	
19634	L Cret K zone	
19635	L Cret K zone	

	I	M
1	ONE/SERIES/AG	
19636	L Cret K zone	
19637	L Cret K zone	
19638	L Cret K zone	
19639	L Cret K zone	
19640	L Cret K zone	
19641	L Cret K zone	
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19643	L Cret K zone	
19644	L Cret K zone	
19645	L Cret K zone	
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19651	L Cret K zone	
19652	L Cret K zone	
19653	L Cret K zone	
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19655	L Cret K zone	
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19657	L Cret K zone	
19658	L Cret K zone	
19659	L Cret K zone	
19660	L Cret K zone	
19661	L Cret K zone	
19662	L Cret K zone	
19663	L Cret K zone	
19664	L Cret K zone	
19665	L Cret K zone	
19666	L Cret K zone	
19667	L Cret K zone	
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19670	L Cret K zone	
19671	L Cret K zone	
19672	L Cret K zone	
19673	L Cret K zone	
19674	L Cret K zone	
19675	Poss L Cret K zone	
19676	Poss L Cret K zone	
19677	Poss L Cret K zone	
19678	Poss L Cret K zone	
19679	Poss L Cret K zone	
19680	not diagnostic	
19681	not diagnostic	
19682	not diagnostic	
19683	not diagnostic	
19684	not diagnostic	
19685	not diagnostic	
19686	not diagnostic	
19687	not diagnostic	
19688	not diagnostic	
19689	not diagnostic	
19690	not diagnostic	
19691	not diagnostic	
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19701	not diagnostic	
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19713	not diagnostic	
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19715	not diagnostic	
19716	not diagnostic	
19717	not diagnostic	
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19719	not diagnostic	
19720	not diagnostic	

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1	ONE/SERIES/AGF	
19721	not diagnostic	
19722	not diagnostic	
19723	not diagnostic	
19724	not diagnostic	
19725	poss L. Cret L. zone	
19726	poss L. Cret L. zone	
19727	poss L. Cret L. zone	
19728	poss L. Cret L. zone	
19729	poss L. Cret L. zone	
19730	not diagnostic	
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19748	not diagnostic	
19749	not diagnostic	
19750	not diagnostic	
19751	not diagnostic	
19752	not diagnostic	
19753	not diagnostic	
19754	not diagnostic	
19755	not diagnostic	
19756	U Jurassic M zone	
19757	U Jurassic M zone	
19758	U Jurassic M zone	
19759	U Jurassic M zone	
19760	U Jurassic M zone	
19761	U Jurassic M zone	
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19763	U Jurassic M zone	
19764	U Jurassic M zone	
19765	U Jurassic M zone	
19766	U Jurassic M zone	
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19769	U Jurassic M zone	
19770	U Jurassic M zone	
19771	U Jurassic M zone	
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19774	U Jurassic M zone	
19775	U Jurassic M zone	
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19779	U Jurassic M zone	
19780	U Jurassic M zone	
19781	U Jurassic M zone	
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19783	U Jurassic M zone	
19784	U Jurassic M zone	
19785	U Jurassic M zone	
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19789	U Jurassic M zone	
19790	U Jurassic M zone	
19791	U Jurassic M zone	
19792	U Jurassic M zone	
19793	U Jurassic M zone	
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19795	U Jurassic M zone	
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19797	U Jurassic M zone	
19798	U Jurassic M zone	
19799	U Jurassic M zone	
19800	U Jurassic M zone	
19801	U Jurassic M zone	
19802	U Jurassic M zone	
19803	U Jurassic M zone	
19804	U Jurassic M zone	
19805	U Jurassic M zone	

	I	M
1	ZONE/SERIES/AGI	
19806	U Jurassic M zone	
19807	U Jurassic M zone	
19808	U Jurassic M zone	
19809	U Jurassic M zone	
19810	U Jurassic M zone	
19811	U Jurassic M zone	
19812	U Jurassic M zone	
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19814	U Jurassic M zone	
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19842	U Jurassic M zone	
19843	U Jurassic M zone	
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19845	U Jurassic M zone	
19846	U Jurassic M zone	
19847	U Jurassic M zone	
19848	U Jurassic M zone	
19849	U Jurassic M zone	
19850	U Jurassic M zone	
19851	U Jurassic M zone	
19852	U Jurassic M zone	
19853	U Jurassic M zone	
19854	U Jurassic M zone	
19855	U Jurassic M zone	
19856	U Jurassic M zone	
19857	U Jurassic M zone	
19858	not diagnostic	
19859	not diagnostic	
19860	not diagnostic	
19861	Cretaceous	
19862	Cretaceous	
19863	L? Eocene	
19864	L? Eocene	
19865	L Eocene B-4 zone	
19866	no paleo info	
19867	no paleo info	
19868	no paleo info	
19869	no paleo info	
19870	no paleo info	
19871	no paleo info	
19872	no paleo info	
19873	Upper Cretaceous	
19874	Paleocene E zone	
19875	Paleocene E zone	
19876	? Paleocene E zone	
19877	Paleocene E zone	
19878	L Eocene C/D zone	
19879	L Eocene C/D zone	
19880	L Eocene C/D zone	
19881	L Eocene C/D zone	
19882	L Eocene C zone	
19883	L Eocene C zone	
19884	L Eocene C zone	
19885	L Eocene C zone	
19886	L Eocene C/D zone	
19887	L Eocene C/D zone	
19888	L Eocene C/D zone	
19889	L Eocene C/D zone	
19890	L Eocene C/D zone	

	I	M
1	ZONE/SERIES/AGI	
19891	L Eocene C/D zone	
19892	L Eocene C zone	
19893	L Eocene B/C zone	
19894	L Eocene B-4 zone	
19895	barren	
19896	barren	
19897	Upper Cretaceous	
19898	not diagnostic	
19899	not diagnostic	
19900	not diagnostic	
19901	not diagnostic	
19902	Lower Eocene	
19903	barren	
19904	no paleo info	
19905	no paleo info	
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19922	no paleo info	
19923	Pliocene	
19924	Pliocene	
19925	no paleo info	
19926	Zemorrian	
19927	Zemorrian	
19928	Zemorrian	
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19930	Zemorrian	
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19940	Zemorrian	
19941	Zemorrian	
19942	Zemorrian	
19943	Zemorrian	
19944	Pliocene	
19945	Pliocene	
19946	Delmontian	
19947	Pliocene	
19948	no paleo info	
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19950	no paleo info	
19951	no paleo info	
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20176	Miocene	
20177	Saucesian?	
20178	Tertiary	
20179	Middle Miocene	
20180	Upper Saucesian	
20181	Cretaceous F zone	
20182	Pliocene	
20183	Pliocene	
20184	Miocene	
20185	Eocene	
20186	Mohnian	
20187	Mohnian	
20188	Pliocene	
20189	Pliocene	
20190	Pliocene	
20191	Pliocene	
20192	Pliocene	
20193	Pliocene	
20194	Eocene	
20195	Eocene	
20196	Eocene	
20197	Eocene	
20198	Eocene	
20199	Eocene	
20200	Eocene	
20201	Miocene	
20202	Miocene	
20203	Eocene	
20204	Eocene	
20205	Eocene	
20206	Eocene	
20207	Eocene	
20208	Eocene	
20209	Eocene	
20210	Eocene	
20211	Miocene	
20212	Upper Pliocene	
20213	Upper Pliocene	
20214	Upper Pliocene	
20215	Upper Pliocene	
20216	Upper Pliocene	
20217	Middle Miocene	
20218	Middle Miocene	
20219	Middle Miocene	
20220	Middle Miocene	
20221	Middle Miocene	
20222	Middle Miocene	
20223	Eocene	
20224	Eocene	
20225	Eocene	
20226	Eocene	
20227	Eocene	
20228	Eocene	
20229	Eocene	
20230	Upper Pliocene	

	I	M
1	ONE/SERIES/AGI	
20231	Upper Pliocene	
20232	Eocene	
20233	Eocene	
20234	Eocene	
20235	Eocene	
20236	Eocene	
20237	Eocene	
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20246	Eocene	
20247	Eocene	
20248	Eocene	
20249	Eocene	
20250	Eocene	
20251	Mixed Plio and Mic	
20252	Eocene	
20253	Eocene	
20254	Eocene	
20255	Eocene	
20256	Eocene	
20257	Eocene	
20258	Eocene	
20259	Eocene	
20260	Eocene	
20261	Eocene	
20262	Eocene	
20263	Eocene	
20264	Eocene	
20265	Eocene	
20266	Eocene	
20267	Cretaceous	
20268	Cretaceous	
20269	Cretaceous	
20270	Eocene	
20271	Mixed Cret/Eocene	
20272	Mixed Cret/Eocene	
20273	Mixed Cret/Eocene	
20274	Mixed Cret/Eocene	
20275	Mixed Cret/Eocene	
20276	Mixed Cret/Eocene	
20277	Mixed Cret/Eocene	
20278	Mixed Cret/Eocene	
20279	Mixed Cret/Eocene	
20280	Mixed Cret/Eocene	
20281	Mixed Cret/Eocene	
20282	Mixed Cret/Eocene	
20283	Mixed Cret/Eocene	
20284	Mixed Cret/Eocene	
20285	Mixed Cret/Eocene	
20286	Mixed Cret/Eocene	
20287	Mixed Cret/Eocene	
20288	Mixed Cret/Eocene	
20289	Mixed Cret/Eocene	
20290	Mixed Cret/Eocene	
20291	Mixed Cret/Eocene	
20292	Mixed Cret/Eocene	
20293	Mixed Cret/Eocene	
20294	Mixed Cret/Eocene	
20295	Mixed Cret/Eocene	
20296	Mixed Cret/Eocene	
20297	Mixed Cret/Eocene	
20298	Mixed Cret/Eocene	
20299	Mixed Cret/Eocene	
20300	Mixed Cret/Eocene	
20301	Mixed Cret/Eocene	
20302	Mixed Cret/Eocene	
20303	Mixed Cret/Eocene	
20304	Mixed Cret/Eocene	
20305	Mixed Cret/Eocene	
20306	Mixed Cret/Eocene	
20307	Mixed Cret/Eocene	
20308	Mixed Cret/Eocene	
20309	Mixed Cret/Eocene	
20310	Eocene	
20311	Eocene	
20312	Eocene	
20313	Eocene	
20314	Eocene	
20315	Eocene	

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1	ONE/SERIES/AGI	
20316	Eocene	
20317	Eocene	
20318	Eocene	
20319	Eocene	
20320	Eocene	
20321	Eocene	
20322	Eocene	
20323	Eocene	
20324	Eocene	
20325	Eocene	
20326	Eocene	
20327	Eocene	
20328	Eocene	
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20342	Eocene	
20343	Eocene	
20344	Eocene	
20345	Eocene	
20346	Eocene	
20347	Eocene	
20348	Eocene	
20349	Mixed Cret/Eocene	
20350	Mixed Cret/Eocene	
20351	Mixed Cret/Eocene	
20352	Mixed Cret/Eocene	
20353	Mixed Cret/Eocene	
20354	Mixed Cret/Eocene	
20355	Mixed Cret/Eocene	
20356	Mixed Cret/Eocene	
20357	Mixed Cret/Eocene	
20358	Mixed Cret/Eocene	
20359	Mixed Cret/Eocene	
20360	Mixed Cret/Eocene	
20361	Mixed Cret/Eocene	
20362	Mixed Cret/Eocene	
20363	Mixed Cret/Eocene	
20364	Mixed Cret/Eocene	
20365	Mixed Cret/Eocene	
20366	Mixed Cret/Eocene	
20367	Mixed Cret/Eocene	
20368	Mixed Cret/Eocene	
20369	Mixed Cret/Eocene	
20370	Mixed Cret/Eocene	
20371	Mixed Cret/Eocene	
20372	Mixed Cret/Eocene	
20373	Mixed Cret/Eocene	
20374	Mixed Cret/Eocene	
20375	Mixed Cret/Eocene	
20376	Mixed Cret/Eocene	
20377	no paleo info	
20378	no paleo info	
20380	small snails	
20381	Upper Cretaceous	
20382	Upper Cretaceous	
20383	M Eocene A-2 zone	
20384	Delmontian?	
20385	Pliocene	
20386	Probably Pliocene	
20387	Pliocene	
20388	Pliocene	
20389	M Eocene A-2 zone	
20390	U Cret F-1 zone	
20391	U Cret F-1 zone	
20392	U Cret F-1 zone	
20393	U Cret F-1 zone	
20394	U Cret F-1 zone	
20395	U Cret F-1 zone	
20396	U Cret F-1 zone	
20397	U Cret F-2 zone	
20398	U Cret F-2 zone	
20399	U Cret F-1 zone	
20400	barren	
20401	U Cret F-1 zone	

	I	M
1	ONE/SERIES/AGT	
20402	barren	
20403	not diagnostic	
20404	not diagnostic	
20405	U Cret F-2 zone	
20406	not diagnostic	
20407	not diagnostic	
20408	not diagnostic	
20409	not diagnostic	
20410	not diagnostic	
20411	U Cret F-1 zone	
20412	not diagnostic	
20413	U Cret F-1 zone	
20414	not diagnostic	
20415	U Cret F-1 zone	
20416	not diagnostic	
20417	not diagnostic	
20418	not diagnostic	
20419	not diagnostic	
20420	U Cret F-1 zone	
20421	Prob U Cret F-1	
20422	Prob U Cret F-1	
20423	Prob U Cret F-1	
20424	Prob U Cret F-1	
20425	Prob U Cret F-1	
20426	Prob U Cret F-1	
20427	not diagnostic	
20428	not diagnostic	
20429	not diagnostic	
20430	U Cret F-1 zone	
20431	not diagnostic	
20432	not diagnostic	
20433	U Cret F-1 zone	
20434	not diagnostic	
20435	not diagnostic	
20436	not diagnostic	
20437	not diagnostic	
20438	U Cret F-1 zone	
20439	U Cret F-1 zone	
20440	U Cret F-1 zone	
20441	not diagnostic	
20442	not diagnostic	
20443	not diagnostic	
20444	not diagnostic	
20445	not diagnostic	
20446	not diagnostic	
20447	U Cret F-1 zone	
20448	U Cret F-1 zone	
20449	not diagnostic	
20450	not diagnostic	
20451	not diagnostic	
20452	not diagnostic	
20453	not diagnostic	
20454	not diagnostic	
20455	not diagnostic	
20456	not diagnostic	
20457	not diagnostic	
20458	not diagnostic	
20459	not diagnostic	
20460	Upper Cret F-1?	
20461	UpperCret F-1?	
20462	not diagnostic	
20463	barren	
20464	not diagnostic	
20465	Upper Cret F-1?	
20466	not diagnostic	
20467	not diagnostic	
20468	U Cret G-1 zone	
20469	U Cret G-1 zone	
20470	U Cret G-1 zone	
20471	U Cret G-1 zone	
20472	not diagnostic	
20473	U Cret G-1 zone	
20474	U Cret G-1 zone	
20475	U Cret G-1 zone	
20476	U Cret G-1 zone	
20477	U Cret G-1 zone	
20478	U Cret G-1 zone	
20479	U Cret G-1 zone	
20480	U Cret G-1 zone	
20481	U Cret G-1 zone	
20482	U Cret G-1 zone	
20483	U Cret G-1 zone	
20484	U Cret G-1 zone	
20485	U Cret G-1 zone	
20486	U Cret G-1 zone	

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1	ZONE/SERIES/AGT	
20487	U Cret G-1 zone	
20488	U Cret G-1 zone	
20489	U Cret G-1 zone	
20490	U Cret G-1 zone	
20491	U Cret G-1 zone	
20492	U Cret G-1 zone	
20493	U Cret G-1 zone	
20494	U Cret G-1 zone	
20495	U Cret G-1 zone	
20496	U Cret G-1 zone	
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20498	U Cret G-1 zone	
20499	U Cret G-1 zone	
20500	U Cret G-1 zone	
20501	U Cret G-1 zone	
20502	U Cret G-1 zone	
20503	U Cret G-1 zone	
20504	U Cret G-1 zone	
20505	U Cret G-1 zone	
20506	U Cret G-1 zone	
20507	U Cret G-1 zone	
20508	U Cret G-1 zone	
20509	U Cret G-1 zone	
20510	U Cret G-1 zone	
20511	U Cret G-1 zone	
20512	U Cret G-1 zone	
20513	U Cret G-1 zone	
20514	U Cret G-1 zone	
20515	U Cret G-1 zone	
20516	U Cret F-1 or G-1	
20517	U Cret F-1 or G-1	
20518	not diagnostic	
20519	U Cret F-1 or F-2	
20520	U Cret F-1 zone	
20521	not diagnostic	
20522	not diagnostic	
20523	U Cret G-1 zone	
20524	barren	
20525	U Cret F-1 or G-1	
20526	U Cret F-1 or G-1	
20527	not diagnostic	
20528	Upper Cretaceous	
20529	not diagnostic	
20530	U Cret F-1 zone	
20531	U Cret F-1 zone	
20532	U Cret F-1 zone	
20533	U Cret F-1 zone	
20534	not diagnostic	
20535	U Cret F-1 zone	
20536	not diagnostic	
20537	U Eocene	
20538	not diagnostic	
20539	not diagnostic	
20540	U Cret F-1 zone	
20541	U Cret F-1 zone	
20542	not diagnostic	
20543	not diagnostic	
20544	U Cret F-1 zone	
20545	not diagnostic	
20546	not diagnostic	
20547	not diagnostic	
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20549	not diagnostic	
20550	not diagnostic	
20551	not diagnostic	
20552	not diagnostic	
20553	U Cret F-1 zone	
20554	U Cret F-1 zone	
20555	U Cret F-1 zone	
20556	U Cret F-1 zone	
20557	U Cret F-1 zone	
20558	U Cret F-1 zone	
20559	U Cret F-1 zone	
20560	U Cret F-2 zone	
20561	not diagnostic	
20562	not diagnostic	
20563	not diagnostic	
20564	not diagnostic	
20565	U Cret F-2 zone	
20566	not diagnostic	
20567	not diagnostic	
20568	not diagnostic	
20569	not diagnostic	
20570	not diagnostic	
20571	not diagnostic	

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20572	not diagnostic	
20573	barren	
20574	not diagnostic	
20575	not diagnostic	
20576	not diagnostic	
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20586	no paleo info	
20587	Prob L. Cret L. zone	
20588	not diagnostic	
20589	not diagnostic	
20590	Jurassic?	
20591	Jurassic?	
20592	Jurassic?	
20593	Jurassic?	
20594	Jurassic?	
20595	Jurassic?	
20596	Jurassic?	
20597	Lower Zemorrian	
20598	Lower Zemorrian	
20599	Jurassic?	
20600	Lower Relizian	
20601	Lower Relizian	
20602	Luisian/Relizian	
20603	Probably Relizian	
20604	Luisian/Relizian	
20605	L. Mohnian	
20606	L. Mohnian	
20607	L. Mohnian	
20608	no paleo info	
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20656	no paleo info	

	I	M
1	ONE/SERIES/AGF	
20657	M Eocene A-2 zon	
20658	M Eocene A-2 zon	
20659	M Eocene A-2 zon	
20660	M Eocene A-2 zon	
20661	M Eocene A-2 zon	
20662	M Eocene A-2 zon	
20663	M Eocene A-2 zon	
20664	no paleo info	
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20679	Eocene	
20680	no paleo info	
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20685	no paleo info	
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20695	Eocene?	
20696	Eocene?	
20697	barren	
20698	Refugian?	
20699	not diagnostic	
20700	not diagnostic	
20701	not diagnostic	
20702	no paleo info	
20703	Luisian	
20704	not diagnostic	
20705	Upper Luisian	
20706	Upper Luisian	
20707	Upper Luisian	
20708	not diagnostic	
20709	not diagnostic	
20710	not diagnostic	
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20713	not diagnostic	
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20715	not diagnostic	
20716	not diagnostic	
20717	Eocene	
20718	Eocene	
20719	Eocene	
20720	Eocene	
20721	Eocene	
20722	not diagnostic	
20723	Eocene	
20724	not diagnostic	
20725	not diagnostic	
20726	not diagnostic	
20727	Eocene A-2	
20728	Eocene A-2	
20729	Eocene A-2	
20730	Mohnian?	
20731	no paleo info	
20732	no paleo info	
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20741	no paleo info	

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1	ONE/SERIES/AGT	
20742	no paleo info	
20743	no paleo info	
20744	no paleo info	
20745	no paleo info	
20746	Luisian	
20747	Middle Miocene	
20748	Middle Miocene	
20749	Middle Miocene	
20750	Middle Miocene	
20751	Middle Miocene	
20752	Middle Miocene	
20753	Middle Miocene	
20754	Middle Miocene	
20755	Middle Miocene	
20756	Middle Miocene	
20757	Middle Miocene	
20758	Middle Miocene	
20759	Middle Miocene	
20760	Middle Miocene	
20761	no paleo info	
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20775	no paleo info	
20776	no paleo info	
20777	no paleo info	
20778	no paleo info	
20779	no paleo info	
20780	no paleo info	
20781	Upper Miocene	
20782	Lower Mohnian	
20783	no paleo info	
20784	no paleo info	
20785	barren	
20786	no paleo info	
20787	no paleo info	
20788	Luisian	
20789	Luisian	
20790	no paleo info	
20791	Luisian	
20792	Lower Luisian	
20793	no paleo info	
20794	no paleo info	
20795	Relizian	
20796	Upper Relizian	
20797	no paleo info	
20798	Luisian/Relizian	
20799	M/L Miocene	
20800	Mohnian	
20801	no paleo info	
20802	Upper Miocene	
20803	Lower Mohnian	
20804	no paleo info	
20805	Lower Mohnian	
20806	no paleo info	
20807	no paleo info	
20808	no paleo info	
20809	barren	
20810	Relizian	
20811	barren	
20812	M Miocene	
20813	U Relizian	
20814	not diagnostic	
20815	not diagnostic	
20816	Upper Miocene	
20817	Upper Miocene	
20818	U Miocene?	
20819	not diagnostic	
20820	Upper Miocene	
20821	Upper Miocene	
20822	no paleo info	
20823	Luisian	
20824	Luisian?	
20825	barren	
20826	Upper Mohnian	

	I	M
1	ONE/SERIES/AGT	
20827	Lower Mohnian	
20828	Lower Mohnian	
20829	Lower Mohnian	
20830	Luisian?	
20831	Luisian?	
20832	Miocene	
20833	not diagnostic	
20834	Middle Miocene	
20835	Middle Miocene	
20836	Middle Miocene	
20837	Luisian	
20838	not diagnostic	
20839	not diagnostic	
20840	U Miocene?	
20841	no paleo info	
20842	no paleo info	
20843	not diagnostic	
20844	no paleo info	
20845	Lower Mohnian	
20846	Prob Mohnian	
20847	no paleo info	
20848	Lower Relizian	
20849	barren	
20850	barren	
20851	barren	
20852	no paleo info	
20853	M or L Miocene	
20854	no paleo info	
20855	Mio/Pliocene	
20856	Mohnian	
20857	no paleo info	
20858	Relizian/Saucesian	
20859	no paleo info	
20860	no paleo info	
20861	no paleo info	
20862	no paleo info	
20863	no paleo info	
20864	no paleo info	
20865	no paleo info	
20866	Prob U Mohnian	
20867	no paleo info	
20868	no paleo info	
20869	no paleo info	
20870	no paleo info	
20871	no paleo info	
20872	no paleo info	
20873	Relizian/Saucesian	
20874	no paleo info	
20875	no paleo info	
20876	Mohnian	
20877	not diagnostic	
20878	no paleo info	
20879	no paleo info	
20880	no paleo info	
20881	no paleo info	
20882	no paleo info	
20883	no paleo info	
20884	U Miocene?	
20885	U Miocene?	
20886	Mohnian	
20887	Saucesian	
20888	no paleo info	
20889	no paleo info	
20890	Relizian	
20891	Lower Luisian?	
20892	Relizian?	
20893	Relizian	
20894	Eocene?	
20895	Miocene	
20896	no paleo info	
20897	no paleo info	
20898	Miocene	
20899	Lower Mohnian	
20900	Relizian	
20901	Relizian?	
20902	Saucesian/Relizian	
20903	Lower Miocene?	
20904	barren	
20905	Lower Miocene?	
20906	barren	
20907	Probably Saucesian	
20908	no paleo info	
20909	no paleo info	
20910	no paleo info	
20911	no paleo info	

	I	M
1	ONE/SERIES/AGT	
20912	no paleo info	
20913	no paleo info	
20914	no paleo info	
20915	Zemorrian	
20916	no paleo info	
20917	no paleo info	
20918	no paleo info	
20919	no paleo info	
20920	not diagnostic	
20921	Saucesian/Zem	
20922	no paleo info	
20923	no paleo info	
20924	no paleo info	
20925	Relizian?	
20926	barren	
20927	not diagnostic	
20928	not diagnostic	
20929	barren	
20930	not diagnostic	
20931	not diagnostic	
20932	not diagnostic	
20933	Zemorrian/Sauc	
20934	Relizian	
20935	Relizian	
20936	not diagnostic	
20937	not diagnostic	
20938	U Cret/Paleoc	
20939	Lower Zemorrian	
20940	Lower Miocene	
20941	Middle Miocene	
20942	Middle Miocene	
20943	Middle Miocene	
20944	not diagnostic	
20945	not diagnostic	
20946	not diagnostic	
20947	Luisian	
20948	Luisian	
20949	not diagnostic	
20950	not diagnostic	
20951	Upper Mohnian	
20952	no paleo info	
20953	Upper Miocene?	
20954	no paleo info	
20955	no paleo info	
20956	no paleo info	
20957	no paleo info	
20958	no paleo info	
20959	no paleo info	
20960	Upper Miocene	
20961	no paleo info	
20962	no paleo info	
20963	no paleo info	
20964	no paleo info	
20965	no paleo info	
20966	no paleo info	
20967	no paleo info	
20968	no paleo info	
20969	no paleo info	
20970	no paleo info	
20971	no paleo info	
20972	no paleo info	
20973	no paleo info	
20974	Miocene	
20975	Saucesian/Relizian	
20976	Lower Mohnian	
20977	not diagnostic	
20978	not diagnostic	
20979	not diagnostic	
20980	Relizian	
20981	Relizian	
20982	no paleo info	
20983	no paleo info	
20984	no paleo info	
20985	Lower Luisian	
20986	not diagnostic	
20987	Zem/Saucesian	
20988	Upper Saucesian	
20989	not diagnostic	
20990	not diagnostic	
20991	not diagnostic	
20992	L Mohnian	
20993	L Mohnian	
20994	Eocene	
20995	Eocene	
20996	no paleo info	

	I	M
1	ONE/SERIES/AGT	
20997	Eocene	
20998	Eocene	
20999	not diagnostic	
21000	Eocene	
21001	Relizian	
21002	Lower Mohnian	
21003	no paleo info	
21004	no paleo info	
21005	no paleo info	
21006	no paleo info	
21007	not diagnostic	
21008	not diagnostic	
21009	no paleo info	
21010	no paleo info	
21011	Upper Miocene	
21012	no paleo info	
21013	no paleo info	
21014	prob Luisian	
21015	no paleo info	
21016	no paleo info	
21017	no paleo info	
21018	no paleo info	
21019	no paleo info	
21020	no paleo info	
21021	Middle Miocene	
21022	no paleo info	
21023	no paleo info	
21024	no paleo info	
21025	no paleo info	
21026	no paleo info	
21027	no paleo info	
21028	Relizian	
21029	not diagnostic	
21030	not diagnostic	
21031	M Eocene A-2 zon	
21032	Saucesian	
21033	not diagnostic	
21034	no paleo info	
21035	not diagnostic	
21036	poss Refugian	
21037	Relizian	
21038	Saucesian?	
21039	no paleo info	
21040	no paleo info	
21041	no paleo info	
21042	no paleo info	
21043	no paleo info	
21044	no paleo info	
21045	Pliocene	
21046	no paleo info	
21047	no paleo info	
21048	no paleo info	
21049	Upper Mohnian	
21050	Upper Mohnian	
21051	no paleo info	
21052	no paleo info	
21053	no paleo info	
21054	no paleo info	
21055	Lower Mohnian	
21056	Lower Mohnian	
21057	Luisian	
21058	Lower Mohnian	
21059	not diagnostic	
21060	not diagnostic	
21061	Upper Miocene	
21062	no paleo info	
21063	barren	
21064	Middle Miocene	
21065	no paleo info	
21066	Upper Relizian	
21067	Upper Relizian	
21068	M or L Miocene	
21069	M or L Miocene	
21070	no paleo info	
21071	M or L Miocene	
21072	prob Relizian	
21073	Middle Mohnian	
21074	Middle Mohnian	
21075	no paleo info	
21076	barren	
21077	Upper Miocene	
21078	Lower Luisian	
21079	barren	
21080	Luisian	
21081	Lower Luisian	

	I	M
1	ONE/SERIES/AGT	
21082	Luisian	
21083	Miocene?	
21084	Upper Luisian	
21085	M or L Miocene	
21086	not diagnostic	
21087	Luisian	
21088	no paleo info	
21089	Miocene?	
21090	Middle Miocene	
21091	Zemorrian	
21092	Lower Relizian	
21093	no paleo info	
21094	Zem/Saucesian	
21095	Zem/Saucesian	
21096	Zem/Saucesian	
21097	Zem/Saucesian	
21098	Zem/Saucesian	
21099	Zem/Saucesian	
21100	no paleo info	
21101	Upper Miocene	
21102	not diagnostic	
21103	Upper Relizian	
21104	not diagnostic	
21105	Zemorrian/Sauc	
21106	Lower Relizian	
21107	not diagnostic	
21108	Relizian	
21109	Middle Miocene	
21110	Middle Miocene	
21111	Relizian	
21112	Relizian	
21113	prob Relizian	
21114	Relizian	
21115	Relizian	
21116	Lower Relizian	
21117	Relizian	
21118	no paleo info	
21119	no paleo info	
21120	prob Relizian	
21121	prob Relizian	
21122	Upper Miocene	
21123	Zemorrian	
21124	Zemorrian	
21125	no paleo info	
21126	no paleo info	
21127	Luisian	
21128	no paleo info	
21129	no paleo info	
21130	Luisian	
21131	no paleo info	
21132	barren	
21133	no paleo info	
21134	no paleo info	
21135	M or U Miocene	
21136	no paleo info	
21137	no paleo info	
21138	not diagnostic	
21139	Mohnian?	
21140	Upper Miocene	
21141	barren	
21142	Mohnian?	
21143	barren	
21144	Miocene	
21145	no paleo info	
21146	no paleo info	
21147	no paleo info	
21148	no paleo info	
21149	Relizian	
21150	no paleo info	
21151	Luisian	
21152	Lower Mohnian	
21153	no paleo info	
21154	no paleo info	
21155	not diagnostic	
21156	not diagnostic	
21157	Luisian	
21158	Luisian	
21159	Lower Mohnian	
21160	barren	
21161	Luisian	
21162	Middle Miocene	
21163	Middle Miocene	
21164	Middle Miocene	
21165	Middle Miocene	
21166	Luisian	

	I	M
1	ONE/SERIES/AG	
21167	Relizian	
21168	Relizian	
21169	Lower Miocene	
21170	Luisian	
21171	Middle Miocene	
21172	Lower Miocene	
21173	no paleo info	
21174	no paleo info	
21175	Lower Miocene	
21176	Lower Miocene	
21177	no paleo info	
21178	no paleo info	
21179	Zemorrian	
21180	Zemorrian	
21181	no paleo info	
21182	no paleo info	
21183	Zemorrian	
21184	barren	
21185	barren	
21186	no paleo info	
21187	no paleo info	
21188	Lower Miocene	
21189	barren	
21190	Middle Miocene	
21191	no paleo info	
21192	no paleo info	
21193	barren	
21194	no paleo info	
21195	not diagnostic	
21196	Upper Miocene?	
21197	no paleo info	
21198	no paleo info	
21199	Saucesian/Relizian	
21200	Luisian/Relizian	
21201	no paleo info	
21202	Cretaceous?	
21203	barren	
21204	no paleo info	
21205	Cretaceous?	
21206	Upper Cretaceous	
21207	Cretaceous	
21208	Upper Cretaceous	
21209	Upper Cretaceous	
21210	Upper Cretaceous	
21211	Upper Cretaceous	
21212	no paleo info	
21213	Upper Relizian	
21214	no paleo info	
21215	Lower Relizian	
21216	Relizian	
21217	Relizian	
21218	Luisian	
21219	no paleo info	
21220	no paleo info	
21221	Zemorrian	
21222	no paleo info	
21223	no paleo info	
21224	Zemorrian	
21225	barren	
21226	Lower Miocene	
21227	Cretaceous?	
21228	Upper Cretaceous	
21229	no paleo info	
21230	no paleo info	
21231	no paleo info	
21232	Upper Cretaceous	
21233	Upper Cretaceous	
21234	Upper Relizian	
21235	Upper Relizian	
21236	Luisian	
21237	Luisian	
21238	no paleo info	
21239	Luisian	
21240	Luisian	
21241	no paleo info	
21242	no paleo info	
21243	no paleo info	
21244	no paleo info	
21245	no paleo info	
21246	no paleo info	
21247	no paleo info	
21248	no paleo info	
21249	no paleo info	
21250	no paleo info	
21251	no paleo info	

	I	M
1	ONE/SERIES/AGI	
21252	no paleo info	
21253	no paleo info	
21254	no paleo info	
21255	no paleo info	
21256	no paleo info	
21257	no paleo info	
21258	no paleo info	
21259	no paleo info	
21260	no paleo info	
21261	no paleo info	
21262	no paleo info	
21263	no paleo info	
21264	no paleo info	
21265	no paleo info	
21266	no paleo info	
21267	no paleo info	
21268	no paleo info	
21269	no paleo info	
21270	no paleo info	
21271	no paleo info	
21272	no paleo info	
21273	no paleo info	
21274	no paleo info	
21275	no paleo info	
21276	no paleo info	
21277	no paleo info	
21278	no paleo info	
21279	no paleo info	
21280	no paleo info	
21281	no paleo info	
21282	no paleo info	
21283	no paleo info	
21284	no paleo info	
21285	no paleo info	
21286	no paleo info	
21287	no paleo info	
21288	no paleo info	
21289	no paleo info	
21290	no paleo info	
21291	no paleo info	
21292	no paleo info	
21293	no paleo info	
21294	no paleo info	
21295	no paleo info	
21296	no paleo info	
21297	no paleo info	
21298	no paleo info	
21299	no paleo info	
21300	no paleo info	
21301	no paleo info	
21302	no paleo info	
21303	no paleo info	
21304	no paleo info	
21305	Lower Miocene	
21306	Lower Miocene	
21307	Lower Mohnian	
21308	barren	
21309	Relizian	
21310	Lower Relizian	
21311	Saucesian/Relizian	
21312	not diagnostic	
21313	Miocene	
21314	Lower Relizian	
21315	Lower Relizian	
21316	Lower Relizian	
21317	not diagnostic	
21318	Upper Miocene	
21319	Zemorrian	
21320	Zemorrian	
21321	Saucesian	
21322	no paleo info	
21323	no paleo info	
21324	no paleo info	
21325	no paleo info	
21326	no paleo info	
21327	no paleo info	
21328	no paleo info	
21329	no paleo info	
21330	no paleo info	
21331	no paleo info	
21332	no paleo info	
21333	no paleo info	
21334	no paleo info	
21335	Miocene?	
21336	Miocene?	

	I	M
1	ONE/SERIES/AGT	
21337	Miocene?	
21338	Cret/Paleoc	
21339	Lower Luisian	
21340	Lower Luisian	
21341	not diagnostic	
21342	Lower Luisian	
21343	Lower Luisian	
21344	Lower Luisian	
21345	no paleo info	
21346	no paleo info	
21347	no paleo info	
21348	no paleo info	
21349	no paleo info	
21350	no paleo info	
21351	no paleo info	
21352	no paleo info	
21353	M Miocene?	
21354	Middle? Miocene	
21355	barren	
21356	barren	
21357	Luisian	
21358	Luisian	
21359	no paleo info	
21360	not diagnostic	
21361	indeterminate	
21362	no paleo info	
21363	Luisian?	
21364	not diagnostic	
21365	indeterminate	
21366	no paleo info	
21367	no paleo info	
21368	no paleo info	
21369	no paleo info	
21370	no paleo info	
21371	no paleo info	
21372	no paleo info	
21373	Upper Mohnian?	
21374	not diagnostic	
21375	Lower Relizian	
21376	Luisian	
21377	Luisian	
21378	Luisian	
21379	Luisian	
21380	ostracods etc	
21381	Eocene	
21382	Luisian	
21383	Luisian	
21384	Eocene	
21385	Eocene	
21386	Luisian	
21387	Luisian	
21388	Luisian	
21389	Luisian	
21390	no paleo info	
21391	Luisian?	
21392	no paleo info	
21393	no paleo info	
21394	no paleo info	
21395	no paleo info	
21396	no paleo info	
21397	no paleo info	
21398	no paleo info	
21399	no paleo info	
21400	no paleo info	
21401	Lower Mohnian	
21402	possibly Mohnian	
21403	Eocene (Llajas)	
21404	no paleo info	
21405	no paleo info	
21406	no paleo info	
21407	no paleo info	
21408	no paleo info	
21409	no paleo info	
21410	no paleo info	
21411	no paleo info	
21412	no paleo info	
21413	no paleo info	
21414	Pliocene/Miocene	
21415	not diagnostic	
21416	Pliocene/Miocene	
21417	no paleo info	
21418	no paleo info	
21419	no paleo info	
21420	no paleo info	
21421	no paleo info	

	I	M
1	ONE/SERIES/AGT	
21422	no paleo info	
21423	no paleo info	
21424	no paleo info	
21425	no paleo info	
21426	no paleo info	
21427	Luisian	
21428	Luisian	
21429	Lower Mohnian	
21430	Mohnian	
21431	possibly Mohnian	
21432	not diagnostic	
21433	Luisian	
21434	Luisian	
21435	Luisian	
21436	Miocene	
21437	Luisian	
21438	Llajas	
21439	Luisian	
21440	Lower Mohnian	
21441	Lower Mohnian	
21442	Lower Mohnian	
21443	not diagnostic	
21444	Upper Pliocene	
21445	Miocene	
21446	Lower Mohnian	
21447	Eocene	
21448	Eocene	
21449	Lower Pliocene	
21450	Llajas	
21451	Miocene	
21452	Eocene	
21453	Eocene	
21454	Eocene	
21455	Eocene	
21456	Miocene	
21457	Mohnian	
21458	Lower Mohnian	
21459	Miocene	
21460	Pliocene	
21461	Lower Miocene	
21462	Lower Miocene	
21463	Luisian	
21464	Pliocene	
21465	Lower Miocene	
21466	not diagnostic	
21467	Upper Pliocene	
21468	Miocene	
21469	Lower Zemorrian	
21470	Pliocene	
21471	no paleo info	
21472	Pliocene	
21473	Pliocene	
21474	no paleo info	
21475	not diagnostic	
21476	no paleo info	
21477	Eocene	
21478	Eocene	
21479	Eocene	
21480	Lower Mohnian	
21481	Lower Mohnian	
21482	no paleo info	
21483	no paleo info	
21484	Eocene	
21485	Luisian	
21486	no paleo info	
21487	?Luisian	
21488	Paleocene	
21489	Paleocene	
21490	Paleocene	
21491	Paleocene	
21492	no paleo info	
21493	not diagnostic	
21494	not diagnostic	
21495	Eocene	
21496	Eocene	
21497	no paleo info	
21498	barren	
21499	barren	
21500	barren	
21501	Paleocene	
21502	no paleo info	
21503	Eocene	
21504	Eocene	
21505	Eocene	
21506	Eocene	

	I	M
1	ONE/SERIES/AGI	
21507	Eocene	
21508	Eocene	
21509	no paleo info	
21510	no paleo info	
21511	Eocene	
21512	Eocene	
21513	no paleo info	
21514	no paleo info	
21515	Eocene	
21516	Eocene	
21517	Eocene	
21518	no paleo info	
21519	Eocene	
21520	Eocene	
21521	no paleo info	
21522	no paleo info	
21523	no paleo info	
21524	no paleo info	
21525	no paleo info	
21526	no paleo info	
21527	no paleo info	
21528	no paleo info	
21529	no paleo info	
21530	no paleo info	
21531	no paleo info	
21532	no paleo info	
21533	no paleo info	
21534	no paleo info	
21535	no paleo info	
21536	Paleocene	
21537	no paleo info	
21538	no paleo info	
21539	no paleo info	
21540	no paleo info	
21541	no paleo info	
21542	no paleo info	
21543	no paleo info	
21544	no paleo info	
21545	no paleo info	
21546	no paleo info	
21547	no paleo info	
21548	no paleo info	
21549	no paleo info	
21550	no paleo info	
21551	no paleo info	
21552	no paleo info	
21553	no paleo info	
21554	no paleo info	
21555	no paleo info	
21556	no paleo info	
21557	not diagnostic	
21558	not diagnostic	
21559	Miocene	
21560	Upper Eocene	
21561	not diagnostic	
21562	Eocene	
21563	Eocene A-2 zone	
21564	Eocene A-2 zone	
21565	Eocene A-2 zone	
21566	U Mohnian	
21567	Eocene A-2 zone	
21568	Eocene A-2 zone	
21569	Eocene A-2 zone	
21570	no paleo info	
21571	Pliocene	
21572	no paleo info	
21573	Miocene/Pliocene	
21574	no paleo info	
21575	U Eocene A zone	
21576	U Eocene A zone	
21577	U Eocene A zone	
21578	U Eocene A zone	
21579	U Eocene A zone	
21580	barren	
21581	Eocene?	
21582	barren	
21583	U Eocene A zone	
21584	U Eocene A zone	
21585	U Eocene A zone	
21586	U Eocene A zone	
21587	U Eocene A zone	
21588	U Eocene A zone	
21589	U Eocene A zone	
21590	U Eocene A zone	
21591	no paleo info	

	I	M
1	ONE/SERIES/AGF	
21592	Paleocene E zone	
21593	Eocene	
21594	Eocene	
21595	U Eocene A zone	
21596	not diagnostic	
21597	Miocene	
21598	Miocene	
21599	Miocene	
21600	Miocene	
21601	Miocene	
21602	Miocene	
21603	Miocene	
21604	Miocene	
21605	Miocene	
21606	not diagnostic	
21607	barren	
21608	M Eocene A-2 zon	
21609	M Eocene A-2 zon	
21610	Cretaceous?	
21611	Upper Cretaceous	
21612	Upper Cretaceous	
21613	no paleo info	
21614	Eocene	
21615	Lower Relizian	
21616	no paleo info	
21617	Lower Relizian	
21618	barren	
21619	no paleo info	
21620	barren	
21621	no paleo info	
21622	no paleo info	
21623	Upper Cretaceous	
21624	no paleo info	
21625	Miocene	
21626	no paleo info	
21627	Miocene	
21628	no paleo info	
21629	no paleo info	
21630	barren	
21631	barren	
21632	no paleo info	
21633	no paleo info	
21634	Lower Relizian	
21635	Luisian	
21636	no paleo info	
21637	no paleo info	
21638	no paleo info	
21639	no paleo info	
21640	no paleo info	
21641	no paleo info	
21642	U Eocene A zone	
21643	not diagnostic	
21644	no paleo info	
21645	no paleo info	
21646	no paleo info	
21647	no paleo info	
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21720	Zemorrian	
21721	Zemorrian?	
21722	not diagnostic	
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1	ONE/SERIES/AGF	
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21900	U Cret D-2 zone	
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1	ONE/SERIES/AGI	
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22056	rads only	
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22059	Upper Cretaceous	
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22061	?Cretaceous	
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22066	barren	
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22088	?Cretaceous	
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22094	Upper Cretaceous	
22095	barren	
22096	not diagnostic	
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22101	Upper Cretaceous	

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1	ZONE/SERIES/AGT	
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22110	Cretaceous	
22111	Eocene C zone	
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22115	Eocene C zone	
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22119	Upper Cretaceous	
22120	Upper Cretaceous	
22121	not diagnostic	
22122	not diagnostic	
22123	barren	
22124	no paleo info	
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22126	U Cret D-1 zone	
22127	U Cret D-2 zone	
22128	barren	
22129	barren	
22130	Eocene A-2 zone	
22131	Eocene A-2 zone	
22132	no paleo info	
22133	Eocene ?C zone	
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22135	Eocene ?C zone	
22136	Eocene ?C zone	
22137	Lower Eocene	
22138	Lower Eocene	
22139	Lower Eocene	
22140	Upper Cretaceous	
22141	barren	
22142	Upper Cretaceous	
22143	Upper Cretaceous	
22144	Paleocene	
22145	Paleocene	
22146	Paleocene	
22147	Lower Eocene	
22148	Lower Eocene	
22149	Lower Eocene	
22150	Upper Cretaceous	
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1	ONE/SERIES/AGF	
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22260	no paleo info	
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22262	L Cret J-2 zone	
22263	L Cret J-2 zone	
22264	L Cret J-2 zone	
22265	L Cret J-2 zone	
22266	L Cret J-2 zone	
22267	L Cret J-2 zone	
22268	U Cret E zone	
22269	Upper Eocene	
22270	Prob Paleocene	
22271	Prob Paleocene	

	I	M
1	ONE/SERIES/AGF	
22272	Refugian	
22273	no paleo info	
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22275	no paleo info	
22276	Eocene	
22277	barren	
22278	Eocene C zone	
22279	barren	
22280	Eocene A-2 zone	
22281	Eocene	
22282	no paleo info	
22283	Eocene C zone	
22284	Cretaceous	
22285	no paleo info	
22286	Upper Cretaceous	
22287	Upper Cretaceous	
22288	barren	
22289	U Cret E zone	
22290	Upper Cretaceous	
22291	Upper Cretaceous	
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22297	Upper Cretaceous	
22298	Upper Cretaceous	
22299	Upper Cretaceous	
22300	Upper Cretaceous	
22301	Middle Miocene	
22302	Probably Relizian	
22303	Luisian	
22304	Relizian	
22305	Relizian	
22306	Relizian	
22307	not diagnostic	
22308	poss Mohnian	
22309	poss Zemorrian	
22310	poss Zemorrian	
22311	Lower Zemorrian	
22312	Lower Zemorrian	
22313	Lower Zemorrian	
22314	not diagnostic	
22315	Relizian	
22316	Relizian	
22317	Relizian	
22318	not diagnostic	
22319	not diagnostic	
22320	Upper Eocene	
22321	no paleo info	
22322	no paleo info	
22323	no paleo info	
22324	M Eocene A-2	
22325	L Zemorrian	
22326	M Eocene A-2	
22327	M Eocene A-2	
22328	Miocene	
22329	Relizian	
22330	Lower Miocene	
22331	Middle Miocene	
22332	prob Eocene	
22333	Relizian	
22334	Relizian	
22335	Relizian	
22336	no paleo info	
22337	Zemorrian	
22338	Zem/Saucesian	
22339	Eocene	
22340	?Zemorrian	
22341	not diagnostic	
22342	Miocene	
22343	U Eocene A-2 zone	
22344	barren	
22345	no paleo info	
22346	Miocene	
22347	?Zemorrian	
22348	?Zemorrian	
22349	not diagnostic	
22350	Zemorrian	
22351	Zemorrian	
22352	not diagnostic	
22353	barren	
22354	Eocene	
22355	Eocene	
22356	Eocene	

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1	ONE/SERIES/AGT	
22357	Eocene	
22358	Eocene	
22359	not diagnostic	
22360	Zemorrian	
22361	Zemorrian	
22362	Lower Zemorrian	
22363	no paleo info	
22364	not diagnostic	
22365	Lower Zemorrian	
22366	no paleo info	
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22380	no paleo info	
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22385	Upper Miocene	
22386	poss U Cretaceous	
22387	Upper Cretaceous	
22388	Upper Cretaceous	
22389	Upper Cretaceous	
22390	U Cret D/E zones	
22391	brackish water	
22392	Upper Cretaceous	
22393	Miocene?	
22394	U Cret D zone	
22395	U Cret D-1 zone	
22396	U Cret D-1 zone	
22397	no paleo info	
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22399	no paleo info	
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22402	U Cret E zone	
22403	Upper Cretaceous	
22404	Cretaceous	
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22407	Cretaceous	
22408	Cretaceous	
22409	no paleo info	
22410	not diagnostic	
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22412	no paleo info	
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22414	no paleo info	
22415	Miocene	
22416	not diagnostic	
22417	Cretaceous?	
22418	Miocene	
22419	Eocene	
22420	not diagnostic	
22421	Eocene	
22422	no paleo info	
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22424	no paleo info	
22425	Mohanian?	
22426	no paleo info	
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22430	Paleocene	
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22432	U Cretaceous	
22433	U Cret E zone	
22434	no paleo info	
22435	no paleo info	
22436	not diagnostic	
22437	no paleo info	
22438	Mohanian?	
22439	no paleo info	
22440	not diagnostic	
22441	Upper Cretaceous	

	I	M
1	ONE/SERIES/AGF	
22442	Jur/Cret L/M zone	
22443	L Cret K zone	
22444	Upper Cretaceous	
22445	Upper Cretaceous	
22446	Upper Cretaceous	
22447	Middle Miocene	
22448	Upper Miocene	
22449	Miocene	
22450	poss Upper Miocene	
22451	not diagnostic	
22452	not diagnostic	
22453	not diagnostic	
22454	not diagnostic	
22455	not diagnostic	
22456	not diagnostic	
22457	not diagnostic	
22458	Zemorrian	
22459	Middle Miocene	
22460	Upper Zemorrian	
22461	barren	
22462	Relizian	
22463	Miocene	
22464	Miocene	
22465	barren	
22466	Miocene	
22467	Lower Mohnian	
22468	poss Eocene	
22469	not diagnostic	
22470	prob Saucisian	
22471	not diagnostic	
22472	L or M Miocene	
22473	Saucisian	
22474	Luisian	
22475	Relizian	
22476	Relizian	
22477	prob Relizian	
22478	Middle Miocene	
22479	not diagnostic	
22480	not diagnostic	
22481	Eocene B-4 zone	
22482	Eocene B-4 zone	
22483	Relizian	
22484	Eocene	
22485	not diagnostic	
22486	Luisian	
22487	Luisian	
22488	Eocene	
22489	Paleocene D zone	
22490	Middle Miocene	
22491	Paleocene D zone	
22492	Upper Miocene	
22493	Miocene/Pliocene	
22494	not diagnostic	
22495	Luisian	
22496	Luisian	
22497	Upper Miocene	
22498	not diagnostic	
22499	not diagnostic	
22500	Cretaceous	
22501	not diagnostic	
22502	Middle Miocene	
22503	Relizian	
22504	Lower Miocene	
22505	Relizian	
22506	not diagnostic	
22507	poss Upper Miocene	
22508	Zemorrian	
22509	Zemorrian	
22510	Zemorrian	
22511	Zemorrian	
22512	Relizian	
22513	Pliocene	
22514	Middle Miocene	
22515	Miocene	
22516	not diagnostic	
22517	no paleo info	
22518	no paleo info	
22519	no paleo info	
22520	no paleo info	
22521	no paleo info	
22522	no paleo info	
22523	no paleo info	
22524	no paleo info	
22525	no paleo info	
22526	Zemorrian	

	I	M
1	ONE/SERIES/AGT	
22527	Zemorrian	
22528	Zemorrian	
22529	poss U Miocene	
22530	Lower Miocene	
22531	no paleo info	
22532	no paleo info	
22533	no paleo info	
22534	no paleo info	
22535	no paleo info	
22536	no paleo info	
22537	Lower Mohnian	
22538	Eocene	
22539	no paleo info	no paleo info
22540	no paleo info	no paleo info
22541	no paleo info	no paleo info
22542	no paleo info	
22543	Lower Mohnian	
22544	Miocene	
22545	Miocene	
22546	Mohnian	
22547	L Cret K zone	
22548	no paleo info	
22549	no paleo info	
22550	no paleo info	
22551	Miocene?	
22552	Saucesian	
22553	Saucesian	
22554	not diagnostic	
22555	Saucesian	
22556	not diagnostic	
22557	Luisian	
22558	Luisian	
22559	Miocene?	
22560	Eocene A zone	
22561	not diagnostic	
22562	Mohnian	
22563	Saucesian	
22564	not diagnostic	
22565	Mohnian	
22566	Relizian	
22567	Relizian	
22568	Lower Mohnian	
22569	Plio/Pleistocene	
22570	Luisian	
22571	no paleo info	
22572	Pliocene	
22573	no paleo info	
22574	no paleo info	
22575	no paleo info	
22576	no paleo info	
22577	no paleo info	
22578	no paleo info	
22579	no paleo info	
22580	no paleo info	
22581	no paleo info	
22582	no paleo info	
22583	no paleo info	
22584	no paleo info	
22585	no paleo info	
22586	no paleo info	
22587	no paleo info	
22588	no paleo info	
22589	no paleo info	
22590	no paleo info	
22591	no paleo info	
22592	Upper Miocene	
22593	no paleo info	
22594	no paleo info	
22595	no paleo info	
22596	no paleo info	
22597	no paleo info	
22598	no paleo info	
22599	no paleo info	
22600	no paleo info	
22601	no paleo info	
22602	no paleo info	
22603	no paleo info	
22604	no paleo info	
22605	no paleo info	
22606	no paleo info	
22607	no paleo info	
22608	no paleo info	
22609	no paleo info	
22610	no paleo info	
22611	no paleo info	

	I	M
1	ONE/SERIES/AGT	
22612	no paleo info	
22613	no paleo info	
22614	no paleo info	
22615	no paleo info	
22616	no paleo info	
22617	no paleo info	
22618	no paleo info	
22619	no paleo info	
22620	no paleo info	
22621	no paleo info	
22622	no paleo info	
22623	no paleo info	
22624	no paleo info	
22625	no paleo info	
22626	U Cret D-2 zone	
22627	U Cret C/D zones	
22628	no paleo info	
22629	no paleo info	
22630	no paleo info	
22631	U Cret C/D zones	
22632	no paleo info	
22633	no paleo info	
22634	U Cret C/D zones	
22635	U Cret C/D zones	
22636	U Cret C/D zones	
22637	no paleo info	
22638	no paleo info	
22639	no paleo info	
22640	U Cret C/D zones	
22641	no paleo info	
22642	no paleo info	
22643	no paleo info	
22644	no paleo info	
22645	no paleo info	
22646	Miocene?	
22647	Miocene?	
22648	Miocene?	
22649	Miocene?	
22650	Miocene?	
22651	Miocene?	
22652	Miocene?	
22653	no paleo info	
22654	no paleo info	
22655	U Cret E zone	
22656	no paleo info	
22657	no paleo info	
22658	U Cret D-2 zone	
22659	U Cret D-2 zone	
22660	U Cret D-2 zone	
22661	U Cret D-2 zone	
22662	U Cret D-2 zone	
22663	no paleo info	
22664	no paleo info	
22665	U Cret D-2 zone	
22666	poss UK D-1 zone	
22667	no paleo info	
22668	Lower Zemorrian	
22669	Lower Zemorrian	
22670	Lower Zemorrian	
22671	Lower Zemorrian	
22672	Lower Zemorrian	
22673	Lower Zemorrian	
22674	Lower Zemorrian	
22675	not diagnostic	
22676	not diagnostic	
22677	Refugian	
22678	Refugian	
22679	Refugian	
22680	Refugian	
22681	Cretaceous	
22682	Cretaceous	
22683	Cretaceous	
22684	Cretaceous	
22685	Cretaceous	
22686	Cretaceous	
22687	Cretaceous	
22688	Refugian	
22689	Cretaceous	
22690	no paleo info	
22691	no paleo info	
22692	no paleo info	
22693	no paleo info	
22694	Lower Zemorrian	
22695	Lower Zemorrian	
22696	Lower Zemorrian	

	I	M
1	ONE/SERIES/AGf	
22697	Lower Zemorrian	
22698	Lower Zemorrian	
22699	Lower Zemorrian	
22700	Lower Zemorrian	
22701	no paleo info	
22702	no paleo info	
22703	no paleo info	
22704	no paleo info	
22705	Have NP list on ca	
22706	no paleo info	
22707	no paleo info	
22708	no paleo info	
22709	no paleo info	
22710	Have NP list on ca	
22711	no paleo info	
22712	no paleo info	
22713	no paleo info	
22714	no paleo info	
22715	no paleo info	
22716	no paleo info	
22717	no paleo info	
22718	no paleo info	
22719	no paleo info	
22720	no paleo info	
22721	no paleo info	
22722	no paleo info	
22723	no paleo info	
22724	no paleo info	
22725	no paleo info	
22726	no paleo info	
22727	Have NP list on ca	
22728	no paleo info	
22729	no paleo info	
22730	Cretaceous	
22731	Cretaceous	
22732	no paleo info	
22733	no paleo info	
22734	no paleo info	
22735	no paleo info	
22736	no paleo info	
22737	no paleo info	
22738	no paleo info	
22739	no paleo info	
22740	no paleo info	
22741	Cretaceous	
22742	Cretaceous	
22743	Cretaceous	
22744	no paleo info	
22745	no paleo info	
22746	no paleo info	
22747	no paleo info	
22748	Cretaceous	
22749	Cretaceous	
22750	Miocene	
22751	Saucesian?	
22752	no paleo info	
22753	U Cret E zone	
22754	Cretaceous	
22755	Cretaceous	
22756	Relizian?	
22757	Saucesian?	
22758	Cretaceous	
22759	Saucesian	
22760	Cretaceous	
22761	Cretaceous	
22762	Eocene	
22763	Cretaceous	
22764	Eocene?	
22765	Eocene?	
22766	Cretaceous	
22767	Cretaceous	
22768	Cretaceous	
22769	Cretaceous	
22770	Cretaceous	
22771	Cretaceous	
22772	Cretaceous	
22773	U Cret D zone	
22774	Cretaceous	
22775	no paleo info	
22776	no paleo info	
22777	Refugian	
22778	Refugian	
22779	Refugian	
22780	Cretaceous	
22781	Cretaceous	

	I	M
1	ZONE/SERIES/AGT	
22782	Cretaceous	
22783	Eocene	
22784	Eocene	
22785	Eocene	
22786	Eocene	
22787	Cretaceous	
22788	Eocene	
22789	Eocene	
22790	Eocene	
22791	Eocene	
22792	Eocene	
22793	Eocene	
22794	Eocene	
22795	Eocene	
22796	Eocene	
22797	Eocene	
22798	no paleo info	
22799	no paleo info	
22800	no paleo info	
22801	Cretaceous	
22802	Cretaceous	
22803	no paleo info	
22804	no paleo info	
22805	no paleo info	
22806	no paleo info	
22807	no paleo info	
22808	no paleo info	
22809	U Eocene A zone	
22810	U Eocene A zone	
22811	U Eocene A zone	
22812	U Eocene A zone	
22813	U Eocene A zone	
22814	U Eocene A zone	
22815	U Eocene A zone	
22816	U Eocene A zone	
22817	U Eocene A zone	
22818	U Eocene A zone	
22819	U Eocene A zone	
22820	U Eocene A zone	
22821	U Eocene A zone	
22822	no paleo info	
22823	Eocene	
22824	Eocene C zone	
22825	not diagnostic	
22826	Eocene C zone	
22827	barren	
22828	barren	
22829	barren	
22830	not diagnostic	
22831	not diagnostic	
22832	U Eocene A-2 zone	
22833	U Eocene A-2 zone	
22834	Sauc/Relizian	
22835	not diagnostic	
22836	Upper Saucesian	
22837	L Eocene B-3 zone	
22838	barren	
22839	Upper Saucesian	
22840	L Eocene B-3 zone	
22841	L or M Miocene	
22842	Miocene	
22843	L or M Miocene	
22844	L or M Miocene	
22845	Saucesian	
22846	Eocene	
22847	no paleo info	
22848	Sauc/Relizian	
22849	no paleo info	
22850	prob Eocene	
22851	Eocene	
22852	Miocene	
22853	Luisian	
22854	Saucesian?	
22855	not diagnostic	
22856	Middle Miocene	
22857	Middle Miocene	
22858	no paleo info	
22859	no paleo info	
22860	Upper Miocene	
22861	Upper Miocene	
22862	no paleo info	
22863	Upper Miocene	
22864	Upper? Miocene	
22865	Upper Miocene	
22866	Upper Miocene	

	I	M
1	ONE/SERIES/AGf	
22867	Upper? Miocene	
22868	Upper Miocene	
22869	Upper? Miocene	
22870	Zemorrian	
22871	Saucesian	
22872	Miocene	
22873	Lower Pliocene	
22874	Upper Pliocene	
22875	not diagnostic	
22876	Upper Pliocene	
22877	not diagnostic	
22878	Lower Pliocene	
22879	Miocene/Pliocene	
22880	Lower Pliocene	
22881	Upper Miocene	
22882	?Upper Luisian	
22883	Lower Pliocene	
22884	Miocene/Pliocene	
22885	no paleo info	
22886	no paleo info	
22887	no paleo info	
22888	no paleo info	
22889	no paleo info	
22890	no paleo info	
22891	no paleo info	
22892	no paleo info	
22893	no paleo info	
22894	Cretaceous?	
22895	not diagnostic	
22896	no paleo info	
22897	no paleo info	
22898	no paleo info	
22899	no paleo info	
22900	no paleo info	
22901	no paleo info	
22902	Upper Miocene	
22903	Upper Miocene	
22904	Saucesian	
22905	Saucesian	
22906	Saucesian?	
22907	Saucesian?	
22908	Relizian?	
22909	Pliocene	
22910	no paleo info	
22911	Eocene A-2 zone	
22912	Eocene A-2 zone	
22913	Miocene/Pliocene	
22914	no paleo info	
22915	no paleo info	
22916	no paleo info	
22917	no paleo info	
22918	not diagnostic	
22919	Saucesian	
22920	L Miocene	
22921	no paleo info	
22922	no paleo info	
22923	no paleo info	
22924	no paleo info	
22925	no paleo info	
22926	no paleo info	
22927	no paleo info	
22928	no paleo info	
22929	no paleo info	
22930	no paleo info	
22931	no paleo info	
22932	no paleo info	
22933	no paleo info	
22934	poss L Miocene	
22935	Saucesian	
22936	Saucesian	
22937	no paleo info	
22938	no paleo info	
22939	no paleo info	
22940	Pliocene	
22941	no paleo info	
22942	no paleo info	
22943	no paleo info	
22944	no paleo info	
22945	no paleo info	
22946	no paleo info	
22947	no paleo info	
22948	no paleo info	
22949	no paleo info	
22950	no paleo info	
22951	no paleo info	

	I	M
1	ONE/SERIES/AGF	
22952	no paleo info	
22953	no paleo info	
22954	no paleo info	
22955	no paleo info	
22956	L Eocene C zone	
22957	L Eocene C zone	
22958	L Eocene C zone	
22959	L Eocene C zone	
22960	L Eocene C zone	
22961	not diagnostic	
22962	Cret/Paleocene	
22963	not diagnostic	
22964	Cret/Paleocene	
22965	Upper Cretaceous	
22966	Paleocene E zone	
22967	Cret/Paleocene	
22968	Paleocene E zone	
22969	barren	
22970	Upper Cretaceous	
22971	L Eocene B-3 zone	
22972	L Eocene B-3 zone	
22973	L Eocene C zone	
22974	L Eocene C zone	
22975	L Eocene C zone	
22976	Upper Cretaceous	
22977	barren	
22978	L Eocene B-3 zone	
22979	?Lower Eocene	
22980	Upper Cretaceous	
22981	Cretaceous?	
22982	Luisian	
22983	Luisian	
22984	Luisian	
22985	Lower Zemorrian	
22986	Lower Zemorrian	
22987	Middle Miocene	
22988	Eocene B1-A zone	
22989	Eocene B1-A zone	
22990	Eocene B1-A zone	
22991	Eocene B1-A zone	
22992	no paleo info	
22993	Oligocene?	
22994	Miocene	
22995	no paleo info	
22996	Miocene	
22997	no paleo info	
22998	no paleo info	
22999	no paleo info	
23000	no paleo info	
23001	no paleo info	
23002	no paleo info	
23003	no paleo info	
23004	no paleo info	
23005	no paleo info	
23006	no paleo info	
23007	no paleo info	
23008	no paleo info	
23009	no paleo info	
23010	no paleo info	
23011	no paleo info	
23012	Miocene	
23013	Saucesian	
23014	Saucesian	
23015	no paleo info	
23016	no paleo info	
23017	no paleo info	
23018	Cretaceous	
23019	Cretaceous	
23020	Cretaceous	
23021	Cretaceous	
23022	Upper Cretaceous	
23023	Upper Cretaceous	
23024	Eocene A-2 zone	
23025	Eocene A-2 zone	
23026	Upper Cretaceous	
23027	Upper Cretaceous	
23028	Upper Cretaceous	
23029	Upper Cretaceous	
23030	Upper Cretaceous	
23031	no paleo info	
23032	no paleo info	
23033	no paleo info	
23034	no paleo info	
23035	U Cret f/G zones	
23036	Pliocene?	

	I	M
1	ONE/SERIES/AGF	
23037	Pliocene?	
23038	not diagnostic	
23039	not diagnostic	
23040	Eocene	
23041	Eocene	
23042	E Eocene A-2 zone	
23043	no paleo info	
23044	L Cret J zone	
23045	not diagnostic	
23046	no paleo info	
23047	no paleo info	
23048	no paleo info	
23049	no paleo info	
23050	no paleo info	
23051	U Cret G-1 zone	
23052	U Cret G-1 zone	
23053	U Cret G-1 zone	
23054	no paleo info	
23055	U Cret G-1 zone	
23056	no paleo info	
23057	no paleo info	
23058	no paleo info	
23059	U Cret G-1 zone	
23060	U Cret G-1 zone	
23061	not diagnostic	
23062	not diagnostic	
23063	barren	
23064	U Cret I zone	
23065	Jurassic	
23066	Jurassic	
23067	L Cret J-2 zone	
23068	L Cret J-2 zone	
23069	not diagnostic	
23070	L Cret J-2 zone	
23071	U Cret I zone	
23072	no paleo info	
23073	no paleo info	
23074	no paleo info	
23075	no paleo info	
23076	no paleo info	
23077	no paleo info	
23078	Lower Cretaceous	
23079	Pliocene	
23080	Pliocene	
23081	Pliocene	
23082	Pliocene	
23083	Pliocene	
23084	Pliocene	
23085	Pliocene	
23086	Pliocene	
23087	Pliocene	
23088	Pliocene	
23089	Pliocene	
23090	Pliocene	
23091	not diagnostic	
23092	not diagnostic	
23093	Luisian	
23094	Saucesian	
23095	barren	
23096	no paleo info	
23097	no paleo info	
23098	no paleo info	
23099	no paleo info	
23100	no paleo info	
23101	no paleo info	
23102	no paleo info	
23103	no paleo info	
23104	no paleo info	
23105	no paleo info	
23106	Zem/Saucesian	
23107	Zem/Saucesian	
23108	no paleo info	
23109	no paleo info	
23110	no paleo info	
23111	no paleo info	
23112	no paleo info	
23113	no paleo info	
23114	Lower Miocene	
23115	Lower Miocene	
23116	Lower Miocene	
23117	Lower Miocene	
23118	not diagnostic	
23119	Luisian	
23120	not diagnostic	
23121	not diagnostic	

	I	M
1	ONE/SERIES/AGE	
23122	Lower Miocene	
23123	no paleo info	
23124	Lower Miocene	
23125	Lower Miocene	
23126	no paleo info	
23127	not diagnostic	
23128	not diagnostic	
23129	Lower Miocene	
23130	not diagnostic	
23131	Lower Miocene	
23132	Eocene A-2/C zone	
23133	Lower Miocene	
23134	not diagnostic	
23135	Lower Miocene	
23136	Lower Miocene	
23137	Lower Miocene	
23138	Lower Miocene	
23139	no paleo info	
23140	Eocene	
23141	Eocene	
23142	Relizian	
23143	no paleo info	
23144	no paleo info	
23145	no paleo info	
23146	no paleo info	
23147	no paleo info	
23148	no paleo info	
23149	no paleo info	
23150	no paleo info	
23151	no paleo info	
23152	no paleo info	
23153	no paleo info	
23154	Eocene	
23155	no age info	
23156	no age info	
23157	no paleo info	
23158	no paleo info	
23159	no paleo info	
23160	Lower Zemorrian	
23161	Mohnian	
23162	Mohnian	
23163	Mohnian	
23164	Lower Miocene	
23165	Eocene A-2 zone	
23166	not diagnostic	
23167	Zemorrian	
23168	Luisian	
23169	no paleo info	
23170	no paleo info	
23171	no paleo info	
23172		
23173	?Lower Mohnian	
23174	not diagnostic	
23175	Luisian	
23176	not diagnostic	
23177	not diagnostic	
23178	not diagnostic	
23179	not diagnostic	
23180	not diagnostic	
23181	not diagnostic	
23182	L Eocene C Zone	
23183	Paleocene E zone	
23184	Lower Mohnian	
23185	Paleocene E zone	
23186	Eocene	
23187	Eocene	
23188	Paleocene E Zone	
23189	Paleocene E zone	
23190	Relizian	
23191	Paleocene E zone	
23192	Mohnian	
23193	prob L Miocene	
23194	prob L Miocene	
23195	not diagnostic	
23196	Trifuno Pass	
23197	not diagnostic	
23198	Zemorrian	
23199	Zemorrian	
23200	no paleo info	
23201	no paleo info	
23202	Lower Miocene	
23203	Saucesian	
23204	Saucesian	
23205	Saucesian	
23206	Saucesian	

	I	M
1	ONE/SERIES/AG	
23207	no paleo info	
23208	no paleo info	
23209	no paleo info	
23210	no paleo info	
23211	no age provided	
23212	not diagnostic	
23213	Saucesian	
23214	Eocene	
23215	Eocene	
23216	Eocene	
23217	Eocene	
23218	Eocene	
23219	Eocene	
23220	Luisian	
23221	Luisian	
23222	Luisian	
23223	Miocene	
23224	Saucesian	
23225	Saucesian	
23226	Saucesian	
23227	Zemorrian	
23228	no age provided	
23229	no age provided	
23230	Pliocene	
23231	no paleo info	
23232	Miocene?	
23233	Zemorrian	
23234	no paleo info	
23235	no paleo info	
23236	no paleo info	
23237	no paleo info	
23238	no paleo info	
23239	no paleo info	
23240	no paleo info	
23241	no paleo info	
23242	no paleo info	
23243	no paleo info	
23244	Upper Miocene	
23245	not diagnostic	
23246	no paleo info	
23247	no paleo info	
23248	no paleo info	
23249	Saucesian	
23250	no paleo info	
23251	Upper Zemorrian	
23252	no paleo info	
23253	no paleo info	
23254	no paleo info	
23255	no paleo info	
23256	no paleo info	
23257	no paleo info	
23258	no paleo info	
23259	Eocene?	
23260	no paleo info	
23261	Cretaceous	
23262	not diagnostic	
23263	Zemorrian?	
23264	Saucesian?	
23265	not diagnostic	
23266	poss Luisian	
23267	not diagnostic	
23268	not diagnostic	
23269	not diagnostic	
23270	Zemorrian	
23271	Zemorrian	
23272	Zemorrian	
23273	Middle Miocene	
23274	Relizian	
23275	Relizian	
23276	Relizian	
23277	Lower Miocene	
23278	Middle Miocene	
23279	Eocene	
23280	Eocene	
23281	Eocene	
23282	Eocene	
23283	Eocene	
23284	Eocene	
23285	no paleo info	
23286	Eocene	
23287	Eocene	
23288	Eocene	
23289	Eocene	
23290	no paleo info	
23291	no paleo info	

	I	M
1	ONE/SERIES/AGF	
23292	no paleo info	
23293	no paleo info	
23294	no paleo info	
23295	no paleo info	
23296	no paleo info	
23297	Luisian	
23298	Luisian	
23299	Relizian	
23300	Saucesian?	
23301	Saucesian?	
23302	no paleo info	
23303	Relizian	
23304	no paleo info	
23305	no paleo info	
23306	no paleo info	
23307	no paleo info	
23308	Eocene	
23309	Eocene	
23310	no paleo info	
23311	no paleo info	
23312	no paleo info	
23313	Eocene	
23314	Eocene	
23315	Eocene	
23316	Eocene	
23317	Eocene	
23318	Eocene	
23319	Eocene	
23320	no paleo info	
23321	Eocene	
23322	Eocene	
23323	Eocene	
23324	Eocene	
23325	Eocene	
23326	Eocene	
23327	Eocene	
23328	Eocene	
23329	Eocene	
23330	Eocene	
23331	Eocene	
23332	Eocene	
23333	Eocene	
23334	no paleo info	
23335	no paleo info	
23336	Eocene	
23337	no paleo info	
23338	no paleo info	
23339	Upper Miocene	
23340	Upper Miocene	
23341	Upper Miocene	
23342	Upper Miocene	
23343	nonmarine	
23344	Upper Miocene	
23345	no paleo info	
23346	no paleo info	
23347	no paleo info	
23348	no paleo info	
23349	Miocene	
23350	Eocene	
23351	Mohnian	
23352	Eocene	
23353	Eocene	
23354	Eocene	
23355	Eocene	
23356	Eocene	
23357	Eocene	
23358	Eocene	
23359	no paleo info	
23360	Cretaceous?	
23361	Cretaceous	
23362	no paleo info	
23363	no paleo info	
23364	no paleo info	
23365	no paleo info	
23366	no paleo info	
23367	no paleo info	
23368	Eocene	
23369	Eocene	
23370	no paleo info	
23371	no paleo info	
23372	no paleo info	
23373	no paleo info	
23374	Eocene	
23375	Eocene	
23376	no paleo info	

	I	M
1	ONE/SERIES/AGT	
23377	no paleo info	
23378	no paleo info	
23379	no age info	
23380	no paleo info	
23381	no paleo info	
23382	no paleo info	
23383	Upper Mohnian	
23384	Relizian	
23385	no paleo info	
23386	no paleo info	
23387	no paleo info	
23388	no paleo info	
23389	no paleo info	
23390	no paleo info	
23391	no paleo info	
23392	no paleo info	
23393	no paleo info	
23394	Eocene	
23395	no paleo info	
23396	Paleocene/Eocene	
23397	Upper Cretaceous	
23398	Upper Cretaceous	
23399	Paleocene	
23400	Paleocene	
23401	Cretaceous	
23402	Paleocene	
23403	no paleo info	
23404	Middle Miocene	
23405	no paleo info	
23406	no paleo info	
23407	no paleo info	
23408	Pliocene	
23409	Mohnian	
23410	not diagnostic	
23411	Mohnian	
23412	Mohnian	
23413	Mohnian	
23414	Mohnian	
23415	Mohnian	
23416	not diagnostic	
23417	not diagnostic	
23418	poss Mohnian	
23419	not diagnostic	
23420	not diagnostic	
23421	no paleo info	
23422	no paleo info	
23423	no paleo info	
23424	no paleo info	
23425	no paleo info	
23426	no paleo info	
23427	no paleo info	
23428	no paleo info	
23429	no paleo info	
23430	no paleo info	
23431	no paleo info	
23432	poss Relizian	
23433	Eocene or Cret	
23434	no paleo info	
23435	Cret Senonian	
23436	U Cret/Paleocene	
23437	U Cret/Paleocene	
23438	U Cret/Paleocene	
23439	Paleocene	
23440	U Cret/Paleocene	
23441	not diagnostic	
23442	U Cret/Paleocene	
23443	Eocene	
23444	Zemorrian	
23445	Zemorrian	
23446	Saucesian	
23447	poss Miocene	
23448	Zemorrian	
23449	poss Relizian	
23450	Upper Cretaceous	
23451	U Cret/Paleocene	
23452	U Cretaceous	
23453	not diagnostic	
23454	Mohnian	
23455	not diagnostic	
23456	Miocene/Pliocene	
23457	U Cret/Paleocene	
23458	U Cret/Paleocene	
23459	U Cret/Paleocene	
23460	U Cret/Paleocene	
23461	Eocene	

	I	M
1	ONE/SERIES/AGT	
23462	not diagnostic	
23463	U Cret/Paleocene	
23464	no paleo info	
23465	not diagnostic	
23466	prob Relizian	
23467	prob Luisian	
23468	not diagnostic	
23469	not diagnostic	
23470	not diagnostic	
23471	not diagnostic	
23472	Saucesian	
23473	poss Saucesian	
23474	Saucesian	
23475	not diagnostic	
23476	Zemorrian	
23477	poss Zemorrian	
23478	not diagnostic	
23479	not diagnostic	
23480	Zemorrian	
23481	Zemorrian	
23482	not diagnostic	
23483	Zemorrian	
23484	not diagnostic	
23485	not diagnostic	
23486	not diagnostic	
23487	not diagnostic	
23488	Zemorrian	
23489	U Eocene A-2 zon	
23490	U Eocene A-2 zon	
23491	not diagnostic	
23492	Pliocene	
23493	Pliocene	
23494	not diagnostic	
23495	not diagnostic	
23496	Eocene	
23497	poss Eocene	
23498	barren	
23499	not diagnostic	
23500	no paleo info	
23501	not diagnostic	
23502	Zemorrian	
23503	not diagnostic	
23504	not diagnostic	
23505	no paleo info	
23506	barren	
23507	barren	
23508	poss Mohnian	
23509	not diagnostic	
23510	U Eocene A zone	
23511	not diagnostic	
23512	Paleocene	
23513	no paleo info	
23514	Paleocene?	
23515	not diagnostic	
23516	Miocene	
23517	not diagnostic	
23518	Zemorrian	
23519	not diagnostic	
23520	Pliocene	
23521	Miocene/Pliocene	
23522	no paleo info	
23523	no paleo info	
23524	not diagnostic	
23525	no paleo info	
23526	no paleo info	
23527	not diagnostic	
23528	not diagnostic	
23529	not diagnostic	
23530	not diagnostic	
23531	no paleo info	
23532	no paleo info	
23533	not diagnostic	
23534	no paleo info	
23535	no paleo info	
23536	no paleo info	
23537	Eocene	
23538	Upper Miocene	
23539	Upper Miocene	
23540	no paleo info	
23541	not diagnostic	
23542	not diagnostic	
23543	check??	
23544	Refugian	
23545	uncertain	
23546	U Eocene A zone	

	I	M
1	ONE/SERIES/AGT	
23547	Zemorrian	
23548	Relizian	
23549	Eocene	
23550	not diagnostic	
23551	prob Eocene	
23552	no paleo info	
23553	no paleo info	
23554	Mohnian	
23555	no paleo info	
23556	Upper Miocene	
23557	no paleo info	
23558	no paleo info	
23559	Middle Miocene	
23560	Luisian	
23561	Middle Miocene	
23562	not diagnostic	
23563	Mohnian	
23564	Zemorrian	
23565	not diagnostic	
23566	Upper Miocene	
23567	Upper Miocene	
23568	Upper Miocene	
23569	Upper Miocene	
23570	Upper Miocene	
23571	Upper Miocene	
23572	Middle Miocene	
23573	poss Mohnian	
23574	Upper Miocene	
23575	Upper Miocene	
23576	Luisian	
23577	Luisian	
23578	not diagnostic	
23579	poss Mohnian	
23580	Luisian	
23581	Mohnian	
23582	not diagnostic	
23583	Sauc/Relizian	
23584	not diagnostic	
23585	Mohnian	
23586	Luisian	
23587	U Mohnian	
23588	L Mohnian	
23589	Upper Miocene	
23590	no paleo info	
23591	no paleo info	
23592	not diagnostic	
23593	Upper Eocene	
23594	Upper Eocene	
23595	Upper Eocene	
23596	barren of forams	
23597	Zemorrian	
23598	Lower Miocene	
23599	Lower Miocene	
23600	barren of forams	
23601	? Upper Miocene	
23602	Upper Miocene	
23603	? Upper Miocene	
23604	not diagnostic	
23605	no	
23606		
23607	Middle Miocene	
23608	Middle Miocene	
23609	Lower Relizian	
23610	L-M Miocene	
23611	L-M Miocene	
23612	U Relizian	
23613	Relizian	
23614	indeterminate	
23615	Lower Luisian	
23616	Luisian	
23617	Relizian	
23618	? Middle Miocene	
23619	? Upper Miocene	
23620	not diagnostic	
23621	not diagnostic	
23622	? Upper Miocene	
23623	not diagnostic	
23624	Relizian	
23625	not diagnostic	
23626	Relizian	
23627	Lower Relizian	
23628	Relizian	
23629	not diagnostic	
23630	not diagnostic	
23631	Luisian	

	I	M
1	ONE/SERIES/AGT	
23632	Middle Miocene	
23633	Middle Miocene	
23634	Middle Miocene	
23635	Middle Miocene	
23636	?Lower Mohnian	
23637	?Lower Mohnian	
23638	not diagnostic	
23639	not diagnostic	
23640	Luisian	
23641	Luisian	
23642	poss U Miocene	
23643	not diagnostic	
23644	Luisian	
23645	Luisian	
23646	Luisian	
23647	Luisian	
23648	Luisian	
23649	Luisian	
23650	Luisian	
23651	M Miocene	
23652	M Miocene	
23653	M Miocene	
23654	M Miocene?	
23655	M Miocene	
23656	Upper Saucesian	
23657	Saucesian	
23658	Luisian	
23659	M Miocene	
23660	poss L Relizian	
23661	Middle Miocene	
23662	not diagnostic	
23663	not diagnostic	
23664	not diagnostic	
23665	not diagnostic	
23666	Lower Mohnian	
23667	Saucesian	
23668	Pliocene	
23669	Lower Miocene	
23670	Lower Miocene	
23671	Lower Miocene	
23672	Refugian	
23673	U Eocene A zone	
23674	U Eocene A zone	
23675	poss Mohnian	
23676	U Eocene A zone	
23677	Upper Miocene?	
23678	Upper Miocene?	
23679	Upper Miocene?	
23680	possibly L Mohnian	
23681	possibly L Mohnian	
23682	not diagnostic	
23683	Mohnian	
23684	lowermost Relizian	
23685	Lower Relizian	
23686	Relizian	
23687	Prob Saucesian	
23688	Prob Saucesian	
23689	not diagnostic	
23690	Lower Miocene	
23691	not diagnostic	
23692	Lower Saucesian	
23693	Saucesian/Relizian	
23694	Lower Miocene	
23695	Lower Miocene	
23696	Lower Miocene	
23697	Lower Miocene	
23698	not diagnostic	
23699	not diagnostic	
23700	Middle Miocene	
23701	Lower Miocene	
23702	not diagnostic	
23703	not diagnostic	
23704	not diagnostic	
23705	Lower Miocene	
23706	Lower Miocene	
23707	Luisian	
23708	Luisian	
23709	Miocene/Pliocene	
23710	not diagnostic	
23711	not diagnostic	
23712	not diagnostic	
23713	prob Zemorrian	
23714	Lower Zemorrian	
23715	not diagnostic	
23716	Upper Eocene	

	I	M
1	ONE/SERIES/AG	
23717	Upper Eocene	
23718	Upper Eocene	
23719	Upper Eocene	
23720	prob Eocene	
23721	not diagnostic	
23722	prob Eocene	
23723	not diagnostic	
23724	not diagnostic	
23725	not diagnostic	
23726	Lower Zemorrian	
23727	barren	
23728	not diagnostic	
23729	Middle Miocene	
23730	Middle Miocene	
23731	Middle Miocene	
23732	Lower Miocene	
23733	Saucesian	
23734	Lower Relizian	
23735	Upper Zemorrian	
23736	Upper Zemorrian	
23737	Eocene A zone	
23738	Eocene A zone	
23739	Eocene A zone	
23740	Refugian	
23741	L or M Miocene	
23742	L or M Miocene	
23743	Refugian	
23744	Luisian	
23745	Relizian	
23746	Relizian	
23747	Middle Miocene	
23748	Saucesian	
23749	Lower Miocene	
23750	Saucesian	
23751	Upper Miocene	
23752	Saucesian	
23753	Lower Miocene	
23754	Saucesian/Relizian	
23755	Lower Saucesian	
23756	Lower Miocene	
23757	not diagnostic	
23758	not diagnostic	
23759	Upper Zemorrian	
23760	Saucesian	
23761	Zemorrian	
23762	not diagnostic	
23763	not diagnostic	
23764	Upper Zemorrian	
23765	Lower Zemorrian	
23766	Lower Zemorrian	
23767	Lower Zemorrian	
23768	not diagnostic	
23769	Lower Zemorrian	
23770	not diagnostic	
23771	not diagnostic	
23772	barren	
23773	Zem/Saucesian	
23774	Middle Miocene	
23775	Miocene/Pliocene	
23776	Lower Miocene	
23777	Zemorrian	
23778	U Eocene A zone	
23779	not diagnostic	
23780	not diagnostic	
23781	prob Eocene	
23782	U Eocene A zone	
23783	prob Refugian	
23784	Eocene A zone	
23785	Eocene A zone	
23786	Eocene A zone	
23787	Eocene A zone	
23788	Refugian	
23789	Eocene A zone	
23790	Eocene A zone	
23791	Eocene A zone	
23792	Eocene A zone	
23793	Eocene A zone	
23794	not diagnostic	
23795	Middle Miocene	
23796	Relizian	
23797	poss Zemorrian	
23798	not diagnostic	
23799	Lower Miocene	
23800	Zemorrian	
23801	Saucesian/Reliz	

	I	M
1	ONE/SERIES/AGF	
23802	U Eocene A zone	
23803	not diagnostic	
23804	no paleo info	
23805	no paleo info	
23806	no paleo info	
23807	no paleo info	
23808	no paleo info	
23809	no paleo info	
23810	no paleo info	
23811	no paleo info	
23812	no paleo info	
23813	no paleo info	
23814	no paleo info	
23815	no paleo info	
23816	no paleo info	
23817	no paleo info	
23818	no paleo info	
23819	no paleo info	
23820	no paleo info	
23821	no paleo info	
23822	no paleo info	
23823	no paleo info	
23824	no paleo info	
23825	no paleo info	
23826	no paleo info	
23827	no paleo info	
23828	no paleo info	
23829	Luisian	
23830	Lower Saucesian	
23831	Lower Saucesian	
23832	Lower Saucesian	
23833	not diagnostic	
23834	Middle Miocene	
23835	Middle Miocene	
23836	Luisian	
23837	Luisian	
23838	no paleo info	
23839	no paleo info	
23840	no paleo info	
23841	no paleo info	
23842	no paleo info	
23843	no paleo info	
23844	Saucesian/Luisian	
23845	Saucesian/Luisian	
23846	not diagnostic	
23847	no paleo info	
23848	Jur M Zone	
23849	?Jur M zone	
23850	no paleo info	
23851	L Cret L zone	
23852	Lower Cret K zone	
23853	no paleo info	
23854	no paleo info	
23855	no paleo info	
23856	no paleo info	
23857	no paleo info	
23858	no paleo info	
23859	no paleo info	
23860	no paleo info	
23861	no paleo info	
23862	barren	
23863	barren	
23864	barren	
23865	not diagnostic	
23866	not diagnostic	
23867	not diagnostic	
23868	not diagnostic	
23869	not diagnostic	
23870	not diagnostic	
23871	not diagnostic	
23872	not diagnostic	
23873	U Cret F-1/G-1	
23874	U Cret F-1/G-1	
23875	U Cret F-1/G-1	
23876	U Cret F-1/G-1	
23877	U Cret F-1/G-1	
23878	U Cret F-1/G-1	
23879	U Cret F-1/G-1	
23880	U Cret F-1/G-1	
23881	U Cret F-1/G-1	
23882	not diagnostic	
23883	not diagnostic	
23884	not diagnostic	
23885	not diagnostic	
23886	not diagnostic	

	I	M
1	ZONE/SERIES/AGF	
23887	U Cret G-1 zone	
23888	U Cret G-1 zone	
23889	U Cret G-1 zone	
23890	U Cret G-1 zone	
23891	U Cret G-1 zone	
23892	U Cret G-1 zone	
23893	not diagnostic	
23894	U Cret F-1/G-1	
23895	not diagnostic	
23896	not diagnostic	
23897	not diagnostic	
23898	not diagnostic	
23899	not diagnostic	
23900	not diagnostic	
23901	not diagnostic	
23902	not diagnostic	
23903	U Cret G-1 zone	
23904	U Cret G-1 zone	
23905	U Cret G-1 zone	
23906	U Cret G-1 zone	
23907	U Cret G-1 zone	
23908	U Cret G-1 zone	
23909	U Cret G-1 zone	
23910	U Cret G-1 zone	
23911	U Cret G-1 zone	
23912	U Cret G-1 zone	
23913	U Cret G-1 zone	
23914	U Cret G-1 zone	
23915	U Cret G-1 zone	
23916	U Cret G-1 zone	
23917	U Cret G-1 zone	
23918	U Cret G-1 zone	
23919	U Cret G-1 zone	
23920	U Cret G-1 zone	
23921	U Cret G-1 zone	
23922	U Cret G-1 zone	
23923	U Cret G-1 zone	
23924	U Cret G-1 zone	
23925	U Cret F-1/G-1	
23926	U Cret F-1/G-1	
23927	not diagnostic	
23928	U Cret F-1/G-1	
23929	U Cret F-1/G-1	
23930	U Cret F-1/G-1	
23931	U Cret F-1/G-1	
23932	U Cret F-1/G-1	
23933	not diagnostic	
23934	U Cret F-1/G-1	
23935	U Cret F-1/G-1	
23936	U Cret F-1/G-1	
23937	U Cret F-1/G-1	
23938	U Cret F-1/G-1	
23939	U Cret F-1/G-1	
23940	U Cret F-1/G-1	
23941	no paleo info	
23942	no paleo info	
23943	Upper Cretaceous	
23944	U Cret G-1 zone	
23945	U Cret G-1 zone	
23946	U Cret G-1 zone	
23947	no paleo info	
23948	U Cret G-1 zone	
23949	U Cret G-1 zone	
23950	U Cret G-1 zone	
23951	Upper Cretaceous	
23952	U Cret H zone	
23953	U Cret H zone	
23954	U Cret H zone	
23955	U Cret H zone	
23956	U Cret H zone	
23957	U Cret H zone	
23958	U Cret H zone	
23959	U Cret H zone	
23960	U Cret H zone	
23961	U Cret H zone	
23962	U Cret H zone	
23963	U Cret H zone	
23964	U Cret H zone	
23965	U Cret H zone	
23966	U Cret H zone	
23967	U Cret H zone	
23968	U Cret H zone	
23969	U Cret H zone	
23970	U Cret H zone	
23971	U Cret H zone	

	I	M
1	ONE/SERIES/AGF	
23972	U Cret H zone	
23973	U Cret H zone	
23974	U Cret H zone	
23975	U Cret H zone	
23976	U Cret H zone	
23977	U Cret H zone	
23978	U Cret H zone	
23979	U Cret H zone	
23980	U Cret H zone	
23981	U Cret H zone	
23982	U Cret H zone	
23983	U Cret H zone	
23984	U Cret H zone	
23985	U Cret H zone	
23986	U Cret H zone	
23987	U Cret H zone	
23988	U Cret H zone	
23989	U Cret H zone	
23990	U Cret H zone	
23991	U Cret G-1 zone	
23992	U Cret G-1 zone	
23993	U Cret G-1 zone	
23994	U Cret G-1 zone	
23995	U Cret G-1 zone	
23996	U Cret G-1 zone	
23997	U Cret G-1 zone	
23998	U Cret G-1 zone	
23999	U Cret G-1 zone	
24000	not diagnostic	
24001	not diagnostic	
24002	not diagnostic	
24003	not diagnostic	
24004	Prob U Cret H zon	
24005	Prob U Cret H zon	
24006	Prob U Cret H zon	
24007	Prob U Cret H zon	
24008	Prob U Cret H zon	
24009	Prob U Cret H zon	
24010	Prob U Cret H zon	
24011	Prob U Cret H zon	
24012	Prob U Cret H zon	
24013	Prob U Cret H zon	
24014	Prob U Cret H zon	
24015	Prob U Cret H zon	
24016	Prob U Cret H zon	
24017	Prob U Cret H zon	
24018	Prob U Cret H zon	
24019	Prob U Cret H zon	
24020	Prob U Cret H zon	
24021	Prob U Cret H zon	
24022	Prob U Cret H zon	
24023	Prob U Cret H zon	
24024	Prob U Cret H zon	
24025	Prob U Cret H zon	
24026	Prob U Cret H zon	
24027	Prob U Cret H zon	
24028	Prob U Cret H zon	
24029	Prob U Cret H zon	
24030	Prob U Cret H zon	
24031	Prob U Cret H zon	
24032	Prob U Cret H zon	
24033	Prob U Cret H zon	
24034	Prob U Cret H zon	
24035	Prob U Cret H zon	
24036	Prob U Cret H zon	
24037	Prob U Cret H zon	
24038	Prob U Cret H zon	
24039	Prob U Cret H zon	
24040	Prob U Cret H zon	
24041	Prob U Cret H zon	
24042	Prob U Cret H zon	
24043	Prob U Cret H zon	
24044	Prob U Cret H zon	
24045	Prob U Cret H zon	
24046	Prob U Cret H zon	
24047	Prob U Cret H zon	
24048	Prob U Cret H zon	
24049	Prob U Cret H zon	
24050	Prob U Cret H zon	
24051	Prob U Cret H zon	
24052	Prob U Cret H zon	
24053	Prob U Cret H zon	
24054	Prob U Cret H zon	
24055	Prob U Cret H zon	
24056	Prob U Cret H zon	

	I	M
1	ONE/SERIES/AGF	
24057	Prob U Cret H zon	
24058	Prob U Cret H zon	
24059	Prob U Cret H zon	
24060	Prob U Cret H zon	
24061	Prob U Cret H zon	
24062	Prob U Cret H zon	
24063	Prob U Cret H zon	
24064	Prob U Cret H zon	
24065	Prob U Cret H zon	
24066	Prob U Cret H zon	
24067	Prob U Cret H zon	
24068	Prob U Cret H zon	
24069	Prob U Cret H zon	
24070	Prob U Cret H zon	
24071	Prob U Cret H zon	
24072	U Cret H zone	
24073	U Cret H zone	
24074	U Cret H zone	
24075	U Cret H zone	
24076	U Cret H zone	
24077	U Cret H zone	
24078	U Cret H zone	
24079	U Cret H zone	
24080	U Cret H zone	
24081	U Cret H zone	
24082	U Cret H zone	
24083	U Cret H zone	
24084	U Cret H zone	
24085	U Cret H zone	
24086	U Cret H zone	
24087	U Cret H zone	
24088	U Cret H zone	
24089	U Cret H zone	
24090	U Cret H zone	
24091	U Cret H zone	
24092	U Cret H zone	
24093	U Cret H zone	
24094	U Cret H zone	
24095	U Cret H zone	
24096	U Cret H zone	
24097	U Cret H zone	
24098	U Cret H zone	
24099	U Cret H zone	
24100	U Cret H zone	
24101	U Cret H zone	
24102	U Cret H zone	
24103	U Cret H zone	
24104	U Cret H zone	
24105	U Cret H zone	
24106	U Cret H zone	
24107	U Cret H zone	
24108	U Cret H zone	
24109	U Cret H zone	
24110	U Cret H zone	
24111	U Cret H zone	
24112	not diagnostic	
24113	not diagnostic	
24114	not diagnostic	
24115	not diagnostic	
24116	not diagnostic	
24117	not diagnostic	
24118	no paleo info	
24119	no paleo info	
24120	no paleo info	
24121	no paleo info	
24122	no paleo info	
24123	no paleo info	
24124	Upper Zemorrian	
24125	Upper Zemorrian	
24126	Paleocene	
24127	Cretaceous	
24128	Lower Relizian	
24129	not diagnostic	
24130	Lower Eocene	
24131	Lower Eocene	
24132	Lower Eocene	
24133	Lower Eocene	
24134	Lower Eocene	
24135	Lower Eocene	
24136	Lower Eocene	
24137	Lower Eocene	
24138	Lower Eocene	
24139	Middle Eocene	
24140	Middle Eocene	
24141	Middle Eocene	

	I	M
1	ONE/SERIES/AGT	
24142	Middle Eocene	
24143	Middle Eocene	
24144	Middle Eocene	
24145	Middle Eocene	
24146	Middle Eocene	
24147	Middle Eocene	
24148	Middle Eocene	
24149	Middle Eocene	
24150	Middle Eocene	
24151	Middle Eocene	
24152	Middle Eocene	
24153	Middle Eocene	
24154	Middle Eocene	
24155	Middle Eocene	
24156	Middle Eocene	
24157	no paleo info	
24158	no paleo info	
24159	no paleo info	
24160	no paleo info	
24161	no paleo info	
24162	no paleo info	
24163	no paleo info	
24164	no paleo info	
24165	no paleo info	
24166	no paleo info	
24167	no paleo info	
24168	no paleo info	
24169	no paleo info	
24170	Upper Eocene	
24171	not diagnostic	
24172	no paleo info	
24173	no paleo info	
24174	no paleo info	
24175	no paleo info	
24176	no paleo info	
24177	no paleo info	
24178	Middle Miocene	
24179	Middle Miocene	
24180	?Middle Miocene	
24181	barren	
24182	barren	
24183	Middle Miocene	
24184	Middle Miocene	
24185	Luisian	
24186	Luisian	
24187	barren	
24188	barren	
24189	barren	
24190	not diagnostic	
24191	Middle Miocene	
24192	Middle Miocene	
24193	Middle Miocene	
24194	no paleo info	
24195	no paleo info	
24196	no paleo info	
24197	no paleo info	
24198	no paleo info	
24199	no paleo info	
24200	no paleo info	
24201	no paleo info	
24202	no paleo info	
24203	no paleo info	
24204	no paleo info	
24205	no paleo info	
24206	no paleo info	
24207	no paleo info	
24208	no paleo info	
24209	no paleo info	
24210	no paleo info	
24211	no paleo info	
24212	no paleo info	
24213	no paleo info	
24214	no paleo info	
24215	no paleo info	
24216	no paleo info	
24217	no paleo info	
24218	no paleo info	
24219	no paleo info	
24220	no paleo info	
24221	no paleo info	
24222	no paleo info	
24223	no paleo info	
24224	no paleo info	
24225	no paleo info	
24226	no paleo info	

	I	M
1	ONE/SERIES/AGF	
24227	no paleo info	
24228	no paleo info	
24229	no paleo info	
24230	no paleo info	
24231	Luisian	
24232	Luisian	
24233	Luisian	
24234	no paleo info	
24235	Lower Mohnian	
24236	Mohnian	
24237	Mohnian	
24238	prob L. Mohnian	
24239	Mohnian	
24240	Mohnian	
24241	Lower Mohnian	
24242	Mohnian	
24243	not diagnostic	
24244	not diagnostic	
24245	?Lower Mohnian	
24246	Lower Mohnian	
24247	not diagnostic	
24248	Lower Mohnian	
24249	Lower Mohnian	
24250	no paleo info	
24251	Mohnian	
24252	no paleo info	
24253	no paleo info	
24254	Lower Mohnian	
24255	no paleo info	
24256	Mohnian	
24257	Mohnian	
24258	not diagnostic	
24259	Lower Mohnian	
24260	Mohnian	
24261	Mohnian	
24262	Lower Mohnian	
24263	Lower Mohnian	
24264	not diagnostic	
24265	Lower Mohnian	
24266	Lower Mohnian	
24267	Eocene	
24268	not diagnostic	
24269	Mohnian	
24270	Mohnian	
24271	Mohnian	
24272	Luisian	
24273	Relizian	
24274	Luisian	
24275	Eocene	
24276	Eocene	
24277	Eocene	
24278	Eocene	
24279	Eocene	
24280	Lower Mohnian	
24281	Eocene	
24282	Eocene	
24283	Eocene	
24284	Eocene	
24285	not diagnostic	
24286	Middle Miocene	
24287	Luisian	
24288	Relizian	
24289	Middle Miocene	
24290	Middle Miocene	
24291	Relizian	
24292	not diagnostic	
24293	poss Luisian	
24294	Middle Miocene	
24295	Middle Miocene	
24296	Lower Eocene	
24297	Middle Miocene	
24298	Middle Miocene	
24299	Relizian	
24300	Middle Miocene	
24301	Middle Miocene	
24302	prob Luisian	
24303	Middle Miocene	
24304	Middle Miocene	
24305	not diagnostic	
24306	Luisian	
24307	Relizian	
24308	Eocene	
24309	Middle Miocene	
24310	Miocene	
24311	Mohnian	

	I	M
1	ONE/SERIES/AGF	
24312	Mohnian	
24313	Miocene	
24314	Mohnian	
24315	Miocene	
24316	Relizian	
24317	Relizian	
24318	Relizian	
24319	Relizian	
24320	Luisian/Relizian	
24321	Luisian	
24322	Luisian	
24323	Luisian	
24324	Luisian	
24325	Mohnian	
24326	Lower Mohnian	
24327	Mohnian	
24328	Lower Mohnian	
24329	Mohnian	
24330	Luisian	
24331	Luisian	
24332	Luisian	
24333	Luisian	
24334	Mohnian	
24335	Mohnian	
24336	Mohnian	
24337	Mohnian	
24338	Mohnian	
24339	Cret/Paleocene	
24340	Mohnian	
24341	Eocene	
24342	Mohnian	
24343	no paleo info	
24344	no paleo info	
24345	no paleo info	
24346	no paleo info	
24347	no paleo info	
24348	no paleo info	
24349	no paleo info	
24350	no paleo info	
24351	no paleo info	
24352	no paleo info	
24353	no paleo info	
24354	no paleo info	
24355	Lower Mohnian	
24356	no paleo info	
24357	Upper Mohnian	
24358	Mohnian	
24359	U Cret F-1/G-1	
24360	Upper Mohnian	
24361	Upper Mohnian	
24362	Upper Mohnian	
24363	Mohnian	
24364	Upper Mohnian	
24365	prob Zemorrian	
24366	Saucesian/Relizian	
24367	Lower Miocene	
24368	Middle Miocene	
24369	Luisian	
24370	not diagnostic	
24371	Zemorrian	
24372	Zemorrian	
24373	Zemorrian	
24374	not diagnostic	
24375	Zemorrian	
24376	not diagnostic	
24377	not diagnostic	
24378	not diagnostic	
24379	Lower Mohnian	
24380	Lower Mohnian	
24381	U Eocene A zone	
24382	Lower Miocene	
24383	Saucesian	
24384	Lower Miocene	
24385	not diagnostic	
24386	Lower Zemorrian	
24387	prob Zemorrian	
24388	Zemorrian	
24389	not diagnostic	
24390	not diagnostic	
24391	not diagnostic	
24392	prob L Zemorrian	
24393	barren	
24394	not diagnostic	
24395	not diagnostic	
24396	not diagnostic	

	I	M
1	ONE/SERIES/AGT	
24397	not diagnostic	
24398	Eocene A-1 zone	
24399	Lower Miocene	
24400	not diagnostic	
24401	barren	
24402	Lower Zemorrian	
24403	U Eocene A zone	
24404	not diagnostic	
24405	Eocene A zone	
24406	Relizian	
24407	Zemorrian	
24408	Lower Miocene	
24409	Lower Zemorrian	
24410	poss M Miocene	
24411	Lower Zemorrian	
24412	not diagnostic	
24413	Zemorrian	
24414	U Eocene A zone	
24415	U Eocene A zone	
24416	poss U Eocene	
24417	poss L Miocene	
24418	Lower Miocene	
24419	Upper Zemorrian	
24420	Lower Miocene	
24421	Lower Miocene	
24422	prob Eocene	
24423	not diagnostic	
24424	prob L Miocene	
24425	prob Zemorrian	
24426	not diagnostic	
24427	prob Zemorrian	
24428	Upper? Zemorrian	
24429	?Pliocene	
24430	Lower Miocene	
24431	poss L Miocene	
24432	Lower Miocene	
24433	not diagnostic	
24434	not diagnostic	
24435	U Eocene A zone	
24436	not diagnostic	
24437	poss U Eocene	
24438	Lower Miocene	
24439	Lower Miocene	
24440	Lower Miocene	
24441	Zemorrian	
24442	Lower Miocene	
24443	Lower Relizian	
24444	not diagnostic	
24445	Upper Mohnian	
24446	Upper Mohnian	
24447	Upper Mohnian	
24448	U Eocene A zone	
24449	Lower Mohnian	
24450	Upper Mohnian	
24451	Upper Mohnian	
24452	Lower Miocene	
24453	Middle Mohnian	
24454	not diagnostic	
24455	Lower Mohnian	
24456	Lower Zemorrian	
24457	prob L Zemorrian	
24458	Upper? Zemorrian	
24459	prob U Mohnian	
24460	prob U Mohnian	
24461	Upper Mohnian	
24462	prob U Mohnian	
24463	Upper Mohnian	
24464	Upper Mohnian	
24465	Upper Mohnian	
24466	Upper Mohnian	
24467	Upper Mohnian	
24468	Upper Mohnian	
24469	Upper Mohnian	
24470	Upper Mohnian	
24471	Lower Miocene	
24472	Upper Mohnian	
24473	Upper Mohnian	
24474	Pliocene?	
24475	Pliocene?	
24476	Pliocene?	
24477	Upper Mohnian	
24478	Pliocene?	
24479	Lower Mohnian	
24480	Upper Miocene	
24481	Upper Mohnian	

	I	M
1	ONE/SERIES/AG	
24482	Mohnian	
24483	Upper Mohnian	
24484	Upper Mohnian	
24485	M Miocene	
24486	Relizian	
24487	Relizian	
24488	Relizian	
24489	prob L Mohnian	
24490	M Miocene	
24491	Relizian	
24492	not diagnostic	
24493	Upper Mohnian	
24494	Upper Mohnian	
24495	Upper Mohnian	
24496	no paleo info	
24497	no paleo info	
24498	Middle Mohnian	
24499	Upper Mohnian	
24500	Middle Mohnian	
24501	Luisian/Relizian	
24502	Luisian	
24503	Luisian	
24504	Luisian	
24505	Luisian	
24506	Upper Mohnian	
24507	Upper Mohnian	
24508	Upper Mohnian	
24509	Middle Mohnian	
24510	Middle Mohnian	
24511	Middle Mohnian	
24512	Middle Mohnian	
24513	Pliocene?	
24514	Mohnian	
24515	Pliocene?	
24516	Pliocene?	
24517	Mohnian	
24518	Mohnian	
24519	Middle Mohnian	
24520	Middle Mohnian	
24521	Middle Mohnian	
24522	Middle Mohnian	
24523	Miocene	
24524	barren of forams	
24525	Upper Miocene	
24526	prob U Miocene	
24527	prob U Miocene	
24528	prob U Miocene	
24529	prob U Miocene	
24530	prob U Miocene	
24531	prob U Miocene	
24532	Luisian	
24533	prob U Miocene	
24534	Luisian	
24535	Luisian	
24536	prob U Miocene	
24537	prob U Miocene	
24538	prob U Miocene	
24539	Upper Miocene	
24540	not diagnostic	
24541	Upper Eocene	
24542	Upper Eocene	
24543	Upper Eocene	
24544	Upper Eocene	
24545	not diagnostic	
24546	Upper Zemorrian	
24547	not diagnostic	
24548	prob L Miocene	
24549	prob Eocene	
24550	prob Eocene A zof	
24551	Mohnian	
24552	Mohnian	
24553	Mohnian	
24554	not diagnostic	
24555	Middle Mohnian	
24556	Middle Mohnian	
24557	Mohnian	
24558	Middle Mohnian	
24559	Mohnian	
24560	Upper Mohnian	
24561	Mohnian	
24562	Mohnian	
24563	Upper Miocene	
24564	Paleocene/Eocene	
24565	Upper Eocene	
24566	Upper Eocene	

	I	M
1	ONE/SERIES/AGT	
24567	Upper Eocene	
24568	not diagnostic	
24569	Mohnian	
24570	Luisian	
24571	not diagnostic	
24572	Middle Mohnian	
24573	Middle Mohnian	
24574	Mohnian	
24575	Mohnian	
24576	? Luisian	
24577	L Mohnian?	
24578	L Mohnian	
24579	Luisian/Mohnian	
24580	Saucesian	
24581	L Mohnian	
24582	L Mohnian	
24583	L Mohnian	
24584	? Luisian	
24585	not diagnostic	
24586	poss Upper Eocen	
24587	Lower Eocene	
24588	Lower Eocene	
24589	poss Upper Eocen	
24590	Lower Eocene	
24591	poss upper Eocen	
24592	poss upper Eocen	
24593	poss upper Eocen	
24594	Lower Eocene	
24595	Lower Eocene	
24596	Luisian	
24597	Middle Miocene	
24598	Luisian	
24599	Luisian	
24600	Luisian	
24601	Luisian	
24602	Luisian	
24603	Luisian	
24604	not diagnostic	
24605	no paleo info	
24606	Luisian	
24607	Luisian	
24608	Luisian/ Mohnian	
24609	not diagnostic	
24610	no paleo info	
24611	no paleo info	
24612	Lower Mohnian	
24613	not diagnostic	
24614	prob Eocene	
24615	not diagnostic	
24616	Luisian	
24617	Luisian/Mohnian	
24618	Middle Miocene	
24619	Mohnian	
24620	Luisian	
24621	poss L Miocene	
24622	U Eocene	
24623	U Eocene	
24624	U Eocene A-1 zon	
24625	U Eocene A-2 zon	
24626	U Eocene A zone	
24627	Upper Miocene	
24628	Upper Miocene	
24629	Upper Miocene	
24630	Upper Miocene	
24631	prob Luisian	
24632	Upper Miocene	
24633	Upper Miocene	
24634	Upper Miocene	
24635	not diagnostic	
24636	Luisian	
24637	Upper Miocene	
24638	Upper Miocene	
24639	Luisian	
24640	Eocene	
24641	Eocene	
24642	Eocene	
24643	Eocene	
24644	Eocene	
24645	Eocene	
24646	Eocene	
24647	Eocene	
24648	Eocene	
24649	Eocene	
24650	Eocene	
24651	Eocene	

	I	M
1	ONE/SERIES/AG	
24652	Middle Eocene	
24653	Eocene	
24654	Eocene	
24655	Eocene	
24656	Eocene	
24657	no paleo info	
24658	no paleo info	
24659	no paleo info	
24660	Lower Miocene	
24661	Lower Miocene	
24662	not diagnostic	
24663	prob Zemorrian	
24664	poss Luisian	
24665	not diagnostic	
24666	not diagnostic	
24667	not diagnostic	
24668	poss Eocene	
24669	not diagnostic	
24670	Miocene	
24671	Lower Miocene	
24672	no paleo info	
24673	Mohnian	
24674	no paleo info	
24675	Upper Miocene?	
24676	Upper Miocene?	
24677	Upper Miocene?	
24678	not diagnostic	
24679	Upper Miocene?	
24680	not diagnostic	
24681	not diagnostic	
24682	not diagnostic	
24683	not diagnostic	
24684	Lower Miocene	
24685	poss L Miocene	
24686	poss U Eocene	
24687	Luisian	
24688	Luisian	
24689	Saucesian	
24690	no paleo info	
24691	Lower Mohnian	
24692	not diagnostic	
24693	no paleo info	
24694	no paleo info	
24695	no paleo info	
24696	Relizian	
24697	Relizian	
24698	Relizian	
24699	Middle Mohnian	
24700	no paleo info	
24701	no paleo info	
24702	Mohnian	
24703	Mohnian	
24704	Mohnian	
24705	Luisian	
24706	Luisian	
24707	Paleocene	
24708	Paleocene	
24709	Lower Eocene	
24710	Lower Eocene	
24711	Lower Eocene	
24712	Lower Eocene	
24713	Lower Eocene	
24714	Lower Eocene	
24715	Lower Eocene	
24716	Lower Eocene	
24717	Lower Eocene	
24718	Lower Eocene	
24719	Lower Eocene	
24720	Lower Eocene	
24721	Lower Eocene	
24722	Cret/Paleocene	
24723	Cret/Paleocene	
24724	Cret/Paleocene	
24725	Upper Cretaceous	
24726	Upper Cretaceous	
24727	Upper Cretaceous	
24728	Upper Cretaceous	
24729	no paleo info	
24730	no paleo info	
24731	no paleo info	
24732	no paleo info	
24733	Lower Eocene	
24734	Lower Eocene	
24735	Lower Eocene	
24736	Lower Eocene	

	I	M
1	ONE/SERIES/AG	
24737	Lower Eocene	
24738	Lower Eocene	
24739	Lower Eocene	
24740	Middle Eocene	
24741	Middle Eocene	
24742	Upper Cretaceous	
24743	Upper Cretaceous	
24744	Upper Cretaceous	
24745	Upper Cretaceous	
24746	Upper Cretaceous	
24747	Upper Cretaceous	
24748	Upper Cretaceous	
24749	Upper Cretaceous	
24750	Upper Cretaceous	
24751	Upper Cretaceous	
24752	Upper Cretaceous	
24753	Upper Cretaceous	
24754	Upper Cretaceous	
24755	Upper Cretaceous	
24756	Upper Cretaceous	
24757	Upper Cretaceous	
24758	Upper Cretaceous	
24759	Upper Cretaceous	
24760	Upper Cretaceous	
24761	Upper Cretaceous	
24762	Upper Cretaceous	
24763	Upper Cretaceous	
24764	Upper Cretaceous	
24765	Upper Cretaceous	
24766	no paleo info	
24767	no paleo info	
24768	Eocene	
24769	no paleo info	
24770	no paleo info	
24771	no paleo info	
24772	no paleo info	
24773	no paleo info	
24774	no paleo info	
24775	no paleo info	
24776	no paleo info	
24777	no paleo info	
24778	no paleo info	
24779	no paleo info	
24780	Miocene?	
24781	Miocene	
24782	Miocene	
24783	Miocene	
24784	Miocene	
24785	Miocene	
24786	Miocene	
24787	Miocene	
24788	Miocene	
24789	Miocene	
24790	Miocene	
24791	Miocene	
24792	Miocene	
24793	Eocene or Miocene	
24794	Eocene or Miocene	
24795	Miocene	
24796	Miocene	
24797	Miocene	
24798	Eocene or Miocene	
24799	Eocene or Miocene	
24800	Eocene or Miocene	
24801	Miocene	
24802	Cretaceous?	
24803	Eocene or Cret	
24804	Eocene?	
24805	Eocene?	
24806	Eocene or Cret	
24807	Cretaceous?	
24808	Cretaceous?	
24809	Middle Eocene	
24810	Middle Eocene	
24811	Middle Eocene	
24812	no paleo info	
24813	no paleo info	
24814	no paleo info	
24815	not diagnostic	
24816	not diagnostic	
24817	not diagnostic	
24818	Cret/Paleocene?	
24819	Cret/Paleocene?	
24820	Cret/Paleocene?	
24821	Cret/Paleocene?	

	I	M
1	ONE/SERIES/AGT	
24822	not diagnostic	
24823	not diagnostic	
24824	not diagnostic	
24825	not diagnostic	
24826	not diagnostic	
24827	not diagnostic	
24828	not diagnostic	
24829	not diagnostic	
24830	not diagnostic	
24831	not diagnostic	
24832	not diagnostic	
24833	not diagnostic	
24834	not diagnostic	
24835	not diagnostic	
24836	not diagnostic	
24837	not diagnostic	
24838	not diagnostic	
24839	not diagnostic	
24840	not diagnostic	
24841	not diagnostic	
24842	Cretaceous?	
24843	Mohnian	
24844	no paleo info	
24845	no paleo info	
24846	Delmontian	
24847	Upper Miocene	
24848	no paleo info	
24849	no paleo info	
24850	no paleo info	
24851	no paleo info	
24852	not diagnostic	
24853	Eocene	
24854	Eocene	
24855	no paleo info	
24856	no paleo info	
24857	no paleo info	
24858	no paleo info	
24859	no paleo info	
24860	no paleo info	
24861	no paleo info	
24862	no paleo info	
24863	no paleo info	
24864	no paleo info	
24865	no paleo info	
24866	no paleo info	
24867	no paleo info	
24868	no paleo info	
24869	no paleo info	
24870	no paleo info	
24871	no paleo info	
24872	no paleo info	
24873	no paleo info	
24874	no paleo info	
24875	no paleo info	
24876	not diagnostic	
24877	Upper Cretaceous	
24878	not diagnostic	
24879	not diagnostic	
24880	not diagnostic	
24881	not diagnostic	
24882	not diagnostic	
24883	not diagnostic	
24884	not diagnostic	
24885	not diagnostic	
24886	not diagnostic	
24887	not diagnostic	
24888	Upper Paleocene	
24889	not diagnostic	
24890	poss Paleocene E	
24891	not diagnostic	
24892	not diagnostic	
24893	not diagnostic	
24894	not diagnostic	
24895	no paleo info	
24896	no paleo info	
24897	no paleo info	
24898	no paleo info	
24899	no paleo info	
24900	no paleo info	
24901	no paleo info	
24902	no paleo info	
24903	no paleo info	
24904	no paleo info	
24905	no paleo info	
24906	no paleo info	

	I	M
1	ONE/SERIES/AGI	
24907	no paleo info	
24908	no paleo info	
24909	no paleo info	
24910	no paleo info	
24911	no paleo info	
24912	no paleo info	
24913	no paleo info	
24914	no paleo info	
24915	no paleo info	
24916	no paleo info	
24917	no paleo info	
24918	no paleo info	
24919	no paleo info	
24920	no paleo info	
24921	no paleo info	
24922	no paleo info	
24923	no paleo info	
24924	no paleo info	
24925	no paleo info	
24926	no paleo info	
24927	no paleo info	
24928	no paleo info	
24929	Pliocene?	
24930	Pliocene?	
24931	no paleo info	
24932	no paleo info	
24933	no paleo info	
24934	no paleo info	
24935	no paleo info	
24936	no paleo info	
24937	no paleo info	
24938	no paleo info	
24939	no paleo info	
24940	no paleo info	
24941	no paleo info	
24942	Lower Eocene?	
24943	no paleo info	
24944	no paleo info	
24945	no paleo info	
24946	no paleo info	
24947	no paleo info	
24948	no paleo info	
24949	no paleo info	
24950	no paleo info	
24951	no paleo info	
24952	no paleo info	
24953	Lower Saucelian	
24954	not diagnostic	
24955	U Cret E zone	
24956	Pliocene	
24957	Miocene	
24958	Pliocene	
24959	no paleo info	
24960	no paleo info	
24961	no paleo info	
24962	no paleo info	
24963	no paleo info	
24964	no paleo info	
24965	no paleo info	
24966	no paleo info	
24967	no paleo info	
24968	no paleo info	
24969	no paleo info	
24970	no paleo info	
24971	Miocene	
24972	Miocene	
24973	Miocene	
24974	Miocene	
24975	Miocene	
24976	Miocene	
24977	Miocene	
24978	Miocene	
24979	no paleo info	
24980	no paleo info	
24981	no paleo info	
24982	Upper Mohnian	
24983	Upper Mohnian	
24984	Upper Mohnian	
24985	Middle Mohnian	
24986	Middle Mohnian	
24987	Middle Mohnian	
24988	Middle Mohnian	
24989	Middle Mohnian	
24990	Middle Mohnian	
24991	Middle Mohnian	

	I	M
1	ONE/SERIES/AGF	
24992	Middle Mohnian	
24993	Middle Mohnian	
24994	Middle Mohnian	
24995	Middle Mohnian	
24996	Middle Mohnian	
24997	L Mohnian	
24998	L Mohnian	
24999	no paleo info	
25000	no paleo info	
25001	no paleo info	
25002	no paleo info	
25003	Miocene	
25004	no paleo info	
25005	Upper Mohnian	
25006	Upper Mohnian	
25007	Upper Mohnian	
25008	Upper Mohnian	
25009	Upper Mohnian	
25010	Upper Mohnian	
25011	Upper Mohnian	
25012	Upper Mohnian	
25013	Upper Mohnian	
25014	Upper Mohnian	
25015	Upper Mohnian	
25016	Upper Mohnian	
25017	Upper Mohnian	
25018	Upper Mohnian	
25019	Eocene?	
25020	Eocene?	
25021	Eocene?	
25022	Eocene?	
25023	Eocene?	
25024	Eocene?	
25025	Eocene?	
25026	M. Miocene	
25027	L. Saucian	
25028	no paleo info	
25029	no paleo info	
25030	no paleo info	
25031	Upper Saucian	
25032	Upper Saucian	
25033	Upper Saucian	
25034	Upper Saucian	
25035	Upper Saucian	
25036	Upper Saucian	
25037	Upper Saucian	
25038	Upper Saucian	
25039	Upper Saucian	
25040	Upper Saucian	
25041	Upper Saucian	
25042	Lower Relizian	
25043	Lower Relizian	
25044	Lower Relizian	
25045	Lower Relizian	
25046	Upper Relizian	
25047	no paleo info	
25048	Luisian	
25049	Luisian	
25050	Luisian	
25051	Luisian	
25052	no paleo info	
25053	no paleo info	
25054	no paleo info	
25055	no paleo info	
25056	no paleo info	
25057	Miocene	
25058	Miocene	
25059	Miocene	
25060	Miocene	
25061	Miocene	
25062	Miocene	
25063	Miocene	
25064	Miocene	
25065	Miocene	
25066	Miocene	
25067	Miocene	
25068	Miocene	
25069	Miocene	
25070	Miocene	
25071	Miocene	
25072	Miocene	
25073	Miocene	
25074	Miocene	
25075	Miocene	
25076	Miocene	

	I	M
1	ZONE/SERIES/AGT	
25077	Miocene	
25078	no paleo info	
25079	Mohnian or older	
25080	Miocene	
25081	Miocene	
25082	Miocene	
25083	Miocene	
25084	no paleo info	
25085	Miocene	
25086	Miocene	
25087	Miocene	
25088	Miocene	
25089	Miocene	
25090	no paleo info	
25091	no paleo info	
25092	no paleo info	
25093	no paleo info	
25094	no paleo info	
25095	no paleo info	
25096	no paleo info	
25097	no paleo info	
25098	no paleo info	
25099	no paleo info	
25100	no paleo info	
25101	no paleo info	
25102	no paleo info	
25103	no paleo info	
25104	no paleo info	
25105	no paleo info	
25106	no paleo info	
25107	no paleo info	
25108	no paleo info	
25109	no paleo info	
25110	L Cret J zone	
25111	L Cret J zone	
25112	L Cret J zone	
25113	L Cret J zone	
25114	L Cret J zone	
25115	not diagnostic	
25116	not diagnostic	
25117	not diagnostic	
25118	U Cret F/G zone	
25119	U Cret F/G zone	
25120	Upper Cretaceous	
25121	Eocene C zone	
25122	Eocene	
25123	U Cret E zone	
25124	Eocene	
25125	Eocene	
25126	Eocene	
25127	Eocene	
25128	U Cret C zone	
25129	U Cret C zone	
25130	Luisian	
25131	U Cret G-1 zone	
25132	Upper Miocene	
25133	prob U Mohnian	
25134	not diagnostic	
25135	not diagnostic	
25136	no paleo info	
25137	no paleo info	
25138	no paleo info	
25139	no paleo info	
25140	no paleo info	
25141	no paleo info	
25142	no paleo info	
25143	no paleo info	
25144	Relizian	
25145	barren	
25146	Luisian	
25147	no paleo info	
25148	no paleo info	
25149	no paleo info	
25150	no paleo info	
25151	no paleo info	
25152	Lower Miocene	
25153	no paleo info	
25154	no paleo info	
25155	Middle Miocene	
25156	no paleo info	
25157	no paleo info	
25158	prob Relizian	
25159	barren	
25160	no paleo info	
25161	no paleo info	

	I	M
1	ONE/SERIES/AGT	
25162	no paleo info	
25163	no paleo info	
25164	no paleo info	
25165	no paleo info	
25166	no paleo info	
25167	Lower Miocene	
25168	Lower Miocene	
25169	no paleo info	
25170	no paleo info	
25171	no paleo info	
25172	Relizian	
25173	poss L. Miocene	
25174	no paleo info	
25175	no paleo info	
25176	Relizian	
25177	not diagnostic	
25178	no paleo info	
25179	no paleo info	
25180	no paleo info	
25181	no paleo info	
25182	no paleo info	
25183	no paleo info	
25184	no paleo info	
25185	no paleo info	
25186	no paleo info	
25187	not diagnostic	
25188	no paleo info	
25189	no paleo info	
25190	no paleo info	
25191	no paleo info	
25192	no paleo info	
25193	not diagnostic	
25194	Luisian	
25195	Luisian	
25196	no paleo info	
25197	no paleo info	
25198	no paleo info	
25199	no paleo info	
25200	no paleo info	
25201	no paleo info	
25202	no paleo info	
25203	no paleo info	
25204	no paleo info	
25205	no paleo info	
25206	no paleo info	
25207	no paleo info	
25208	no paleo info	
25209	no paleo info	
25210	no paleo info	
25211	Relizian	
25212	Middle Miocene	
25213	no paleo info	
25214	no paleo info	
25215	barren	
25216	Relizian	
25217	no paleo info	
25218	no paleo info	
25219	no paleo info	
25220	no paleo info	
25221	no paleo info	
25222	no paleo info	
25223	no paleo info	
25224	no paleo info	
25225	prob Luisian	
25226	Saucesian/Relizian	
25227	no paleo info	
25228	no paleo info	
25229	Miocene	
25230	not diagnostic	
25231	Relizian	
25232	prob Saucesian	
25233	Saucesian/Relizian	
25234	barren	
25235	not diagnostic	
25236	no paleo info	
25237	no paleo info	
25238	no paleo info	
25239	no paleo info	
25240	no paleo info	
25241	no paleo info	
25242	not diagnostic	
25243	no paleo info	
25244	Saucesian	
25245	no paleo info	
25246	no paleo info	

	I	M
1	ONE/SERIES/AGT	
25247	Relizian	
25248	not diagnostic	
25249	no paleo info	
25250	prob Luisian	
25251	prob Saucesian	
25252	no paleo info	
25253	no paleo info	
25254	Saucesian	
25255	no paleo info	
25256	no paleo info	
25257	no paleo info	
25258	no paleo info	
25259	Miocene	
25260	no paleo info	
25261	no paleo info	
25262	no paleo info	
25263	no paleo info	
25264	Lower Miocene	
25265	Middle Miocene	
25266	no paleo info	
25267	no paleo info	
25268	U Eocene A zone	
25269	U Eocene A zone	
25270	Lower Zemorrian	
25271	Lower Zemorrian	
25272	no paleo info	
25273	no paleo info	
25274	no paleo info	
25275	no paleo info	
25276	no paleo info	
25277	no paleo info	
25278	no paleo info	
25279	no paleo info	
25280	no paleo info	
25281	no paleo info	
25282	no paleo info	
25283	no paleo info	
25284	no paleo info	
25285	no paleo info	
25286	no paleo info	
25287	no paleo info	
25288	prob Paleocene	
25289	prob Paleocene	
25290	prob Paleocene	
25291	no paleo info	
25292	prob Paleocene	
25293	prob Paleocene	
25294	prob Paleocene	
25295	no paleo info	
25296	no paleo info	
25297	no paleo info	
25298	no paleo info	
25299	no paleo info	
25300	Eocene A zone	
25301	no paleo info	
25302	Eocene A zone	
25303	U Cret F-1 zone	
25304	no paleo info	
25305	Eocene A zone	
25306	Eocene A zone	
25307	no paleo info	
25308	no paleo info	
25309	no paleo info	
25310	no paleo info	
25311	not diagnostic	
25312	Poss L Miocene	
25313	no paleo info	
25314	no paleo info	
25315	no paleo info	
25316	no paleo info	
25317	barren	
25318	no paleo info	
25319	no paleo info	
25320	no paleo info	
25321	no paleo info	
25322	no paleo info	
25323	no paleo info	
25324	no paleo info	
25325	no paleo info	
25326	prob Relizian	
25327	no paleo info	
25328	no paleo info	
25329	Relizian	
25330	Eocene A zone	
25331	no paleo info	

	I	M
1	ONE/SERIES/AGT	
25332	no paleo info	
25333	no paleo info	
25334	no paleo info	
25335	no paleo info	
25336	no paleo info	
25337	no paleo info	
25338	Eocene A zone	
25339	no paleo info	
25340	barren	
25341	Eocene A zone	
25342	no paleo info	
25343	no paleo info	
25344	no paleo info	
25345	Paleocene E zone	
25346	Paleocene E zone	
25347	? Paleocene	
25348	U Cret?	
25349	Paleocene E zone	
25350	?Paleocene E zon	
25351	Paleocene D zone	
25352	barren	
25353	Eocene B zone	
25354	barren	
25355	L Cret J-2 zone	
25356	L Cret J-2 zone	
25357	L Cret J-2 zone	
25358	L Cret J-2 zone	
25359	L Cret J-2 zone	
25360	L Cret J-2 zone	
25361	L Cret J-2 zone	
25362	L Cret J-2 zone	
25363	L Cret J-2 zone	
25364	L Cret J-2 zone	
25365	L Cret J-2 zone	
25366	L Cret J-2 zone	
25367	L Cret J-2 zone	
25368	L Cret J-2 zone	
25369	L Cret J-2 zone	
25370	L Cret J-2 zone	
25371	L Cret J-2 zone	
25372	L Cret J-2 zone	
25373	L Cret J-2 zone	
25374	L Cret J-2 zone	
25375	L Cret J-2 zone	
25376	U Cret H zone	
25377	U Cret H zone	
25378	U Cret H zone	
25379	U Cret H zone	
25380	U Cret H zone	
25381	U Cret H zone	
25382	U Cret H zone	
25383	U Cret H zone	
25384	U Cret H zone	
25385	U Cret H zone	
25386	U Cret H zone	
25387	U Cret H zone	
25388	U Cret H zone	
25389	U Cret H zone	
25390	U Cret H zone	
25391	U Cret H zone	
25392	U Cret H zone	
25393	U Cret H zone	
25394	U Cret H zone	
25395	U Cret H zone	
25396	U Cret H zone	
25397	U Cret H zone	
25398	U Cret H zone	
25399	not diagnostic	
25400	no paleo info	
25401	barren	
25402	not diagnostic	
25403	U Cret G-1 zone	
25404	U Cret G-1 zone	
25405	U Cret G-1 zone	
25406	U Cret G-1 zone	
25407	U Cret G-1 zone	
25408	Upper Cretaceous	
25409	not diagnostic	
25410	not diagnostic	
25411	not diagnostic	
25412	U Cret G-1 zone	
25413	not diagnostic	
25414	U Cret G-1 zone	
25415	U Cret G-1 zone	
25416	Upper Cretaceous	

	I	M
1	ONE/SERIES/AGT	
25417	Upper Cretaceous	
25418	U Cret G-1 zone	
25419	Upper Cretaceous	
25420	U Cret G-1 zone	
25421	U Cret G-1 zone	
25422	U Cret G-1 zone	
25423	U Cret G-1 zone	
25424	U Cret G-1 zone	
25425	not diagnostic	
25426	not diagnostic	
25427	not diagnostic	
25428	U Cret G-1 zone	
25429	U Cret G-1 zone	
25430	U Cret G-1 zone	
25431	U Cret G-1 zone	
25432	U Cret G-1 zone	
25433	not diagnostic	
25434	U Cret G-1 zone	
25435	L Cret K zone	
25436	Lower Cretaceous	
25437	U Cret H zone	
25438	not diagnostic	
25439	no paleo info	
25440	L Cret K /L zone	
25441	L Cret K/L zone	
25442	L Cret K/L zone	
25443	Upper Cretaceous	
25444	Upper Cretaceous	
25445	Upper Cretaceous	
25446	U Cret F-1 zone	
25447	no paleo info	
25448	U Cret G-1 zone	
25449	U Cret F-1 zone	
25450	U Cret F-1 zone	
25451	U Cret F-1 zone	
25452	U Cret F-1 zone	
25453	U Cret F-1 zone	
25454	U Cret F-1 zone	
25455	U Cret F-2 zone	
25456	U Cret F-2 zone	
25457	U Cret F-2 zone	
25458	U Cret F-2 zone	
25459	U Cret F-2 zone	
25460	U Cret F-1 zone	
25461	U Cret F-1 zone	
25462	U Cret F-1 zone	
25463	U Cret F-1 zone	
25464	U Cret F-1 zone	
25465	U Cret F-1 zone	
25466	U Cret F-1 zone	
25467	U Cret F-1 zone	
25468	U Cret F-1 zone	
25469	U Cret F-1 zone	
25470	U Cret F-1 zone	
25471	U Cret F-1 zone	
25472	U Cret F-1 zone	
25473	U Cret F-1 zone	
25474	U Cret F-1 zone	
25475	U Cret F-1 zone	
25476	U Cret F-1 zone	
25477	U Cret F-1 zone	
25478	U Cret F-1 zone	
25479	U Cret F-1 zone	
25480	U Cret F-1 zone	
25481	U Cret F-1 zone	
25482	U Cret F-1 zone	
25483	U Cret F-1 zone	
25484	U Cret F-1 zone	
25485	U Cret F-1 zone	
25486	U Cret F-2 zone	
25487	U Cret G-1 zone	
25488	U Cret F-1 zone	
25489	U Cret F-1 zone	
25490	U Cret F-1 zone	
25491	U Cret F-1 zone	
25492	U Cret F-1 zone	
25493	U Cret F-1 zone	
25494	U Cret F-1 zone	
25495	U Cret F-1 zone	
25496	U Cret F-1 zone	
25497	U Cret F-1 zone	
25498	U Cret F-1 zone	
25499	U Cret F-1 zone	
25500	U Cret F-1 zone	
25501	U Cret F-1 zone	

	I	M
1	ONE/SERIES/AG	
25502	U Cret F-1 zone	
25503	U Cret F-1 zone	
25504	U Cret F-1 zone	
25505	U Cret F-1 zone	
25506	U Cret F-2 zone	
25507	U Cret F-2 zone	
25508	U Cret F-2 zone	
25509	U Cret F-2 zone	
25510	U Cret F-2 zone	
25511	U Cret F-2 zone	
25512	U Cret F-2 zone	
25513	U Cret F-2 zone	
25514	U Cret F-2 zone	
25515	U Cret F-2 zone	
25516	U Cret F-2 zone	
25517	U Cret F-2 zone	
25518	U Cret F-2/G-1	
25519	U Cret F-2/G-1	
25520	U Cret F-2/G-1	
25521	U Cret G-1 zone	
25522	U Cret G-1 zone	
25523	U Cret G-1 zone	
25524	U Cret G-1 zone	
25525	U Cret G-1 zone	
25526	U Cret G-1 zone	
25527	U Cret G-1 zone	
25528	U Cret G-1 zone	
25529	U Cret G-1 zone	
25530	U Cret G-1 zone	
25531	not diagnostic	
25532	not diagnostic	
25533	not diagnostic	
25534	U Cret F zone	
25535	U Cret F zone	
25536	U Cret F zone	
25537	U Cret F zone	
25538	U Cret F zone	
25539	U Cret F zone	
25540	U Cret F zone	
25541	U Cret F zone	
25542	U Cret F zone	
25543	U Cret F zone	
25544	U Cret F zone	
25545	U Cret F zone	
25546	U Cret F zone	
25547	U Cret F zone	
25548	U Cret F zone	
25549	U Cret F zone	
25550	U Cret F zone	
25551	U Cret F zone	
25552	U Cret F zone	
25553	not diagnostic	
25554	not diagnostic	
25555	not diagnostic	
25556	not diagnostic	
25557	not diagnostic	
25558	not diagnostic	
25559	not diagnostic	
25560	not diagnostic	
25561	not diagnostic	
25562	not diagnostic	
25563	not diagnostic	
25564	not diagnostic	
25565	U Cret F-1 zone	
25566	U Cret F-1 zone	
25567	U Cret F-1 zone	
25568	U Cret F-1 zone	
25569	U Cret F-1 zone	
25570	U Cret F-1 zone	
25571	U Cret F-2 zone	
25572	U Cret F-2 zone	
25573	U Cret F-2 zone	
25574	U Cret F-2 zone	
25575	U Cret G-1 zone	
25576	U Cret G-1 zone	
25577	U Cret G-1 zone	
25578	U Cret G-1 zone	
25579	U Cret G-1 zone	
25580	U Cret G-1 zone	
25581	U Cret G-1 zone	
25582	U Cret G-1 zone	
25583	Upper Cretaceous	
25584	Upper Cretaceous	
25585	Upper Cretaceous	
25586	Upper Cretaceous	

	I	M
1	ONE/SERIES/AGF	
25587	Upper Cretaceous	
25588	Upper Cretaceous	
25589	Upper Cretaceous	
25590	Upper Cretaceous	
25591	Upper Cretaceous	
25592	Upper Cretaceous	
25593	Upper Cretaceous	
25594	Upper Cretaceous	
25595	Upper Cretaceous	
25596	Upper Cretaceous	
25597	Upper Cretaceous	
25598	Upper Cretaceous	
25599	Upper Cretaceous	
25600	Upper Cretaceous	
25601	Upper Cretaceous	
25602	Upper Cretaceous	
25603	Upper Cretaceous	
25604	U Cret G-1 zone	
25605	U Cret G-1 zone	
25606	U Cret G-1 zone	
25607	U Cret G-1 zone	
25608	U Cret G-1 zone	
25609	U Cret G-1 zone	
25610	U Cret G-1 zone	
25611	U Cret G-1 zone	
25612	U Cret G-1 zone	
25613	U Cret G-1 zone	
25614	U Cret G-1 zone	
25615	U Cret G-1 zone	
25616	not diagnostic	
25617	U Cret H zone	
25618	barren	
25619	barren	
25620	barren	
25621	barren	
25622	U Cret H zone	
25623	U Cret H zone	
25624	U Cret H zone	
25625	U Cret H zone	
25626	U Cret H zone	
25627	U Cret H zone	
25628	U Cret H zone	
25629	U Cret H zone	
25630	U Cret H zone	
25631	U Cret H zone	
25632	not diagnostic	
25633	not diagnostic	
25634	Luisian	
25635	Jurassic	
25636	U Cret F-1 zone	
25637	U Cret G-1 zone	
25638	U Cret G-1 zone	
25639	not diagnostic	
25640	U Cret F-1 zone	
25641	U Cret F-1 zone	
25642	U Cret F-1 zone	
25643	Upper Cretaceous	
25644	mixed K and Eoc	
25645	U Cret F/G zones	
25646	U Cret F/G zones	
25647	U Cret F/G zones	
25648	U Cret F/G zones	
25649	U Cret F/G zones	
25650	U Cret F/G zones	
25651	U Cret F/G zones	
25652	U Cret F/G zones	
25653	U Cret G-1 zone	
25654	U Cret G-1 zone	
25655	U Cret G-1 zone	
25656	U Cret G-1 zone	
25657	U Cret G-1 zone	
25658	U Cret G-1 zone	
25659	U Cret G-1 zone	
25660	Zemorrian	
25661	Zemorrian	
25662	Zemorrian	
25663	Zemorrian	
25664	Zemorrian	
25665	Zemorrian	
25666	Zemorrian	
25667	Zemorrian	
25668	Zemorrian	
25669	Zemorrian	
25670	Zemorrian	
25671	Zemorrian	

	I	M
1	ONE/SERIES/AGT	
25672	Zemorrian	
25673	Zemorrian	
25674	Zemorrian	
25675	Zemorrian	
25676	Zemorrian	
25677	Eocene	
25678	not diagnostic	
25679	Middle Miocene	
25680	Cret/Paleocene	
25681	prob U Cretaceous	
25682	Cret/Paleocene	
25683	Zemorrian	
25684	Lower Relizian	
25685	prob L Eocene	
25686	Lower Zemorrian	
25687	L or M Miocene	
25688	Eocene	
25689	Cret/Paleoc	
25690	Luisian	
25691	Cret/Paleocene	
25692	Middle Miocene	
25693	Nariz/Zemorrian	
25694	Refug/Zemorrian	
25695	Nariz/Zemorrian	
25696	prob Luisian	
25697	Cret/Paleocene	
25698	Luisian	
25699	Nariz/Zemorrian	
25700	Cret/Paleoc	
25701	Luisian	
25702	barren	
25703	Cret/Paleocene	
25704	Cret/Paleocene	
25705	L Eocene C zone	
25706	L Eocene C zone	
25707	Cret/Paleocene	
25708	Cret/Paleocene	
25709	Cret/Paleocene	
25710	Luisian	
25711	not diagnostic	
25712	Refug/Zemorrian	
25713	Paleocene D zone	
25714	Paleocene D zone	
25715	Cret/Paleocene	
25716	no paleo info	
25717	no paleo info	
25718	no paleo info	
25719	no paleo info	
25720	no paleo info	
25721	no paleo info	
25722	no paleo info	
25723	no paleo info	
25724	no paleo info	
25725	no paleo info	
25726	no paleo info	
25727	no paleo info	
25728	no paleo info	
25729	no paleo info	
25730	no paleo info	
25731	prob Luisian	
25732	Relizian	
25733	Luisian	
25734	Saucesian	
25735	prob Zemorrian	
25736	Luisian	
25737	prob M Miocene	
25738	Zemorrian	
25739	poss Luisian	
25740	Zemorrian	
25741	not diagnostic	
25742	Saucesian	
25743	Saucesian/Reliziar	
25744	Saucesian/Reliziar	
25745	Luisian	
25746	Relizian	
25747	not diagnostic	
25748	L Relizian	
25749	not diagnostic	
25750	Relizian	
25751	Relizian	
25752	Luisian	
25753	Narizian/Refugian	
25754	barren	
25755	no paleo info	
25756	prob Eocene	

	I	M
1	ONE/SERIES/AGF	
25757	no paleo info	
25758	no paleo info	
25759	Eocene	
25760	no paleo info	
25761	no paleo info	
25762	U Eocene A-2 zone	
25763	U Eocene A-2 zone	
25764	U Eocene A-2 zone	
25765	no paleo info	
25766	no paleo info	
25767	no paleo info	
25768	no paleo info	
25769	not diagnostic	
25770	not diagnostic	
25771	no paleo info	
25772	no paleo info	
25773	U Eocene A-1 zone	
25774	not diagnostic	
25775	Eocene	
25776	not diagnostic	
25777	Upper Miocene	
25778	Eocene	
25779	Eocene A-2 zone	
25780	Eocene A zone	
25781	U Cret E/F zones	
25782	Eocene A-1 zone	
25783	not diagnostic	
25784	Narizian/Refugian	
25785	Paleocene/Eocene	
25786	not diagnostic	
25787	not diagnostic	
25788	not diagnostic	
25789	Eocene A-2 zone	
25790	Eocene A-2 zone	
25791	not diagnostic	
25792	Zemorrian	
25793	no paleo info	
25794	no paleo info	
25795	Cretaceous	
25796	barren	
25797	Miocene	
25798	Saucesian	
25799	Luisian	
25800	Saucesian	
25801	not diagnostic	
25802	not diagnostic	
25803	not diagnostic	
25804	not diagnostic	
25805	Relizian	
25806	Lower Miocene	
25807	poss Saucesian	
25808	Eocene/Paleocene	
25809	Eocene/Paleocene	
25810	Eocene/Paleocene	
25811	Eocene A zone	
25812	Eocene A zone	
25813	Upper Mohnian	
25814	Lower Miocene	
25815	Upper Mohnian	
25816	Luisian	
25817	Relizian	
25818	Middle Miocene	
25819	not diagnostic	
25820	Upper Relizian	
25821	Lower Relizian	
25822	prob Relizian	
25823	Lower Miocene	
25824	Middle Miocene	
25825	Middle Miocene	
25826	Relizian	
25827	Relizian	
25828	Luisian	
25829	Saucesian	
25830	Saucesian	
25831	Relizian	
25832	Upper Mohnian	
25833	Relizian	
25834	Upper Miocene	
25835	Saucesian	
25836	U Cret pseudo G-1	
25837	not diagnostic	
25838	no paleo info	
25839	no paleo info	
25840	no paleo info	
25841	no paleo info	

	I	M
1	ONE/SERIES/AGT	
25842	no paleo info	
25843	no paleo info	
25844	no paleo info	
25845	no paleo info	
25846	no paleo info	
25847	no paleo info	
25848	Saucesian	
25849	Lower Miocene	
25850	not diagnostic	
25851	not diagnostic	
25852	Luisian	
25853	Middle Miocene	
25854	Luisian	
25855	Middle Miocene	
25856	not diagnostic	
25857	Miocene	
25858	no paleo info	
25859	Luisian	
25860	Luisian	
25861	poss Relizian	
25862	poss Relizian	
25863	Middle Miocene	
25864	Middle Miocene	
25865	Middle Miocene	
25866	Middle Miocene	
25867	Middle Miocene	
25868	Middle Miocene	
25869	Middle Miocene	
25870	Middle Miocene	
25871	Middle Miocene	
25872	Relizian	
25873	Relizian	
25874	Relizian	
25875	Relizian	
25876	poss Saucesian	
25877	Eocene	
25878	Upper Eocene	
25879	no paleo info	
25880	no paleo info	
25881	no paleo info	
25882	L Eocene	
25883	L Eocene	
25884	Eocene	
25885	Eocene	
25886	Eocene	
25887	Eocene	
25888	Eocene	
25889	Eocene	
25890	Eocene	
25891	Eocene	
25892	Eocene	
25893	Eocene	
25894	Eocene	
25895	Upper Cretaceous	
25896	Upper Cretaceous	
25897	Upper Cretaceous	
25898	Upper Cretaceous	
25899	Upper Cretaceous	
25900	Upper Cretaceous	
25901	Upper Cretaceous	
25902	Upper Cretaceous	
25903	Eocene	
25904	Eocene	
25905	Eocene	
25906	Eocene	
25907	Eocene	
25908	Eocene	
25909	Eocene	
25910	Eocene	
25911	Eocene	
25912	Eocene	
25913	Eocene	
25914	Eocene	
25915	Eocene	
25916	Eocene	
25917	Eocene	
25918	Eocene	
25919	Eocene	
25920	Eocene	
25921	Eocene	
25922	Eocene	
25923	Eocene	
25924	Eocene	
25925	Eocene	
25926	Eocene	

	I	M
1	ONE/SERIES/AGF	
25927	Eocene	
25928	Eocene	
25929	Eocene	
25930	Eocene	
25931	Eocene	
25932	Eocene	
25933	Eocene	
25934	Eocene	
25935	Upper Cretaceous	
25936	Upper Cretaceous	
25937	Upper Cretaceous	
25938	Upper Cretaceous	
25939	Upper Cretaceous	
25940	Upper Cretaceous	
25941	Upper Cretaceous	
25942	Upper Cretaceous	
25943	Upper Cretaceous	
25944	Upper Cretaceous	
25945	Upper Cretaceous	
25946	Upper Cretaceous	
25947	Upper Cretaceous	
25948	Upper Cretaceous	
25949	Upper Cretaceous	
25950	Upper Cretaceous	
25951	Upper Cretaceous	
25952	Upper Cretaceous	
25953	Upper Cretaceous	
25954	Upper Cretaceous	
25955	Upper Cretaceous	
25956	Upper Cretaceous	
25957	Upper Cretaceous	
25958	Upper Cretaceous	
25959	Upper Cretaceous	
25960	Upper Cretaceous	
25961	Upper Cretaceous	
25962	Upper Cretaceous	
25963	Upper Cretaceous	
25964	no paleo info	
25965	Upper Cretaceous	
25966	Upper Cretaceous	
25967	Upper Cretaceous	
25968	Upper Cretaceous	
25969	Upper Cretaceous	
25970	Upper Cretaceous	
25971	Upper Cretaceous	
25972	Upper Cretaceous	
25973	Cret/Paleocene	
25974	no paleo info	
25975	no paleo info	
25976	Upper Eocene?	
25977	Upper Eocene?	
25978	Upper Eocene?	
25979	Upper Eocene?	
25980	Lower Cretaceous	
25981	Lower Cretaceous	
25982	Lower Cretaceous	
25983	Lower Cretaceous	
25984	Lower Cretaceous	
25985	Tertiary	
25986	not diagnostic	
25987	no paleo info	
25988	Lower Cretaceous	
25989	Lower Cretaceous	
25990	Lower Cretaceous	
25991	not diagnostic	
25992	not diagnostic	
25993	poss U Cret F-2	
25994	U Cret F/G zones	
25995	U Cret G-1 zone	
25996	not diagnostic	
25997	not diagnostic	
25998	U Cret F/G zones	
25999	U Cret F-2 zone	
26000	prob U Cret F-2	
26001	U Cret F/G zones	
26002	U Cret F/G zones	
26003	U Cret F-2 zone	
26004	U Cret G-2 zone	
26005	U Cret G-2 zone	
26006	Relizian	
26007	Saucesian	
26008	Saucesian	
26009	Saucesian	
26010	Saucesian	
26011	Saucesian	

	I	M
1	ONE/SERIES/AGF	
26012	Saucesian	
26013	Saucesian	
26014	Saucesian	
26015	Saucesian	
26016	Saucesian	
26017	Saucesian	
26018	Saucesian	
26019	Saucesian	
26020	Saucesian	
26021	Zemorrian	
26022	Zemorrian	
26023	Zemorrian	
26024	Zemorrian	
26025	Zemorrian	
26026	Zemorrian	
26027	Zemorrian	
26028	Zemorrian	
26029	Zemorrian	
26030	Zemorrian	
26031	Zemorrian	
26032	Zemorrian	
26033	Zemorrian	
26034	Zemorrian	
26035	Zemorrian	
26036	Zemorrian	
26037	Zemorrian	
26038	Zemorrian	
26039	Zemorrian	
26040	Zemorrian	
26041	cores and of	
26042	ording to the strat	
26043	ndicates that these	
26044	plizian and S	
26045	ditto	
26046	ditto	
26047	ditto	
26048	ditto	
26049	ditto	
26050	ditto	
26051	ditto	
26052	ditto	
26053	ditto	
26054	ditto	
26055	ditto	
26056	ditto	
26057	ditto	
26058	ditto	
26059	ditto	
26060	ditto	
26061	ditto	
26062	ditto	
26063	ditto	
26064	ditto	
26065	ditto	
26066	ditto	
26067	ditto	
26068	ditto	
26069	ditto	
26070	ditto	
26071	ditto	
26072	ditto	
26073	ditto	
26074	ditto	
26075	ditto	
26076	ditto	
26077	ditto	
26078	ditto	
26079	ditto	
26080	ditto	
26081	ditto	
26082	ditto	
26083	ditto	
26084	ditto	
26085	ditto	
26086	ditto	
26087	ditto	
26088	ditto	
26089	ditto	
26090	ditto	
26091	ditto	
26092	ditto	
26093	ditto	
26094	ditto	
26095	ditto	
26096	ditto	

	I	M
1	ONE/SERIES/AGF	
26097	ditto	
26098	ditto	
26099	ditto	
26100	ditto	
26101	Eocene	
26102	Luisian	
26103	not diagnostic	
26104	not diagnostic	
26105	not diagnostic	
26106	not diagnostic	
26107	not diagnostic	
26108	not diagnostic	
26109	Saucesian	
26110	Saucesian	
26111	Saucesian	
26112	Saucesian	
26113	Saucesian	
26114	Saucesian	
26115	Saucesian	
26116	Saucesian	
26117	Saucesian	
26118	Saucesian	
26119	Saucesian	
26120	Saucesian	
26121	Saucesian	
26122	Zemorrian	
26123	Zemorrian	
26124	Zemorrian	
26125	Zemorrian	
26126	Zemorrian	
26127	Zemorrian	
26128	Zemorrian	
26129	Zemorrian	
26130	Zemorrian	
26131	Zemorrian	
26132	Zemorrian	
26133	no paleo info	
26134	no paleo info	
26135	Lower Mohnian	
26136	Lower Mohnian	
26137	no paleo info	
26138	no paleo info	
26139	prob Zemorrian	
26140	Zemorrian	
26141	no paleo info	
26142	no paleo info	
26143	Zemorrian	
26144	not diagnostic	
26145	no paleo info	
26146	no paleo info	
26147	Zemorrian	
26148	Zemorrian	
26149	Cret/Paleocene	
26150	Cret/Paleocene	
26151	Cret/Paleocene	
26152	poss Pliocene	
26153	poss Pliocene	
26154	prob Zemorrian	
26155	not diagnostic	
26156	Miocene/Pliocene	
26157	not diagnostic	
26158	not diagnostic	
26159	Zemorrian	
26160	Zemorrian	
26161	Zemorrian	
26162	not diagnostic	
26163	not diagnostic	
26164	not diagnostic	
26165	not diagnostic	
26166	not diagnostic	
26167	not diagnostic	
26168	Lower Zemorrian	
26169	not diagnostic	
26170	not diagnostic	
26171	poss Zemorrian	
26172	poss Eocene	
26173	poss Eocene	
26174	poss Eocene	
26175	not diagnostic	
26176	not diagnostic	
26177	Zemorrian	
26178	Miocene	
26179	no paleo info	
26180	no paleo info	
26181	not diagnostic	

	I	M
1	ONE/SERIES/AGT	
26182	Lower Mohnian	
26183	not diagnostic	
26184	not diagnostic	
26185	not diagnostic	
26186	not diagnostic	
26187	not diagnostic	
26188	not diagnostic	
26189	not diagnostic	
26190	not diagnostic	
26191	not diagnostic	
26192	not diagnostic	
26193	Refugian	
26194	not diagnostic	
26195	Relizian	
26196	Relizian	
26197	Eocene	
26198	not diagnostic	
26199	not diagnostic	
26200	not diagnostic	
26201	not diagnostic	
26202	not diagnostic	
26203	not diagnostic	
26204	prob Saucedian	
26205	not diagnostic	
26206	not diagnostic	
26207	not diagnostic	
26208	not diagnostic	
26209	not diagnostic	
26210	not diagnostic	
26211	not diagnostic	
26212	not diagnostic	
26213	not diagnostic	
26214	not diagnostic	
26215	not diagnostic	
26216	Zemorrian	
26217	Zemorrian	
26218	Zemorrian	
26219	not diagnostic	
26220	not diagnostic	
26221	Luisian	
26222	no paleo info	
26223	no paleo info	
26224	no paleo info	
26225	no paleo info	
26226	no paleo info	
26227	Lower Mohnian	
26228	barren	
26229	barren	
26230	probably Luisian	
26231	Lower Mohnian	
26232	Luisian	
26233	Lower Mohnian	
26234	Lower Mohnian	
26235	not diagnostic	
26236	Lower Mohnian	
26237	Lower Mohnian	
26238	barren	
26239	Mohnian	
26240	prob U Miocene	
26241	no paleo info	
26242	prob Refugian	
26243	U Eocene A zone	
26244	not diagnostic	
26245	not diagnostic	
26246	not diagnostic	
26247	poss Eocene	
26248	not diagnostic	
26249	not diagnostic	
26250	prob Refugian	
26251	not diagnostic	
26252	barren	
26253	not diagnostic	
26254	Refugian	
26255	U Eocene A zone	
26256	no paleo info	
26257	no paleo info	
26258	no paleo info	
26259	no paleo info	
26260	no paleo info	
26261	no paleo info	
26262	Lower Mohnian	
26263	Lower Mohnian	
26264	Lower Mohnian	
26265	Lower Mohnian	
26266	Luisian	

	I	M
1	ONE/SERIES/AGT	
26267	Luisian	
26268	Luisian	
26269	Lower Relizian	
26270	Lower Mohnian	
26271	Mohnian	
26272	Mohnian	
26273	Mohnian	
26274	Mohnian	
26275	Lower Mohnian	
26276	Lower Mohnian	
26277	Lower Mohnian	
26278	Lower Mohnian	
26279	prob Mohnian	
26280	U Eocene A zone	
26281	U Cret C/D-1 zone	
26282	no paleo info	
26283	Saucesian	
26284	Saucesian	
26285	U Cret G-2 zone	
26286	U Cret G-2 zone	
26287	U Cret G-2 zone	
26288	Zemorrian	
26289	Lower Relizian	
26290	no paleo info	
26291	no paleo info	
26292	no paleo info	
26293	no paleo info	
26294	no paleo info	
26295	no paleo info	
26296	no paleo info	
26297	no paleo info	
26298	no paleo info	
26299	no paleo info	
26300	no paleo info	
26301	no paleo info	
26302	Zemorrian	
26303	Relizian	
26304	L Cret J-2 zone	
26305	L Cret J-2 zone	
26306	L Cret J-2 zone	
26307	L Cret J-2 zone	
26308	L Cret J-2 zone	
26309	L Cret J-2 zone	
26310	L Cret J-2 zone	
26311	L Cret J-2 zone	
26312	L Cret J-2 zone	
26313	L Cret J-2 zone	
26314	Relizian	
26315	prob Luisian	
26316	no paleo info	
26317	no paleo info	
26318	no paleo info	
26319	no paleo info	
26320	no paleo info	
26321	no paleo info	
26322	Zemorrian	
26323	Miocene/Pliocene	
26324	poss Saucesian	
26325	Lower Mohnian	
26326	not diagnostic	
26327	U Eocene A-1 zone	
26328	no paleo info	
26329	Eocene or Cret	
26330	not diagnostic	
26331	Eocene	
26332	U Cret H zone	
26333	U Cret H zone	
26334	U Cret H zone	
26335	no paleo info	
26336	no paleo info	
26337	no paleo info	
26338	no paleo info	
26339	no paleo info	
26340	no paleo info	
26341	no paleo info	
26342	no paleo info	
26343	no paleo info	
26344	no paleo info	
26345	no paleo info	
26346	U Cret G-2 zone	
26347	no paleo info	
26348	no paleo info	
26349	no paleo info	
26350	no paleo info	
26351	no paleo info	

	I	M
1	ONE/SERIES/AGT	
26352	U Cret D zone	
26353	no paleo info	
26354	no paleo info	
26355	U Cret H zone	
26356	U Cret H zone	
26357	U Cret H zone	
26358	U Cret H zone	
26359	U Cret G-2 zone	
26360	U Cret H zone	
26361	U Cret H zone	
26362	U Cret H zone	
26363	no paleo info	
26364	no paleo info	
26365	no paleo info	
26366	no paleo info	
26367	no paleo info	
26368	no paleo info	
26369	no paleo info	
26370	no paleo info	
26371	no paleo info	
26372	no paleo info	
26373	no paleo info	
26374	no paleo info	
26375	no paleo info	
26376	no paleo info	
26377	no paleo info	
26378	Upper Cretaceous	
26379	Upper Cretaceous	
26380	Upper Miocene	
26381	Upper Miocene	
26382	Saucesian	
26383	Relizian	
26384	Relizian	
26385	no paleo info	
26386	Lower Cretaceous	
26387	Lower Cretaceous	
26388	no paleo info	
26389	no paleo info	
26390	no paleo info	
26391	no paleo info	
26392	no paleo info	
26393	no paleo info	
26394	no paleo info	
26395	no paleo info	
26396	no paleo info	
26397	no paleo info	
26398	no paleo info	
26399	no paleo info	
26400	no paleo info	
26401	no paleo info	
26402	no paleo info	
26403	no paleo info	
26404	no paleo info	
26405	no paleo info	
26406	no paleo info	
26407	no paleo info	
26408	no paleo info	
26409	no paleo info	
26410	no paleo info	
26411	no paleo info	
26412	Relizian	
26413	no paleo info	
26414	no paleo info	
26415	Zemorrian	
26416	prob Zemorrian	
26417	no paleo info	
26418	no paleo info	
26419	no paleo info	
26420	no paleo info	
26421	no paleo info	
26422	no paleo info	
26423	no paleo info	
26424	no paleo info	
26425	no paleo info	
26426	no paleo info	
26427	no paleo info	
26428	no paleo info	
26429	no paleo info	
26430	no paleo info	
26431	no paleo info	
26432	no paleo info	
26433	no paleo info	
26434	no paleo info	
26435	Saucesian	
26436	Upper Saucesian	

	I	M
1	ONE/SERIES/AGT	
26437	Lower Relizian	
26438	Lower Miocene	
26439	prob Zemorrian	
26440	not diagnostic	
26441	Lower Saucesian	
26442	Lower Relizian	
26443	Eocene	
26444	Lower Mohnian	
26445	not diagnostic	
26446	Paleocene D zone	
26447	Paleocene D zone	
26448	Paleocene D zone	
26449	Paleocene D zone	
26450	not diagnostic	
26451	Eocene B zones	
26452	U Cret H zone	
26453	no paleo info	
26454	Upper Cretaceous	
26455	U Eocene A zone	
26456	U Eocene A zone	
26457	U Eocene A zone	
26458	L Cret J-1 zone	
26459	Upper Cretaceous	
26460	U Eocene A zone	
26461	U Eocene A zone	
26462	U Eocene A zone	
26463	U Eocene A zone	
26464	not diagnostic	
26465	U Eocene A-1 zon	
26466	Luisian/Mohnian	
26467	Mohnian	
26468	Mohnian	
26469	Mohnian	
26470	Lower Mohnian	
26471	Lower Mohnian	
26472	Lower Mohnian	
26473	Lower Mohnian	
26474	Mohnian	
26475	Mohnian	
26476	Mohnian	
26477	Mohnian	
26478	? Mohnian	
26479	Luisian	
26480	Mohnian	
26481	Mohnian	
26482	Mohnian	
26483	Luisian	
26484	Mohnian	
26485	? Mohnian	
26486	? Mohnian	
26487	Mohnian	
26488	Upper Mohnian	
26489	Mohnian	
26490	Mohnian	
26491	Lower Mohnian	
26492	Mohnian	
26493	Luisian	
26494	not diagnostic	
26495	Luisian	
26496	Mohnian	
26497	not diagnostic	
26498	Lower Miocene	
26499	prob Zemorrian	
26500	U Eocene A zone	
26501	prob U Eocene	
26502	Lower Zemorrian	
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26504	Upper Zemorrian	
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26506	Upper Miocene	
26507	not diagnostic	
26508	U Eocene A-1 zon	
26509	U Eocene A-1 zon	
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26521	Lower Miocene	

	I	M
1	ONE/SERIES/AGF	
26522	poss U Cretaceous	
26523	Upper Cretaceous	
26524	poss U Cretaceous	
26525	prob U Cretaceous	
26526	poss Paleocene	
26527	Eocene A/C zone	
26528	Upper Cretaceous	
26529	U Cret E zone	
26530	Cretaceous	
26531	poss U Cretaceous	
26532	Upper Cretaceous	
26533	U Cret F-1 zone	
26534	Upper Cretaceous	
26535	Middle Eocene	
26536	poss U Cretaceous	
26537	U Cret F/G zones	
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1	ONE/SERIES/AGI	
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27405	U Cret E/F zones	
27406	U Cret C/D zones	
27407	U Cret C/D zones	
27408	Narizian/Refugian	
27409	U Cret F/G-1	
27410	U Cret F/G-1	
27411	U Cret E/G-1	
27412	U Eocene A zone	
27413	Upper Cretaceous	
27414	L Eocene C zone	
27415	U Eocene A zone	
27416	Upper Cretaceous	
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27421	Upper Eocene	
27422	Paleocene E zone	
27423	Cret/Paleocene	
27424	Paleocene D zone	
27425	Eocene	
27426	Eocene	
27427	Eocene	
27428	Eocene	
27429	Eocene	
27430	Middle Miocene	
27431	Middle Miocene	
27432	Pliocene	
27433	Upper Cretaceous	
27434	not diagnostic	
27435	U Cret F/G-1 zone	
27436	U Cret E zone	
27437	U Cret E zone	
27438	U Cret E zone	
27439	Eocene	
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27455	U Cret E zone	
27456	Early Tertiary	

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27459	Upper Cretaceous	
27460	see Went thesis	
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27474	U Cret I zone	
27475	U Cret F-2 zone	
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28390	Saucesian	
28391	Upper Relizian	

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28643	Upper Miocene	

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28728	no paleo info	

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28896	Zemorrian	
28897	no paleo info	
28898	Zemorrian	

	I	M
1	ONE/SERIES/AGT	
28899	Zemorrian	
28900	no paleo info	
28901	not diagnostic	
28902	not diagnostic	
28903	Luisian	
28904	not diagnostic	
28905	not diagnostic	
28906	no paleo info	
28907	not diagnostic	
28908	Saucesian	
28909	Luisian	
28910	not diagnostic	
28911	not diagnostic	
28912	not diagnostic	
28913	Luisian	
28914	Miocene	
28915	no paleo info	
28916	no paleo info	
28917	no paleo info	
28918	not diagnostic	
28919	Cretaceous	
28920	no paleo info	
28921	no paleo info	
28922	no paleo info	
28923	no paleo info	
28924	no paleo info	
28925	no paleo info	
28926	no paleo info	
28927	no paleo info	
28928	no paleo info	
28929	no paleo info	
28930	no paleo info	
28931	no paleo info	
28932	no paleo info	
28933	no paleo info	
28934	no paleo info	
28935	no paleo info	
28936	no paleo info	
28937	no paleo info	
28938	no paleo info	
28939	no paleo info	
28940	no paleo info	
28941	not diagnostic	
28942	not diagnostic	
28943	barren	
28944	Upper Pliocene	
28945	Upper Pliocene	
28946	Cret/Paleocene	
28947	Upper Pliocene	
28948	Upper Pliocene	
28949	Upper Pliocene	
28950	not diagnostic	
28951	Cret/Paleocene	
28952	not diagnostic	
28953	not diagnostic	
28954	Upper Pliocene	
28955	not diagnostic	
28956	Pliocene	
28957	Pliocene	
28958	not diagnostic	
28959	not diagnostic	
28960	Pliocene	
28961	Upper Pliocene	
28962	not diagnostic	
28963	Upper Pliocene	
28964	Upper Pliocene	
28965	not diagnostic	
28966	not diagnostic	
28967	Upper Pliocene	
28968	Pliocene	
28969	not diagnostic	
28970	Pliocene	
28971	Cret/Paleocene	
28972	not diagnostic	
28973	Upper Pliocene	
28974	barren	
28975	barren	
28976	Lower Pliocene	
28977	Pliocene	
28978	Lower Pliocene	
28979	Lower Pliocene	
28980	Lower Pliocene	
28981	Lower Pliocene	
28982	Lower Pliocene	
28983	Lower Pliocene	

	I	M
1	ONE/SERIES/AGT	
28984	Lower Pliocene	
28985	Upper Pliocene	
28986	Upper Pliocene	
28987	Upper Pliocene	
28988	not diagnostic	
28989	not diagnostic	
28990	not diagnostic	
28991	Upper Pliocene	
28992	Upper Pliocene	
28993	barren	
28994	Upper Pliocene	
28995	Upper Pliocene	
28996	Lower Pliocene	
28997	Pliocene	
28998	Lower Pliocene	
28999	barren	
29000	Lower Pliocene	
29001	Lower Pliocene	
29002	Lower Pliocene	
29003	Lower Pliocene	
29004	not diagnostic	
29005	Lower Pliocene	
29006	Lower Pliocene	
29007	not diagnostic	
29008	Pliocene	
29009	not diagnostic	
29010	Upper Pliocene	
29011	not diagnostic	
29012	Pliocene	
29013	Upper Pliocene	
29014	Paleocene	
29015	not diagnostic	
29016	poss Paleocene	
29017	barren	
29018	barren	
29019	Prob U Cret E zon	
29020	Cretaceous	
29021	L Cret J-1 zone	
29022	Cretaceous	
29023	L Cret J-1 zone	
29024	Cretaceous	
29025	U Cret I zone	
29026	Eocene B-1 zpme	
29027	Cret/Paleocene	
29028	U Cret C/D zones	
29029	U Cret C/D zones	
29030	U Cret D/E zones	
29031	U Cret D/E zones	
29032	U Cret E zone	
29033	U Cret F zone	
29034	U Cret F-1 zone	
29035	U Cret H or older	
29036	not diagnostic	
29037	U Cret H or older	
29038	U Cret H or older	
29039	U Cret H or older	
29040	U Cret H or older	
29041	U Cret H or older	
29042	U Cret F zone	
29043	U Cret E/G zones	
29044	not diagnostic	
29045	Eocene B-1 zone	
29046	Eocene B-1 zone	
29047	U Cret C/D zones	
29048	Eocene B-1 zone	
29049	Paleocene D zone	
29050	Eocene B-1 zone	
29051	Lower Cretaceous	
29052	Paleocene D zone	
29053	U Cret E/G zones	
29054	Eocene B-1 zone	
29055	Paleocene D/E zone	
29056	Paleocene/Eocene	
29057	U Cret E/G zones	
29058	Eocene/Paleocene	
29059	U Cret C/D zones	
29060	Paleocene E zone	
29061	Upper Cretaceous	
29062	no paleo info	
29063	U Cret E zone	
29064	U Cret E zone	
29065	U Cret E zone	
29066	U Cret E zone	
29067	U Cret E zone	
29068	U Cret E zone	

	I	M
1	ZONE/SERIES/AGT	
29069	U Cret E zone	
29070	U Cret E zone	
29071	U Cret E zone	
29072	U Cret E zone	
29073	U Cret E zone	
29074	U Cret E zone	
29075	U Cret E zone	
29076	U Cret E zone	
29077	U Cret E zone	
29078	U Cret E zone	
29079	U Cret E zone	
29080	U Cret E zone	
29081	U Cret E zone	
29082	U Cret E zone	
29083	U Cret E zone	
29084	U Cret E zone	
29085	U Cret E zone	
29086	U Cret F-1 zone	
29087	U Cret F-1 zone	
29088	U Cret F-1 zone	
29089	U Cret F-1 zone	
29090	U Cret F-1 zone	
29091	U Cret F-1 zone	
29092	U Cret F-1 zone	
29093	U Cret F-1 zone	
29094	U Cret F-1 zone	
29095	U Cret E zone	
29096	U Cret F-1 zone	
29097	U Cret F-1 zone	
29098	U Cret F-1 zone	
29099	not diagnostic	
29100	not diagnostic	
29101	U Cret G-2 zone	
29102	U Cret G-2 zone	
29103	U Cret G-2 zone	
29104	U Cret G-2 zone	
29105	U Cret G-2 zone	
29106	U Cret G-2 zone	
29107	U Cret G-2 zone	
29108	U Cret G-2 zone	
29109	U Cret G-2 zone	
29110	U Cret G-2 zone	
29111	U Cret G-2 zone	
29112	U Cret G-2 zone	
29113	U Cret G-2 zone	
29114	U Cret G-2 zone	
29115	U Cret G-1 zone	
29116	U Cret G-1 zone	
29117	U Cret G-1 zone	
29118	Upper Cretaceous	
29119	Upper Cretaceous	
29120	Upper Cretaceous	
29121	U Cret F-2 zone	
29122	U Cret F-2 zone	
29123	U Cret F-2 zone	
29124	U Cret F-2 zone	
29125	U Cret F-2 zone	
29126	U Cret F-2 zone	
29127	U Cret F-2 zone	
29128	U Cret F-2 zone	
29129	U Cret F-2 zone	
29130	U Cret F-2 zone	
29131	U Cret F-2 zone	
29132	L Cret J zone	
29133	L Cret J zone	
29134	L Cret J zone	
29135	L Cret J-2 zone	
29136	L Cret J-1 zone	
29137	L Cret J-1 zone	
29138	not diagnostic	
29139	not diagnostic	
29140	not diagnostic	
29141	not diagnostic	
29142	not diagnostic	
29143	not diagnostic	
29144	not diagnostic	
29145	U Cret I zone	
29146	U Cret I zone	
29147	not diagnostic	
29148	not diagnostic	
29149	not diagnostic	
29150	not diagnostic	
29151	not diagnostic	
29152	not diagnostic	
29153	not diagnostic	

	I	M
1	ONE/SERIES/AG	
29154	not diagnostic	
29155	not diagnostic	
29156	prob U Cret H zone	
29157	not diagnostic	
29158	L Cret J zone	
29159	L Cret J-1 zone	
29160	L Cret J-1 zone	
29161	L Cret J-1 zone	
29162	U Cret E zone	
29163	U Cret E zone	
29164	U Cret E/F zones	
29165	U Cret F zone	
29166	U Cret F-2 zone	
29167	U Cret F/G zone	
29168	U Cret G-1 zone	
29169	U Cret G zone	
29170	U Cret G-2 zone	
29171	U Cret G-2 zone	
29172	U Cret H zone	
29173	U Cret H zone	
29174	U Cret H zone	
29175	U Cret H/I zones	
29176	Upper Cretaceous	
29177	U Cret G-2 zone	
29178	Upper Cretaceous	
29179	U Cret G1 zone	
29180	U Cret G zone	
29181	prob U Cret G-1	
29182	prob U Cret G-1	
29183	prob U Cret G-1	
29184	prob U Cret G-1	
29185	prob U Cret F-2	
29186	Relizian	
29187	Upper Relizian	
29188	Relizian/Luisian	
29189	Middle Miocene	
29190	L or M Miocene	
29191	no paleo Info	
29192	no paleo Info	
29193	no paleo Info	
29194	no paleo Info	
29195	no paleo Info	
29196	no paleo Info	
29197	no paleo Info	
29198	no paleo Info	
29199	no paleo Info	
29200	no paleo Info	
29201	no paleo Info	
29202	no paleo Info	
29203	no paleo Info	
29204	no paleo Info	
29205	no paleo Info	
29206	no paleo Info	
29207	no paleo Info	
29208	no paleo Info	
29209	no paleo Info	
29210	U Cret F-2 zone	
29211	U Cret G-2 fauna	
29212	U Cret F-2 zone	
29213	U Cret G-2 fauna	
29214	not diagnostic	
29215	prob U Cret G-2	
29216	U Cret F-2 zone	
29217	U Cret F-2 zone	
29218	U Cret F-2 zone	
29219	not diagnostic	
29220	U Cret F-2 zone	
29221	no paleo Info	
29222	U Cret F-2 zone	
29223	no paleo Info	
29224	Upper Cretaceous	
29225	no paleo Info	
29226	U Cret F-2 zone	
29227	barren	
29228	U Cret F-2 zone	
29229	U Cret F-2 zone	
29230	U Cret F-2 zone	
29231	?U Cret F-2 zone	
29232	?U Cret F-2 zone	
29233	U Cret E-2 zone	
29234	U Cret F-2 zone	
29235	not diagnostic	
29236	U Cret F-2/E zone:	
29237	not diagnostic	
29238	U Cret F-2 zone	

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1	ONE/SERIES/AGT	
29239	not diagnostic	
29240	barren	
29241	barren	
29242	U Cret F-2 zone	
29243	U Cret F-2 zone	
29244	U Cret F-2 zone	
29245	U Cret F-2 zone	
29246	not diagnostic	
29247	U Cret F/G zones	
29248	U Cret F/G zones	
29249	U Cret F-2 zone	
29250	U Cret F-2 zone	
29251	not diagnostic	
29252	not diagnostic	
29253	U Cret F/G zones	
29254	U Cret F-2 zone	
29255	U Cret F-2 zone	
29256	U Cret F-2 zone	
29257	U Cret F-2 zone	
29258	U Cret F-2 zone	
29259	U Cret F/G zones	
29260	U Cret F-2 zone	
29261	U Cret F-2 zone	
29262	U Cret F-2 zone	
29263	U Cret F-2 zone	
29264	U Cret F-2 zone	
29265	U Cret F-2 zone	
29266	U Cret F-2 zone	
29267	U Cret F-2 zone	
29268	U Cret F-2 zone	
29269	U Cret F-2 zone	
29270	U Cret F-2 zone	
29271	U Cret F-2 zone	
29272	U Cret F-2 zone	
29273	U Cret F-2 zone	
29274	U Cret F-2 zone	
29275	U Cret F-2 zone	
29276	U Cret F-2 zone	
29277	Upper Cretaceous	
29278	U Cret F-2 zone	
29279	U Cret F-2 zone	
29280	not diagnostic	
29281	U Cret F-2 zone	
29282	U Cret E zone	
29283	U Cret E zone	
29284	not diagnostic	
29285	U Cret H zone	
29286	not diagnostic	
29287	U Cret G zone	
29288	?U Cret G-1 zone	
29289	?U Cret G-1 zone	
29290	?U Cret G-2 zone	
29291	not diagnostic	
29292	not diagnostic	
29293	not diagnostic	
29294	U Cret F-2 zone	
29295	not diagnostic	
29296	Cret F-2 or G-1	
29297	Cret F-2 or G-1	
29298	Cret F-2 or G-1	
29299	Cret F-2 or G-1	
29300	Cret F-2 or G-1	
29301	Cret F-2 or G-1	
29302	Cret F-2 or G-1	
29303	Cret F-2 or G-1	
29304	Cret F-2 or G-1	
29305	UK G-2 zone	
29306	UK G-2 zone	
29307	Cret F-2 or G-1	
29308	barren	
29309	not diagnostic	
29310	UK G-2 or older	
29311	UK G-2 or older	
29312	not diagnostic	
29313	not diagnostic	
29314	U Cret G-1 zone	
29315	older than UK G-1	
29316	Lower Cretaceous	
29317	Lower Cretaceous	
29318	Lower Cretaceous	
29319	Lower Cretaceous	
29320	Lower Cretaceous	
29321	Jurassic M zone	
29322	Jurassic M zone	
29323	Cretaceous	

	I	M
1	ONE/SERIES/AGF	
29324	Cretaceous	
29325	Cretaceous	
29326	Cretaceous	
29327	Cretaceous	
29328	U Cret H zone	
29329	poss Paleocene	
29330	U Cret H zone	
29331	U Cret H zone	
29332	not diagnostic	
29333	not diagnostic	
29334	Cretaceous	
29335	Cretaceous	
29336	Cretaceous	
29337	Cretaceous	
29338	Cretaceous	
29339	not diagnostic	
29340	poss Paleocene E	
29341	Cretaceous	
29342	Cretaceous	
29343	older than UK H zone	
29344	U or L Cretaceous	
29345	Lower Cret J-1	
29346	no paleo info	
29347	no paleo info	
29348	no paleo info	
29349	no paleo info	
29350	no paleo info	
29351	no paleo info	
29352	no paleo info	
29353	no paleo info	
29354	no paleo info	
29355	no paleo info	
29356	no paleo info	
29357	no paleo info	
29358	no paleo info	
29359	no paleo info	
29360	no paleo info	
29361	no paleo info	
29362	no paleo info	
29363	not diagnostic	
29364	Eocene B zone	
29365	Eocene B zone	
29366	no paleo info	
29367	no paleo info	
29368	no paleo info	
29369	no paleo info	
29370	no paleo info	
29371	no paleo info	
29372	no paleo info	
29373	no paleo info	
29374	no paleo info	
29375	no paleo info	
29376	no paleo info	
29377	no paleo info	
29378	no paleo info	
29379	no paleo info	
29380	no paleo info	
29381	no paleo info	
29382	Upper Jurassic	
29383	Upper Jurassic	
29384	not diagnostic	
29385	Upper Jurassic	
29386	Lower Cretaceous	
29387	Lower Cretaceous	
29388	Lower Cretaceous	
29389	Lower Cretaceous	
29390	Lower Cretaceous	
29391	Lower Cretaceous	
29392	Lower Cretaceous	
29393	Lower Cretaceous	
29394	Lower Cretaceous	
29395	Lower Cretaceous	
29396	Lower Cretaceous	
29397	Lower Cretaceous	
29398	Lower Cretaceous	
29399	Lower Cretaceous	
29400	Lower Cretaceous	
29401	Lower Cretaceous	
29402	Lower Cretaceous	
29403	Lower Cretaceous	
29404	Lower Cretaceous	
29405	Lower Cretaceous	
29406	Lower Cretaceous	
29407	Lower Cretaceous	
29408	Lower Cretaceous	

	I	M
1	ONE/SERIES/AGF	
29409	Lower Cretaceous	
29410	Lower Cretaceous	
29411	Lower Cretaceous	
29412	Lower Cretaceous	
29413	Lower Cretaceous	
29414	Lower Cretaceous	
29415	Lower Cretaceous	
29416	Lower Cretaceous	
29417	Lower Cretaceous	
29418	Lower Cretaceous	
29419	Lower Cretaceous	
29420	Lower Cretaceous	
29421	no paleo info	
29422	no paleo info	
29423	no paleo info	
29424	no paleo info	
29425	no paleo info	
29426	no paleo info	
29427	no paleo info	
29428	no paleo info	
29429	no paleo info	
29430	no paleo info	
29431	no paleo info	
29432	no paleo info	
29433	Lower Cretaceous	
29434	Lower Cretaceous	
29435	Lower Cretaceous	
29436	Lower Cretaceous	
29437	Lower Cretaceous	
29438	Cretaceous	
29439	Cretaceous	
29440	Cretaceous	
29441	Pliocene	
29442	no paleo info	
29443	no paleo info	
29444	no paleo info	
29445	no paleo info	
29446	no paleo info	
29447	no paleo info	
29448	no paleo info	
29449	no paleo info	
29450	no paleo info	
29451	no paleo info	
29452	no paleo info	
29453	no paleo info	
29454	no paleo info	
29455	no paleo info	
29456	no paleo info	
29457	no paleo info	
29458	no paleo info	
29459	no paleo info	
29460	no paleo info	
29461	no paleo info	
29462	U ret F-2 zone	
29463	no paleo info	
29464	no paleo info	
29465	no paleo info	
29466	U Cret F-2 zone	
29467	Eocene	
29468	Eocene	
29469	Eocene	
29470	Lower Miocene	
29471	Lower Miocene	
29472	Lower Miocene	
29473	Lower Miocene	
29474	Lower Miocene	
29475	Lower Miocene	
29476	Lower Miocene	
29477	Lower Miocene	
29478	Lower Miocene	
29479	Lower Miocene	
29480	Lower Miocene	
29481	Lower Miocene	
29482	Lower Miocene	
29483	Lower Miocene	
29484	Lower Miocene	
29485	Miocene	
29486	Lower Miocene	
29487	Lower Miocene	
29488	Lower Miocene	
29489	Lower Miocene	
29490	Lower Miocene	
29491	Lower Miocene	
29492	Miocene	
29493	not diagnostic	

	I	M
1	ONE/SERIES/AGT	
29494	Lower Miocene	
29495	Lower Miocene	
29496	Miocene	
29497	Zemorrian	
29498	not diagnostic	
29499	Miocene	
29500	Lower Miocene	
29501	Lower Miocene	
29502	Lower Miocene	
29503	Miocene	
29504	no paleo info	
29505	no paleo info	
29506	Lower Miocene	
29507	Upper Eocene	
29508	not diagnostic	
29509	U Eocene A zone	
29510	Lower Miocene	
29511	Lower Miocene	
29512	Zemorrian	
29513	Lower Miocene	
29514	Lower Miocene	
29515	Lower Miocene	
29516	Lower Miocene	
29517	not diagnostic	
29518	Lower Miocene	
29519	not diagnostic	
29520	Lower Miocene	
29521	not diagnostic	
29522	not diagnostic	
29523	Lower Miocene	
29524	Lower Miocene	
29525	Lower Miocene	
29526	Lower Miocene	
29527	not diagnostic	
29528	Lower Miocene	
29529	Lower Miocene	
29530	Lower Miocene	
29531	Lower Miocene	
29532	not diagnostic	
29533	Lower Miocene	
29534	not diagnostic	
29535	Lower Miocene	
29536	Lower Miocene	
29537	Lower Miocene	
29538	Lower Miocene	
29539	not diagnostic	
29540	Lower Miocene	
29541	not diagnostic	
29542	Lower Miocene	
29543	not diagnostic	
29544	Eocene	
29545	not diagnostic	
29546	Eocene	
29547	not diagnostic	
29548	Lower Miocene	
29549	not diagnostic	
29550	Lower Miocene	
29551	Zemorrian	
29552	Lower Miocene	
29553	Lower Miocene	
29554	Eocene	
29555	Eocene	
29556	Eocene	
29557	Eocene	
29558	Eocene	
29559	Eocene	
29560	Eocene	
29561	Eocene	
29562	Eocene	
29563	Eocene	
29564	Pleistocene	
29565	not diagnostic	
29566	not diagnostic	
29567	not diagnostic	
29568	poss M Miocene	
29569	poss M Miocene	
29570	Plio/Pleistocene	
29571	Plio/Pleistocene	
29572	not diagnostic	
29573	Plio/Pleistocene	
29574	Plio/Pleistocene	
29575	Plio/Pleistocene	
29576	Plio/Pleistocene	
29577	Plio/Pleistocene	
29578	Plio/Pleistocene	

	I	M
1	ONE/SERIES/AGT	
29579	Delmontian	
29580	Delmontian	
29581	no paleo info	
29582	Eocene pollen	
29583	no paleo info	
29584	Cret/Paleoc pollen	
29585	no paleo info	
29586	no paleo info	
29587	Lower Eocene	
29588	no paleo info	
29589	no paleo info	
29590	no paleo info	
29591	no paleo info	
29592	no paleo info	
29593	no paleo info	
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29599	no paleo info	
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29601	no paleo info	
29602	no paleo info	
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29604	no paleo info	
29605	no paleo info	
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29607	no paleo info	
29608	no paleo info	
29609	no paleo info	
29610	no paleo info	
29611	no paleo info	
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29615	no paleo info	
29616	no paleo info	
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29641	no paleo info	
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29649	no paleo info	
29650	no paleo info	
29651	no paleo info	
29652	no paleo info	
29653	no paleo info	
29654	no paleo info	
29655	no paleo info	
29656	no paleo info	
29657	no paleo info	
29658	no paleo info	
29659	no paleo info	
29660	no paleo info	
29661	no paleo info	
29662	no paleo info	
29663	no paleo info	

	I	M
1	ONE/SERIES/AGI	
29664	no paleo info	
29665	no paleo info	
29666	no paleo info	
29667	no paleo info	
29668	no paleo info	
29669	no paleo info	
29670	no paleo info	
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29692	Eocene	
29693	Eocene	
29694	Eocene	
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29697	Eocene	
29698	Eocene	
29699	Eocene	
29700	Eocene	
29701	Eocene	
29702	Eocene	
29703	Eocene	
29704	Zemorrian	
29705	Zemorrian	
29706	Zemorrian	
29707	Middle Eocene	
29708	Middle Eocene	
29709	Middle Eocene	
29710	Middle Eocene	
29711	Middle Eocene	
29712	Middle Eocene	
29713	Middle Eocene	
29714	Middle Eocene	
29715	Lower Eocene	
29716	Lower Eocene	
29717	Lower Eocene	
29718	Lower Eocene	
29719	Lower Eocene	
29720	Lower Eocene	
29721	no paleo info	
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29742	no paleo info	
29743	no paleo info	
29744	no paleo info	
29745	no paleo info	
29746	no paleo info	
29747	no paleo info	
29748	no paleo info	

	I	M
1	ONE/SERIES/AGI	
29749	no paleo info	
29750	no paleo info	
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29753	no paleo info	
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29777	no paleo info	
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29779	no paleo info	
29780	no paleo info	
29781	no paleo info	
29782	no paleo info	
29783	no paleo info	
29784	Saucesian	
29785	not diagnostic	
29786	L or M Miocene	
29787	no paleo info	
29788	no paleo info	
29789	no paleo info	
29790	no paleo info	
29791	no paleo info	
29792	no paleo info	
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29799	no paleo info	
29800	no paleo info	
29801	no paleo info	
29802	no paleo info	
29803	no paleo info	
29804	no paleo info	
29805	no paleo info	
29806	Eocene	
29807	Eocene	
29808	Eocene	
29809	Eocene	
29810	Eocene	
29811	Eocene	
29812	Eocene	
29813	Eocene	
29814	Eocene	
29815	Eocene	
29816	Eocene	
29817	Eocene	
29818	Eocene	
29819	Eocene	
29820	Eocene	
29821	Eocene	
29822	Eocene	
29823	Eocene	
29824	Eocene	
29825	Eocene	
29826	Eocene	
29827	Eocene	
29828	Eocene	
29829	Eocene	
29830	Eocene	
29831	Eocene	
29832	Eocene	
29833	Eocene	

	I	M
1	ONE/SERIES/AGT	
29834	Eocene	
29835	Eocene	
29836	no paleo info	
29837	no paleo info	
29838	poss Pliocene	
29839	poss Cretaceous	
29840	Luisian	
29841	Luisian	
29842	Luisian	
29843	Luisian	
29844	Luisian	
29845	Luisian	
29846	Luisian	
29847	Luisian	
29848	has reworked M	
29849	poss Cretaceous	
29850	prob Cretaceous	
29851	Luisian	
29852	Luisian	
29853	Relizian	
29854	Relizian	
29855	Relizian	
29856	Relizian	
29857	Cretaceous	
29858	Cretaceous	
29859	prob Middle Miocene	
29860	not diagnostic	
29861	Relizian	
29862	Relizian	
29863	Cret/Paleocene	
29864	not diagnostic	
29865	Middle Miocene	
29866	not diagnostic	
29867	barren	
29868	Cret/Paleocene	
29869	Cret/Paleocene	
29870	prob Miocene	
29871	not diagnostic	
29872	not diagnostic	
29873	poss U Miocene	
29874	not diagnostic	
29875	not diagnostic	
29876	not diagnostic	
29877	not diagnostic	
29878	not diagnostic	
29879	prob U Miocene	
29880	prob U Miocene	
29881	prob U Miocene	
29882	prob U Miocene	
29883	prob U Miocene	
29884	prob U Miocene	
29885	prob U Miocene	
29886	Miocene/Pliocene	
29887	Miocene/Pliocene	
29888	Miocene/Pliocene	
29889	Miocene/Pliocene	
29890	Miocene/Pliocene	
29891	Miocene/Pliocene	
29892	Miocene/Pliocene	
29893	Miocene/Pliocene	
29894	Delmontian	
29895	not diagnostic	
29896	prob U Miocene	
29897	prob U Miocene	
29898	prob U Miocene	
29899	prob U Miocene	
29900	not diagnostic	
29901	prob U Miocene	
29902	Delmontian	
29903	Miocene/Pliocene	
29904	Miocene/Pliocene	
29905	Miocene/Pliocene	
29906	Miocene/Pliocene	
29907	Miocene/Pliocene	
29908	Miocene/Pliocene	
29909	Pliocene	
29910	Pseudosaucian	
29911	Upper Miocene	
29912	Upper Miocene	
29913	Middle Miocene	
29914	Middle Miocene	
29915	Middle Miocene	
29916	M or U Miocene	
29917	poss Delmontian	
29918	poss Delmontian	

	I	M
1	ONE/SERIES/AG	
29919	poss Delmontian	
29920	poss Delmontian	
29921	poss Delmontian	
29922	Upper Miocene	
29923	Upper Miocene	
29924	Upper Miocene	
29925	not diagnostic	
29926	not diagnostic	
29927	not diagnostic	
29928	not diagnostic	
29929	not diagnostic	
29930	Miocene/Pliocene	
29931	not diagnostic	
29932	not diagnostic	
29933	not diagnostic	
29934	Lower Pliocene	
29935	Lower Pliocene	
29936	Lower Pliocene	
29937	Lower Pliocene	
29938	not diagnostic	
29939	Miocene/Pliocene	
29940	Miocene/Pliocene	
29941	not diagnostic	
29942	not diagnostic	
29943	not diagnostic	
29944	Miocene/Pliocene	
29945	Miocene/Pliocene	
29946	Miocene/Pliocene	
29947	Miocene/Pliocene	
29948	Miocene/Pliocene	
29949	Miocene/Pliocene	
29950	not diagnostic	
29951	not diagnostic	
29952	not diagnostic	
29953	not diagnostic	
29954	not diagnostic	
29955	not diagnostic	
29956	not diagnostic	
29957	not diagnostic	
29958	not diagnostic	
29959	not diagnostic	
29960	not diagnostic	
29961	not diagnostic	
29962	not diagnostic	
29963	not diagnostic	
29964	Miocene/Pliocene	
29965	Miocene/Pliocene	
29966	not diagnostic	
29967	Miocene/Pliocene	
29968	Delmontian	
29969	Delmontian	
29970	Mohnian	
29971	Delmontian	
29972	Delmontian	
29973	Delmontian	
29974	Delmontian	
29975	Delmontian	
29976	Delmontian	
29977	Delmontian	
29978	Delmontian	
29979	Delmontian	
29980	Miocene/Pliocene	
29981	Miocene/Pliocene	
29982	Miocene/Pliocene	
29983	Miocene/Pliocene	
29984	Lower Pliocene	
29985	Lower Pliocene	
29986	Delmontian	
29987	Delmontian	
29988	Miocene/Pliocene	
29989	Miocene/Pliocene	
29990	not diagnostic	
29991	Miocene/Pliocene	
29992	Lower Pliocene	
29993	Pseudosaucesian	
29994	Pseudosaucesian	
29995	Pseudosaucesian	
29996	Pseudosaucesian	
29997	Pseudosaucesian	
29998	Pseudosaucesian	
29999	Pseudosaucesian	
30000	Pseudosaucesian	
30001	barren	
30002	not diagnostic	
30003	not diagnostic	

	I	M
1	ONE/SERIES/AGT	
30004	Upper Miocene	
30005	not diagnostic	
30006	Upper Miocene	
30007	Upper Miocene	
30008	Upper Miocene	
30009	Upper Miocene	
30010	Miocene/Pliocene	
30011	Miocene/Pliocene	
30012	not diagnostic	
30013	Miocene/Pliocene	
30014	Miocene/Pliocene	
30015	not diagnostic	
30016	Miocene/Pliocene	
30017	Delmontian	
30018	Delmontian	
30019	Delmontian	
30020	Delmontian	
30021	Delmontian	
30022	Delmontian	
30023	Delmontian	
30024	Delmontian	
30025	not diagnostic	
30026	not diagnostic	
30027	Pseudosaucesian	
30028	Pseudosaucesian	
30029	Pseudosaucesian	
30030	Upper Miocene	
30031	Delmontian	
30032	Delmontian	
30033	Pseudosaucesian	
30034	Delmontian	
30035	not diagnostic	
30036	not diagnostic	
30037	not diagnostic	
30038	not diagnostic	
30039	Delmontian	
30040	not diagnostic	
30041	not diagnostic	
30042	Pliocene	
30043	Pliocene	
30044	Pliocene	
30045	Pliocene	
30046	Pliocene	
30047	Pliocene	
30048	not diagnostic	
30049	Pliocene	
30050	Miocene/Pliocene	
30051	Miocene/Pliocene	
30052	Miocene/Pliocene	
30053	Miocene/Pliocene	
30054	not diagnostic	
30055	Miocene/Pliocene	
30056	Cret/Paleocene	
30057	Cret/Paleocene	
30058	not diagnostic	
30059	Pliocene	
30060	not diagnostic	
30061	not diagnostic	
30062	not diagnostic	
30063	not diagnostic	
30064	Miocene/Pliocene	
30065	Pliocene	
30066	Miocene/Pliocene	
30067	not diagnostic	
30068	Cret/Paleocene	
30069	Cret/Paleocene	
30070	not diagnostic	
30071	Miocene/Pliocene	
30072	Paleocene/Eocene	
30073	not diagnostic	
30074	not diagnostic	
30075	barren	
30076	Miocene/Pliocene	
30077	Lower Pliocene	
30078	Miocene/Pliocene	
30079	Pliocene	
30080	not diagnostic	
30081	Pliocene	
30082	Pliocene	
30083	Pliocene	
30084	Pliocene	
30085	Plio/Pleistocene	
30086	Plio/Pleistocene	
30087	Middle Miocene	
30088	Lower Eocene	

	I	M
1	ONE/SERIES/AGT	
30089	no paleo info	
30090	not diagnostic	
30091	not diagnostic	
30092	not diagnostic	
30093	Eocene	
30094	no paleo info	
30095	no paleo info	
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30145	no paleo info	
30146	no paleo info	
30147	no paleo info	
30148	no paleo info	
30149	no paleo info	
30150	Lower Pliocene	
30151	Saucesian/Reliziar	
30152	Saucesian/Reliziar	
30153	not diagnostic	
30154	Middle Miocene	
30155	not diagnostic	
30156	not diagnostic	
30157	Lower Pliocene	
30158	Mohnian/Delmontn	
30159	not diagnostic	
30160	Upper Miocene	
30161	Upper Miocene	
30162	not diagnostic	
30163	Pliocene	
30164	Pliocene	
30165	not diagnostic	
30166	not diagnostic	
30167	not diagnostic	
30168	Upper Miocene	
30169	Upper Miocene	
30170	Upper Miocene	
30171	Upper Miocene	
30172	Upper Miocene	
30173	not diagnostic	

	I	M
1	ONE/SERIES/AGT	
30174	Plio/Pleistocene	
30175	barren	
30176	barren	
30177	not diagnostic	
30178	Plio/Pleistocene	
30179	Plio/Pleistocene	
30180	not diagnostic	
30181	Plio/Pleistocene	
30182	Upper Pliocene	
30183	not diagnostic	
30184	Lower Pliocene	
30185	Lower Pliocene	
30186	Lower Pliocene	
30187	not diagnostic	
30188	not diagnostic	
30189	not diagnostic	
30190	not diagnostic	
30191	not diagnostic	
30192	?Upper Miocene	
30193	no paleo info	
30194	no paleo info	
30195	no paleo info	
30196	no paleo info	
30197	no paleo info	
30198	no paleo info	
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30212	Lower Cret J-2	
30213	Paleocene	
30214	Lower Pliocene	
30215	Lower Pliocene	
30216	Lower Pliocene	
30217	Lower Pliocene	
30218	poss U Miocene	
30219	poss U Miocene	
30220	poss U Miocene	
30221	poss U Miocene	
30222	Pliocene	
30223	poss Pliocene	
30224	Cret/Paleocene??	
30225	Miocene/Pliocene	
30226	Upper Miocene	
30227	Lower Pliocene	
30228	Lower Pliocene	
30229	Lower Pliocene	
30230	Pliocene	
30231	Pliocene	
30232	Pliocene	
30233	Pliocene	
30234	Pliocene	
30235	Pliocene	
30236	Pliocene	
30237	Pliocene	
30238	Pliocene	
30239	Pliocene	
30240	Pliocene	
30241	Pliocene	
30242	Pliocene	
30243	Pliocene	
30244	Pliocene	
30245	Lower Pliocene	
30246	Lower Pliocene	
30247	no paleo info	
30248	Delmontian	
30249	not diagnostic	
30250	not diagnostic	
30251	not diagnostic	
30252	not diagnostic	
30253	Pseudosaucesian	
30254	Pseudosaucesian	
30255	Pseudosaucesian	
30256	Miocene/Pliocene	
30257	Miocene/Pliocene	
30258	Delmontian	

	I	M
1	ONE/SERIES/AGF	
30259	Delmontian	
30260	Delmontian	
30261	Delmontian	
30262	Delmontian	
30263	Pseudosaucesian	
30264	Pseudosaucesian	
30265	Pseudosaucesian	
30266	Pseudosaucesian	
30267	Pseudosaucesian	
30268	Pseudosaucesian	
30269	Pseudosaucesian	
30270	Pseudosaucesian	
30271	Pseudosaucesian	
30272	Saucesian/Reliziar	
30273	Pseudosaucesian	
30274	Pseudosaucesian	
30275	Pseudo or L. Mioc	
30276	Pseudo or L. Mioc	
30277	Pseudo or L. Mioc	
30278	Pseudo or L. Mioc	
30279	Pseudo or L. Mioc	
30280	Pseudo or L. Mioc	
30281	Pseudo or L. Mioc	
30282	Pseudo or L. Mioc	
30283	Lower Pliocene	
30284	poss Pseudosauce	
30285	Pseudosaucesian	
30286	Miocene/Pliocene	
30287	Miocene/Pliocene	
30288	Miocene/Pliocene	
30289	Miocene/Pliocene	
30290	Lower Pliocene	
30291	Miocene/Pliocene	
30292	Miocene/Pliocene	
30293	Miocene/Pliocene	
30294	Pliocene	
30295	not diagnostic	
30296	not diagnostic	
30297	not diagnostic	
30298	not diagnostic	
30299	not diagnostic	
30300	not diagnostic	
30301	not diagnostic	
30302	not diagnostic	
30303	not diagnostic	
30304	no paleo info	
30305	no paleo info	
30306	no paleo info	
30307	no paleo info	
30308	no paleo info	
30309	no paleo info	
30310	no paleo info	
30311	no paleo info	
30312	no paleo info	
30313	no paleo info	
30314	no paleo info	
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30317	no paleo info	
30318	no paleo info	
30319	no paleo info	
30320	no paleo info	
30321	no paleo info	
30322	no paleo info	
30323	no paleo info	
30324	Relizian	
30325	no paleo info	
30326	no paleo info	
30327	no paleo info	
30328	Relizian	
30329	Relizian	
30330	Relizian	
30331	Relizian	
30332	no paleo info	
30333	no paleo info	
30334	no paleo info	
30335	no paleo info	
30336	no paleo info	
30337	no paleo info	
30338	Luisian	
30339	no paleo info	
30340	Relizian	
30341	no paleo info	
30342	Relizian	
30343	no paleo info	

	I	M
1	ONE/SERIES/AGT	
30344	no paleo info	
30345	no paleo info	
30346	Saucesian?	
30347	no paleo info	
30348	no paleo info	
30349	no paleo info	
30350	no paleo info	
30351	no paleo info	
30352	no paleo info	
30353	no paleo info	
30354	no paleo info	
30355	no paleo info	
30356	no paleo info	
30357	no paleo info	
30358	no paleo info	
30359	no paleo info	
30360	Upper Eocene	
30361	Upper Eocene	
30362	Upper Eocene	
30363	Upper Eocene	
30364	Upper Eocene	
30365	Upper Eocene	
30366	Upper Eocene	
30367	Upper Eocene	
30368	Upper Eocene	
30369	Eocene	
30370	Eocene	
30371	Eocene	
30372	Eocene	
30373	Eocene	
30374	Eocene	
30375	Eocene	
30376	no paleo info	
30377	not diagnostic	
30378	Upper Eocene	
30379	Upper Eocene	
30380	Upper Eocene	
30381	Upper Eocene	
30382	Upper Eocene	
30383	Upper Eocene	
30384	Upper Eocene	
30385	Eocene/Miocene	
30386	Eocene/Miocene	
30387	Eocene/Miocene	
30388	Eocene/Miocene	
30389	Eocene/Miocene	
30390	Eocene/Miocene	
30391	Eocene/Miocene	
30392	Eocene/Miocene	
30393	Eocene/Miocene	
30394	Eocene/Miocene	
30395	no paleo info	
30396	no paleo info	
30397	not diagnostic	
30398	Zemorrian	
30399	Zemorrian	
30400	Zemorrian	
30401	Zemorrian	
30402	Zemorrian	
30403	Zemorrian	
30404	not diagnostic	
30405	Delmontian	
30406	barren	
30407	Delmontian	
30408	Lower Pliocene	
30409	Lower Pliocene	
30410	Upper Pliocene	
30411	Upper Pliocene	
30412	Upper Pliocene	
30413	Upper Pliocene	
30414	Lower Pliocene	
30415	Lower Pliocene	
30416	Lower Pliocene	
30417	Delmontian	
30418	not diagnostic	
30419	Delmontian	
30420	not diagnostic	
30421	poss Pliocene	
30422	poss Pliocene	
30423	poss Pliocene	
30424	poss Mio/Plio	
30425	poss Mio/Plio	
30426	poss Mio/Plio	
30427	not diagnostic	

	I	M
1	ONE/SERIES/AG	
30428	Miocene/Pliocene	
30429	Miocene/Pliocene	
30430	Miocene/Pliocene	
30431	Miocene/Pliocene	
30432	Miocene/Pliocene	
30433	Miocene/Pliocene	
30434	Miocene/Pliocene	
30435	Miocene/Pliocene	
30436	Miocene/Pliocene	
30437	Lower Pliocene	
30438	Lower Pliocene	
30439	poss Mio/Pliocene	
30440	poss Mio/Pliocene	
30441	poss Mio/Pliocene	
30442	not diagnostic	
30443	poss Cretaceous	
30444	not diagnostic	
30445	not diagnostic	
30446	Pliocene	
30447	Saucesian/Pseudo	
30448	Saucesian/Pseudo	
30449	Saucesian/Pseudo	
30450	Miocene/Pliocene	
30451	Miocene/Pliocene	
30452	Miocene/Pliocene	
30453	Miocene/Pliocene	
30454	Lower Pliocene	
30455	Miocene/Pliocene	
30456	Miocene/Pliocene	
30457	Miocene/Pliocene	
30458	Miocene/Pliocene	
30459	Miocene/Pliocene	
30460	Miocene/Pliocene	
30461	Miocene/Pliocene	
30462	Miocene/Pliocene	
30463	Miocene/Pliocene	
30464	prob Mio/Pliocene	
30465	prob Mio/Pliocene	
30466	?Cretaceous	
30467	?Cretaceous	
30468	?Cretaceous	
30469	?Cretaceous	
30470	?Cretaceous	
30471	?Cretaceous	
30472	?Cretaceous	
30473	?Cretaceous	
30474	?Cretaceous	
30475	?Cretaceous	
30476	?Cretaceous	
30477	?Cretaceous	
30478	?Cretaceous	
30479	?Cretaceous	
30480	?Cretaceous	
30481	?Cretaceous	
30482	?Cretaceous	
30483	?Cretaceous	
30484	?Cretaceous	
30485	?Cretaceous	
30486	Pliocene	
30487	Pliocene	
30488	Pliocene	
30489	Pliocene	
30490	?Cretaceous	
30491	?Cretaceous	
30492	?Cretaceous	
30493	?Cretaceous	
30494	Middle Miocene	
30495	not diagnostic	
30496	Miocene/Pliocene	
30497	Miocene/Pliocene	
30498	Miocene/Pliocene	
30499	Miocene/Pliocene	
30500	Miocene/Pliocene	
30501	Miocene/Pliocene	
30502	not diagnostic	
30503	not diagnostic	
30504	Upper Miocene	
30505	Upper Miocene	
30506	poss U Miocene	
30507	not diagnostic	
30508	Cret/Paleocene	
30509	Cret/Paleocene	
30510	Cret/Paleocene	
30511	Miocene/Pliocene	
30512	Miocene/Pliocene	

	I	M
1	ONE/SERIES/AGf	
30513	Miocene/Pliocene	
30514	Mohnian	
30515	Mohnian	
30516	Cret and Miocene	
30517	Cret and Miocene	
30518	Cret and Miocene	
30519	Cret/Paleocene	
30520	not diagnostic	
30521	not diagnostic	
30522	not diagnostic	
30523	poss Mio/Pliocene	
30524	not diagnostic	
30525	poss Mio/Pliocene	
30526	Miocene/Pliocene	
30527	Miocene/Pliocene	
30528	Miocene/Pliocene	
30529	not diagnostic	
30530	not diagnostic	
30531	not diagnostic	
30532	not diagnostic	
30533	Cret/Paleocene	
30534	not diagnostic	
30535	not diagnostic	
30536	not diagnostic	
30537	not diagnostic	
30538	Miocene/Pliocene	
30539	Miocene/Pliocene	
30540	Miocene/Pliocene	
30541	Cret/Paleocene	
30542	Cret/Paleocene	
30543	Cret/Paleocene	
30544	poss Delmontian	
30545	Cret/Paleocene	
30546	Cret/Paleocene	
30547	Cret/Paleocene	
30548	Mohnian	
30549	prob U Miocene	
30550	prob U Miocene	
30551	not diagnostic	
30552	not diagnostic	
30553	not diagnostic	
30554	not diagnostic	
30555	not diagnostic	
30556	Upper Pliocene	
30557	Upper Pliocene	
30558	Upper Pliocene	
30559	Paleocene/Eocene	
30560	Paleocene/Eocene	
30561	not diagnostic	
30562	not diagnostic	
30563	Pseudosaucesian	
30564	Pseudosaucesian	
30565	Lower Pliocene	
30566	Lower Pliocene	
30567	Lower Pliocene	
30568	Lower Pliocene	
30569	Lower Pliocene	
30570	contaminated?	
30571	Cretaceous	
30572	no paleo info	
30573	no paleo info	
30574	Upper Cretaceous	
30575	Upper Cretaceous	
30576	no paleo info	
30577	no paleo info	
30578	no paleo info	
30579	no paleo info	
30580	no paleo info	
30581	no paleo info	
30582	no paleo info	
30583	no paleo info	
30584	no paleo info	
30585	no paleo info	
30586	no paleo info	
30587	no paleo info	
30588	no paleo info	
30589	no paleo info	
30590	no paleo info	
30591	no paleo info	
30592	no paleo info	
30593	no paleo info	
30594	no paleo info	
30595	no paleo info	
30596	no paleo info	
30597	no paleo info	

	I	M
1	ONE/SERIES/AGT	
30598	no paleo info	
30599	no paleo info	
30600	no paleo info	
30601	no paleo info	
30602	no paleo info	
30603	no paleo info	
30604	no paleo info	
30605	no paleo info	
30606	no paleo info	
30607	no paleo info	
30608	no paleo info	
30609	no paleo info	
30610	no paleo info	
30611	no paleo info	
30612	no paleo info	
30613	no paleo info	
30614	no paleo info	
30615	U Cret E/F zones	
30616	poss Luisian	
30617	Middle Miocene	
30618	Paleocene D zone	
30619	Lower Tertiary	
30620	Cret/Paleocene	
30621	Upper Miocene	
30622	Miocene	
30623	L? Cretaceous	
30624	L? Cretaceous	
30625	prob U Miocene	
30626	prob U Miocene	
30627	prob U Miocene	
30628	prob U Miocene	
30629	L? Cretaceous	
30630	no paleo info	
30631	no paleo info	
30632	no paleo info	
30633	all ostracods	
30634	all ostracods	
30635	no paleo info	
30636	U Cret D-2 zone	
30637	U Cret D-2 zone	
30638	U Cret D-2 zone	
30639	U Cret D-2 zone	
30640	not diagnostic	
30641	not diagnostic	
30642	barren	
30643	not diagnostic	
30644	not diagnostic	
30645	Eoc/Paleoc C/D	
30646	Eoc/Paleoc C/D	
30647	Eoc/Paleoc C/D	
30648	no paleo info	
30649	Paleocene D zone	
30650	Paleocene D zone	
30651	Paleocene D zone	
30652	barren	
30653	barren	
30654	barren	
30655	barren	
30656	Narizian	
30657	Eocene A-2 zone	
30658	not diagnostic	
30659	not diagnostic	
30660	Eocene B zones	
30661	Upper Eocene	
30662	Paleocene D/E	
30663	not diagnostic	
30664	Eocene C zone	
30665	not diagnostic	
30666	Paleocene D/E	
30667	Paleocene D/E	
30668	Paleocene D/E	
30669	Paleocene D/E	
30670	Paleocene D/E	
30671	not diagnostic	
30672	Paleocene D/E	
30673	Paleocene D/E	
30674	Upper Eocene	
30675	Paleocene	
30676	Paleocene	
30677	Eocene C zone	
30678	Eocene C zone	
30679	not diagnostic	
30680	not diagnostic	
30681	not diagnostic	
30682	not diagnostic	

	I	M
1	ONE/SERIES/AGT	
30683	not diagnostic	
30684	U Eocene A-1 zon	
30685	Upper Eocene	
30686	Narizian	
30687	not diagnostic	
30688	U Eocene A-1 zon	
30689	not diagnostic	
30690	not diagnostic	
30691	Eocene C zone	
30692	not diagnostic	
30693	Paleocene E zone	
30694	not diagnostic	
30695	not diagnostic	
30696	not diagnostic	
30697	not diagnostic	
30698	not diagnostic	
30699	no paleo info	
30700	Paleocene E zone	
30701	not diagnostic	
30702	not diagnostic	
30703	not diagnostic	
30704	not diagnostic	
30705	poss U Cret E zon	
30706	poss U Cret E zon	
30707	not diagnostic	
30708	not diagnostic	
30709	?Cretaceous	
30710	not diagnostic	
30711	no paleo info	
30712	no paleo info	
30713	U Cret D/E zone	
30714	Upper Cretaceous	
30715	Upper Cretaceous	
30716	U Cret D/E zone	
30717	U Cret D/E zone	
30718	not diagnostic	
30719	not diagnostic	
30720	not diagnostic	
30721	U Cret D/E zone	
30722	not diagnostic	
30723	Middle Miocene	
30724	not diagnostic	
30725	Middle Miocene	
30726	? Middle Miocene	
30727	probably Relizian	
30728	Middle Miocene	
30729	Middle Miocene	
30730	Luisian	
30731	Middle Miocene	
30732	Relizian	
30733	no paleo info	
30734	no paleo info	
30735	no paleo info	
30736	no paleo info	
30737	no paleo info	
30738	Upper Miocene	
30739	Upper Miocene	
30740	Upper Miocene	
30741	barren	
30742	Upper Miocene	
30743	barren	
30744	barren	
30745	Upper Miocene	
30746	not diagnostic	
30747	Upper Miocene	
30748	Upper Miocene	
30749	no paleo info	
30750	no paleo info	
30751	no paleo info	
30752	no paleo info	
30753	no paleo info	
30754	no paleo info	
30755	Relizian	
30756	Relizian	
30757	Relizian	
30758	Relizian	
30759	Lower Mohnian	
30760	Mohnian	
30761	Lower Mohnian	
30762	Lower Mohnian	
30763	Lower Mohnian	
30764	no paleo info	
30765	no paleo info	
30766	no paleo info	
30767	? Lower Miocene	

	I	M
1	ONE/SERIES/AGE	
30768	? Lower Miocene	
30769	no paleo info	
30770	no paleo info	
30771	U Cret D zone	
30772	no paleo info	
30773	no paleo info	
30774	Relizian	
30775	Relizian	
30776	Lower Relizian	
30777	Lower Relizian	
30778	Relizian	
30779	not diagnostic	
30780	Lower Relizian	
30781	Lower Relizian	
30782	Lower Relizian	
30783	Relizian	
30784	?Upper Miocene	
30785	not diagnostic	
30786	Lower Relizian	
30787	? Upper Miocene	
30788	not diagnostic	
30789	Cret/Paleocene	
30790	Cret/Paleocene	
30791	Cret/Paleocene	
30792	Cret/Paleocene	
30793	Cret/Paleocene	
30794	Cret/Paleocene	
30795	Cret/Paleocene	
30796	Cret/Paleocene	
30797	not diagnostic	
30798	not diagnostic	
30799	barren	
30800	barren	
30801	Saucesian	
30802	not diagnostic	
30803	Relizian	
30804	L. Relizian	
30805	Relizian/Saucesian	
30806	Saucesian	
30807	not diagnostic	
30808	not diagnostic	
30809	Sauc/Relizian	
30810	barren	
30811	not diagnostic	
30812	not diagnostic	
30813	Luisian	
30814	Middle Miocene	
30815	Luisian	
30816	Luisian	
30817	Luisian	
30818	not diagnostic	
30819	Saucesian	
30820	? Lower Mohnian	
30821	not diagnostic	
30822	not diagnostic	
30823	Middle Miocene	
30824	Lower Miocene	
30825	age not given	
30826	age not given	
30827	age not given	
30828	age not given	
30829	age not given	
30830	age not given	
30831	age not given	
30832	age not given	
30833	age not given	
30834	age not given	
30835	age not given	
30836	Paleocene/Eocene	
30837	U Cret D zone	
30838	not diagnostic	
30839	not diagnostic	
30840	Upper Mohnian	
30841	not diagnostic	
30842	Luisian	
30843	Luisian	
30844	Middle Miocene	
30845	Saucesian	
30846	not diagnostic	
30847	npt diagnostic	
30848	not diagnostic	
30849	Lower Mohnian	
30850	Lower Mohnian	
30851	Lower Mohnian	
30852	Upper Mohnian	

	I	M
1	ONE/SERIES/AG	
30853	Luisian	
30854	Relizian	
30855	Relizian	
30856	Lower Relizian	
30857	Relizian	
30858	barren	
30859	Lower Relizian	
30860	Relizian	
30861	Relizian	
30862	Relizian	
30863	Relizian	
30864	? Luisian	
30865	Relizian	
30866	no paleo info	
30867	Middle Miocene	
30868	Relizian	
30869	Relizian	
30870	Middle Miocene	
30871	Luisian	
30872	poss M Miocene	
30873	Relizian	
30874	M Miocene	
30875	Saucesian	
30876	not diagnostic	
30877	Middle Miocene	
30878	not diagnostic	
30879	Relizian	
30880	Luisian	
30881	Middle Miocene	
30882	Luisian	
30883	Luisian	
30884	Luisian	
30885	Relizian	
30886	Middle Miocene	
30887	Middle Miocene	
30888	Relizian	
30889	Mohnian	
30890	Middle Miocene	
30891	Middle Miocene	
30892	Middle Miocene	
30893	Relizian	
30894	Middle Miocene	
30895	Middle Miocene	
30896	Middle Miocene	
30897	Relizian	
30898	Relizian	
30899	not diagnostic	
30900	Saucesian	
30901	Saucesian	
30902	Saucesian	
30903	Saucesian	
30904	Saucesian	
30905	Saucesian	
30906	Saucesian	
30907	Saucesian	
30908	Saucesian	
30909	Lower Relizian	
30910	Lower Relizian	
30911	Lower Relizian	
30912	Saucesian	
30913	Saucesian	
30914	Saucesian	
30915	not diagnostic	
30916	not diagnostic	
30917	Saucesian	
30918	Saucesian	
30919	Saucesian	
30920	not diagnostic	
30921	Lower Relizian	
30922	Relizian	
30923	Relizian	
30924	Relizian	
30925	Luisian	
30926	not diagnostic	
30927	no paleo info	
30928	Saucesian	
30929	Saucesian	
30930	Saucesian	
30931	Saucesian	
30932	Middle Miocene	
30933	Relizian	
30934	Middle Miocene	
30935	Middle Miocene	
30936	Middle Miocene	
30937	Relizian	

	I	M
1	ONE/SERIES/AGF	
30938	Relizian	
30939	not diagnostic	
30940	Middle Miocene	
30941	Saucesian	
30942	Relizian	
30943	Relizian	
30944	Lower Relizian	
30945	Lower Relizian	
30946	Lower Relizian	
30947	Lower Relizian	
30948	Lower Relizian	
30949	Lower Relizian	
30950	Lower Relizian	
30951	Relizian	
30952	Relizian	
30953	Relizian	
30954	Relizian	
30955	Mohnian	
30956	Luisian	
30957	Luisian	
30958	Luisian	
30959	Luisian	
30960	prob Mohnian	
30961	Lower Mohnian	
30962	Lower Mohnian	
30963	not diagnostic	
30964	Lower Mohnian	
30965	Lower Mohnian	
30966	not diagnostic	
30967	Luisian	
30968	Mohnian	
30969	Mohnian	
30970	no paleo info	
30971	no paleo info	
30972	not diagnostic	
30973	Relizian	
30974	Relizian	
30975	Relizian	
30976	no paleo info	
30977	not diagnostic	
30978	Luisian	
30979	Luisian	
30980	Luisian	
30981	Luisian	
30982	mixed Miocene	
30983	Luisian	
30984	Luisian	
30985	not diagnostic	
30986	Relizian	
30987	not diagnostic	
30988	not diagnostic	
30989	Relizian	
30990	Relizian	
30991	Relizian	
30992	no paleo info	
30993	no paleo info	
30994	Relizian	
30995	Relizian	
30996	no paleo info	
30997	no paleo info	
30998	no paleo info	
30999	no paleo info	
31000	no paleo info	
31001	no age provided	
31002	Middle Miocene	
31003	not diagnostic	
31004	Middle Miocene	
31005	Relizian	
31006	Lower Miocene	
31007	Middle Miocene	
31008	Middle Miocene	
31009	Luisian	
31010	Relizian	
31011	not diagnostic	
31012	Upper Miocene	
31013	Upper Miocene	
31014	Upper Miocene	
31015	Upper Miocene	
31016	Middle Miocene	
31017	Middle Miocene	
31018	Relizian	
31019	Relizian	
31020	Luisian	
31021	Mohnian	
31022	no paleo info	

	I	M
1	ONE/SERIES/AGT	
31023	no paleo info	
31024	? Upper Miocene	
31025	?U Miocene	
31026	Mohnian	
31027	Mohnian	
31028	Mohnian	
31029	Luisian	
31030	no paleo info	
31031	Relizian	
31032	Relizian	
31033	Relizian	
31034	Relizian	
31035	Relizian	
31036	no paleo info	
31037	not diagnostic	
31038	prob Relizian	
31039	prob Relizian	
31040	Luisian	
31041	Relizian	
31042	Middle Miocene	
31043	not diagnostic	
31044	not diagnostic	
31045	Upper? Eocene	
31046	Upper? Eocene	
31047	Upper? Eocene	
31048	Upper? Eocene	
31049	not diagnostic	
31050	not diagnostic	
31051	not diagnostic	
31052	not diagnostic	
31053	not diagnostic	
31054	not diagnostic	
31055	Lower Zemorrian	
31056	Lower Zemorrian	
31057	not diagnostic	
31058	Lower Relizian	
31059	not diagnostic	
31060	Upper Saucesian	
31061	Upper Saucesian	
31062	Upper Saucesian	
31063	Saucesian	
31064	Lower Miocene	
31065	Lower Miocene	
31066	not diagnostic	
31067	not diagnostic	
31068	Lower Miocene	
31069	Lower Miocene	
31070	Lower Miocene	
31071	Upper Eocene	
31072	Upper Eocene	
31073	Upper Eocene	
31074	Upper Eocene	
31075	Upper Eocene	
31076	not diagnostic	
31077	not diagnostic	
31078	not diagnostic	
31079	not diagnostic	
31080	not diagnostic	
31081	no paleo info	
31082	Lower Zemorrian	
31083	Lower Zemorrian	
31084	no paleo info	
31085	no paleo info	
31086	no paleo info	
31087	no paleo info	
31088	no paleo info	
31089	not diagnostic	
31090	not diagnostic	
31091	not diagnostic	
31092	not diagnostic	
31093	not diagnostic	
31094	prob Miocene	
31095	prob Miocene	
31096	Middle Miocene	
31097	Middle Miocene	
31098	no paleo info	
31099	no paleo info	
31100	no paleo info	
31101	no paleo info	
31102	no paleo info	
31103	no paleo info	
31104	no paleo info	
31105	no paleo info	
31106	no paleo info	
31107	no paleo info	

	I	M
1	ONE/SERIES/AGF	
31108	no paleo info	
31109	no paleo info	
31110	no paleo info	
31111	no paleo info	
31112	no paleo info	
31113	no paleo info	
31114	no paleo info	
31115	no paleo info	
31116	no paleo info	
31117	no paleo info	
31118	no paleo info	
31119	no paleo info	
31120	no paleo info	
31121	no paleo info	
31122	no paleo info	
31123	no paleo info	
31124	no paleo info	
31125	no paleo info	
31126	U Eocene A-2 zone	
31127	not diagnostic	
31128	not diagnostic	
31129	not diagnostic	
31130	not diagnostic	
31131	not diagnostic	
31132	not diagnostic	
31133	not diagnostic	
31134	prob U Eocene	
31135	prob U Eocene	
31136	prob U Eocene	
31137	prob U Eocene	
31138	prob U Eocene	
31139	prob U Eocene	
31140	prob U Eocene	
31141	prob U Eocene	
31142	prob U Eocene	
31143	prob U Eocene	
31144	prob U Eocene	
31145	prob U Eocene	
31146	prob U Eocene	
31147	prob U Eocene	
31148	prob U Eocene	
31149	prob U Eocene	
31150	prob U Eocene	
31151	Lower Zemorrian	
31152	Lower Zemorrian	
31153	Lower Zemorrian	
31154	Lower Zemorrian	
31155	Lower Zemorrian	
31156	Lower Zemorrian	
31157	Lower Zemorrian	
31158	Lower Zemorrian	
31159	Lower Zemorrian	
31160	Lower Zemorrian	
31161	Lower Zemorrian	
31162	Lower Zemorrian	
31163	Lower Zemorrian	
31164	Lower Zemorrian	
31165	Lower Zemorrian	
31166	Upper Zemorrian	
31167	Upper Zemorrian	
31168	Saucesian	
31169	Saucesian	
31170	Saucesian	
31171	Saucesian	
31172	Saucesian	
31173	Saucesian	
31174	Saucesian	
31175	Saucesian	
31176	Saucesian	
31177	Saucesian	
31178	Saucesian	
31179	Saucesian	
31180	Saucesian	
31181	Saucesian	
31182	Saucesian	
31183	prob U Eocene	
31184	prob U Eocene	
31185	prob U Eocene	
31186	prob U Eocene	
31187	prob U Eocene	
31188	prob U Eocene	
31189	prob U Eocene	
31190	prob U Eocene	
31191	prob U Eocene	
31192	prob U Eocene	

	I	M
1	ONE/SERIES/AGT	
31193	prob U Eocene	
31194	prob U Eocene	
31195	prob U Eocene	
31196	prob U Eocene	
31197	prob M Eocene	
31198	prob M Eocene	
31199	prob M Eocene	
31200	prob M Eocene	
31201	prob M Eocene	
31202	prob M Eocene	
31203	prob M Eocene	
31204	prob M Eocene	
31205	prob M Eocene	
31206	prob M Eocene	
31207	prob M Eocene	
31208	prob M Eocene	
31209	Eocene	
31210	Eocene	
31211	Eocene	
31212	Eocene	
31213	Upper Eocene	
31214	Upper Eocene	
31215	Upper Eocene	
31216	Upper Eocene	
31217	Upper Eocene	
31218	Upper Eocene	
31219	Upper Eocene	
31220	Upper Eocene	
31221	Upper Zemorrian	
31222	U Zem or L Sauce	
31223	U Zem or L Sauce	
31224	Upper Zemorrian	
31225	Upper Zemorrian	
31226	Zemorrian	
31227	Upper Zemorrian	
31228	Upper Zemorrian	
31229	Upper Zemorrian	
31230	Zemorrian	
31231	Upper Zemorrian	
31232	Upper Eocene	
31233	Upper Eocene	
31234	Upper Eocene	
31235	Upper Eocene	
31236	Upper Eocene	
31237	Upper Eocene	
31238	Upper Eocene	
31239	Luisian	
31240	Relizian	
31241	Miocene	
31242	Miocene	
31243	Miocene	
31244	not diagnostic	
31245	not diagnostic	
31246	not diagnostic	
31247	Middle Miocene	
31248	poss Relizian	
31249	poss Relizian	
31250	prob M Miocene	
31251	poss Relizian	
31252	barren	
31253	Saucesian	
31254	Middle Miocene	
31255	Lower Luisian	
31256	Middle Miocene	
31257	Luisian	
31258	Middle Miocene	
31259	Luisian	
31260	not diagnostic	
31261	prob L Miocene	
31262	not diagnostic	
31263	Lower Miocene	
31264	Saucesian	
31265	Upper Saucesian	
31266	Sauc/Relizian	
31267	Sauc/Relizian	
31268	Sauc/Relizian	
31269	Sauc/Relizian	
31270	Sauc/Relizian	
31271	Middle Miocene	
31272	Luisian	
31273	Saucesian	
31274	Saucesian	
31275	nonmarine?	
31276	Lower Mohnian	
31277	Middle Miocene	

	I	M
1	ONE/SERIES/AGT	
31278	not diagnostic	
31279	not diagnostic	
31280	Upper Miocene	
31281	Saucesian	
31282	Upper Saucesian	
31283	poss Saucesian	
31284	Lower Relizian	
31285	Middle Miocene	
31286	not diagnostic	
31287	Lower Relizian	
31288	not diagnostic	
31289	no paleo info	
31290	no paleo info	
31291	no paleo info	
31292	no paleo info	
31293	no paleo info	
31294	no paleo info	
31295	no paleo info	
31296	no paleo info	
31297	no paleo info	
31298	no paleo info	
31299	no paleo info	
31300	no paleo info	
31301	no paleo info	
31302	no paleo info	
31303	no paleo info	
31304	no paleo info	
31305	no paleo info	
31306	no paleo info	
31307	no paleo info	
31308	no paleo info	
31309	no paleo info	
31310	no paleo info	
31311	no paleo info	
31312	no paleo info	
31313	no paleo info	
31314	no paleo info	
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32193	Cret/Paleocene	
32194	not diagnostic	
32195	Eocene	
32196	Pliocene	
32197	Lower Zemorrian	
32198	Lower Zemorrian	
32199	Refugian/Zem	
32200	Zemorrian	
32201	Middle Miocene	
32202	Relizian	
32203	Mohnian	
32204	Mohnian	
32205	not diagnostic	
32206	not diagnostic	
32207	Mohnian	
32208	not diagnostic	
32209	Mohnian	
32210	Mohnian	
32211	Mohnian	
32212	not diagnostic	

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1	ONE/SERIES/AGT	
32213	not diagnostic	
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32215	not diagnostic	
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32218	not diagnostic	
32219	not diagnostic	
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32224	Mohnian	
32225	not diagnostic	
32226	not diagnostic	
32227	Mohnian	
32228	Luisian	
32229	not diagnostic	
32230	Luisian	
32231	Miocene/Pliocene	
32232	not diagnostic	
32233	barren	
32234	Upper Miocene	
32235	Upper Miocene	
32236	Lower Mohnian	
32237	Lower Mohnian	
32238	Lower Mohnian	
32239	Luisian	
32240	Luisian	
32241	Luisian	
32242	Cret/Paleocene	
32243	Upper Cretaceous	
32244	Cret/Paleocene	
32245	Cret/Paleocene	
32246	Cret/Paleocene	
32247	Upper Eocene	
32248	not diagnostic	
32249	prob Eocene	
32250	prob Eocene	
32251	not diagnostic	
32252	not diagnostic	
32253	not diagnostic	
32254	Mohnian	
32255	Upper Miocene	
32256	barren	
32257	Upper Miocene	
32258	Upper Miocene	
32259	not diagnostic	
32260	barren	
32261	Luisian	
32262	barren	
32263	Sauc/Mohnian	
32264	barren	
32265	Middle Miocene	
32266	Middle Miocene	
32267	Luisian	
32268	not diagnostic	
32269	L or M Miocene	
32270	L or M Miocene	
32271	poss M Miocene	
32272	not diagnostic	
32273	Cret/Paleocene	
32274	Eocene	
32275	not diagnostic	
32276	Eocene	
32277	barren	
32278	poss Pliocene	
32279	barren	
32280	poss U Miocene	
32281	not diagnostic	
32282	poss Pliocene	
32283	poss Pliocene	
32284	poss U Miocene	
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32286	not diagnostic	
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1	ONE/SERIES/AGF	
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32299	no paleo info	
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32380	no paleo info	
32381	U Cret H zone	
32382	U Cret F zone	

	I	M
1	ONE/SERIES/AGT	
32383	no paleo info	
32384	U Cret F zone	
32385	Prob U Cret E zon	
32386	Prob U Cret E zon	
32387	Prob U Cret E zon	
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32389	Prob U Cret E zon	
32390	Prob U Cret E zon	
32391	Prob U Cret E zon	
32392	Cretaceous	
32393	Cretaceous	
32394	Miocene	
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32443	Saucesian	
32444	not diagnostic	
32445	not diagnostic	
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32448	not diagnostic	
32449	Relizian	
32450	Upper Mohnian	
32451	Upper Mohnian	
32452	Upper Mohnian	
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32454	Upper Mohnian	
32455	Upper Mohnian	
32456	Upper Mohnian	
32457	no paleo info	
32458	Middle Miocene	
32459	Middle Miocene	
32460	not diagnostic	
32461	Middle Miocene	
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32463	M or U Miocene	
32464	M or U Miocene	
32465	M or U Miocene	
32466	M or U Miocene	
32467	not diagnostic	

	I	M
1	ONE/SERIES/AGT	
32468	not diagnostic	
32469	not diagnostic	
32470	not diagnostic	
32471	not diagnostic	
32472	Lower Miocene	
32473	Saucesian	
32474	L or M Miocene	
32475	not diagnostic	
32476	Lower Miocene	
32477	not diagnostic	
32478	not diagnostic	
32479	L or M Miocene	
32480	not diagnostic	
32481	Saucesian	
32482	Middle Miocene	
32483	Middle Miocene	
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32485	Middle Miocene	
32486	not diagnostic	
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32488	not diagnostic	
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32493	Saucesian	
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32495	Saucesian	
32496	Saucesian	
32497	Relizian	
32498	Luisian	
32499	Lower Mohnian	
32500	Lower Mohnian	
32501	Middle Mohnian	
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32503	Middle Mohnian	
32504	Middle Mohnian	
32505	barren	
32506	Middle Miocene	
32507	Middle Miocene	
32508	Middle Miocene	
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32511	Middle Miocene	
32512	Mohnian	
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32520	Mohnian	
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32524	L or M Miocene	
32525	no paleo info	
32526	Miocene	
32527	no paleo info	
32528	Miocene	
32529	no paleo info	
32530	prob L Miocene	
32531	Saucesian	
32532	M or U Miocene	
32533	Middle Miocene	
32534	Middle Miocene	
32535	Mohnian	
32536	not diagnostic	
32537	not diagnostic	
32538	prob Mohnian	
32539	Middle Miocene	
32540	no paleo info	
32541	Cret/Paleocene	
32542	barren	
32543	Cret/Paleocene	
32544	Tertiary	
32545	Lower Eocene	
32546	not diagnostic	
32547	Eocene	
32548	not diagnostic	
32549	poss Eocene	
32550	Lower Eocene	
32551	Lower Eocene	
32552	Lower Eocene	

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1	ONE/SERIES/AGT	
32553	Lower Eocene	
32554	barren	
32555	not diagnostic	
32556	Lower Eocene	
32557	not diagnostic	
32558	not diagnostic	
32559	Paleocene/Eocene	
32560	Tertiary	
32561	not diagnostic	
32562	Lower Eocene	
32563	not diagnostic	
32564	not diagnostic	
32565	poss Eocene	
32566	not diagnostic	
32567	U Cret D/E zones	
32568	U Cret E zone	
32569	not diagnostic	
32570	Cretaceous	
32571	U Cret D/E zones	
32572	not diagnostic	
32573	Upper Cretaceous	
32574	poss U Cretaceous	
32575	not diagnostic	
32576	Upper Cretaceous	
32577	not diagnostic	
32578	not diagnostic	
32579	Luisian?	
32580	Middle Miocene	
32581	Middle Miocene	
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32583	Saucesian	
32584	Middle Miocene	
32585	Relizian	
32586	Relizian	
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32588	not diagnostic	
32589	not diagnostic	
32590	Lower Mohnian	
32591	barren	
32592	not diagnostic	
32593	Lower Mohnian	
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32595	Upper Miocene	
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